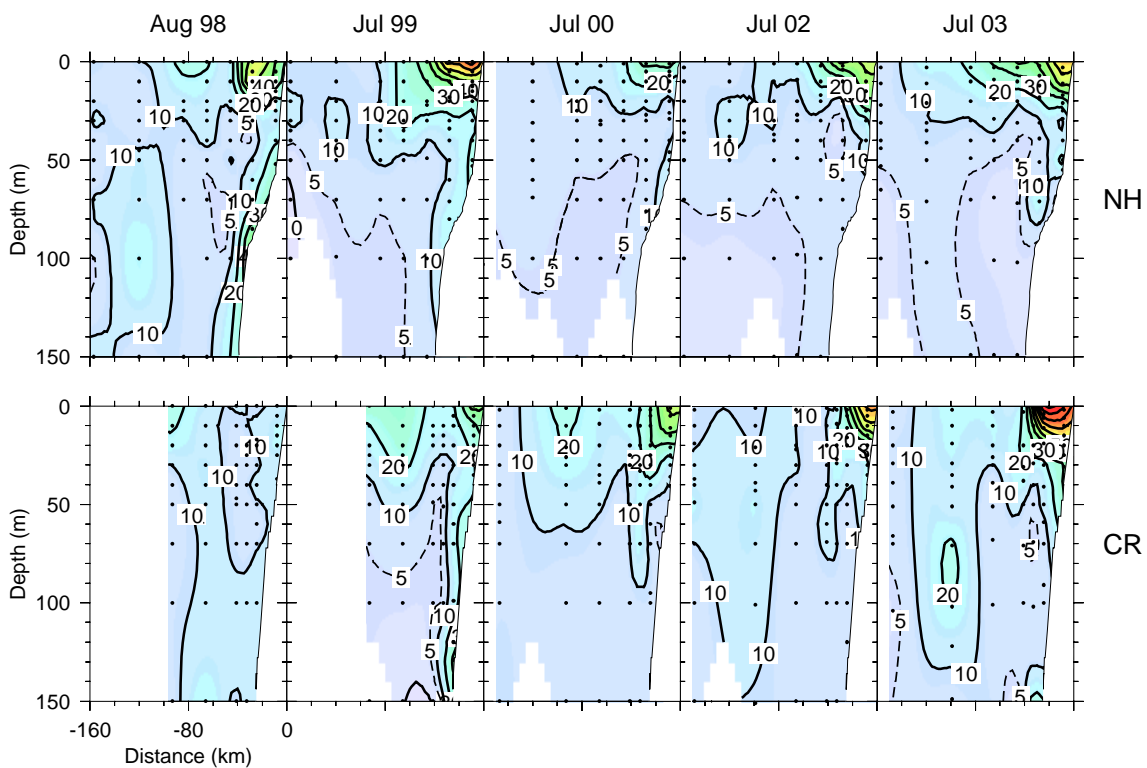


College of Oceanic and Atmospheric Sciences

POC (μM) comparison between the Newport and Crescent City Lines



Oregon State University

**Particulate and Dissolved Organic Carbon
and Nitrogen Data from the GLOBEC Long-
Term Observation Program, 1997-2004**

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Data Report 205
COAS Reference 2006-2
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The particulate and dissolved organic carbon and nitrogen data included in this report are a complete version of all data for GLOBEC cruises 1997-2004. The nutrient and chlorophyll data that correspond to this data set can be found in “Nutrient and Extracted Chlorophyll Data from the GLOBEC Long-Term Observation Program, 1997-2004”, Data Report 193, COAS Reference 2004-1, published February 2004. This data can be found in electronic format on the GLOBEC website:
<http://ltop.coas.oregonstate.edu/~ctd/index.html>.

For further hydrographic information from all cruises, see cruise reports provided on the GLOBEC web page or contact Dr. A Huyer at Oregon State University, COAS, 104 COAS Admin. Bldg., Corvallis, OR, 97331-5503. All particulate and dissolved organic carbon and nitrogen data that follow include cruise station numbers to allow comparison with the hydrographic information found in other data reports.

Sample Collection

At each station, water samples were collected from various depths with 5 L Niskin bottles on a 12 bottle rosette.

Total Organic Carbon (TOC) samples were subsampled from niskins into precombusted borosilicate vials capped with Teflon coated liners (these are the first samples drawn from the niskins). 50 µl of 85% H₃PO₄ is added to each vial immediately and the vials are stored in the dark at room temperature until analysis.

Total Nitrogen (TN) samples are sampled into 125-ml Nalgene HDPE bottles and triplicate 10 ml volumes are subsampled by pipette into acid washed and rinsed 60 ml HPDE or Teflon bottles. Samples are stored at -20°C until analysis.

Particulate Organic Carbon and Nitrogen (POC/PON) samples were subsampled from the niskins into 1 or 0.5 L acid-washed and rinsed bottles after filtration through 200µm mesh (to exclude large zooplankton). 1 or 0.5 L samples were then vacuum filtered (<200 mm Hg) through precombusted (at 400°C for 4 h) 25 mm Whatman™ GF/F filters. The filters were then stored in glass Vacutainer™ tubes at -20°C until further analysis.

Sample Analyses

Total Nitrogen Analysis

For TN analysis, samples were thawed at room temperature. Organic nitrogen was converted to nitrate using a persulfate wet oxidation method (Libby and Wheeler 1997), which was then analyzed using a Technicon AA-II. Instrument calibration was performed daily using a standard curve prepared from triplicate digested leucine standards at three concentrations. Fresh standards were made prior to each run by diluting a primary standard with artificial seawater. Digested artificial seawater was used

as a blank, and the standard curve was corrected for nitrogen content of the blank by determining the concentration of nitrogen in the persulfate solution and then calculating the amount of nitrogen in the artificial seawater. Artificial seawater nitrogen content was estimated as the difference between blank signal and persulfate signal. Data was screened by checking triplicate data for CV > 10%. Fliers greater than 1sd from the mean replicate value were deleted from the dataset. In addition, data was screened for coherence within depth profiles. See Table 1 for the average coefficient of variation for all TN replicates after editing.

Table 1. TN average CV (%) \pm stdev for each year of cruises, and highest observed CV.

| <i>Year of Cruise</i> | <i>CV (%) \pm stdev</i> | <i>High observed CV</i> |
|-----------------------|--------------------------------------|-------------------------|
| 1997 | 3.12 \pm 2.73 | 15.8 |
| 1998 | 5.11 \pm 4.38 | 28.6 |
| 1999 | 5.30 \pm 4.96 | 36.2 |
| 2000 | 2.31 \pm 2.05 | 13.8 |
| 2001 | 2.56 \pm 2.30 | 19.5 |
| 2002 | 2.22 \pm 2.07 | 16.3 |
| 2003 | 3.24 \pm 3.34 | 31.45 |
| 2004 | 4.38 \pm 2.98 | 18.52 |

POC/PON Analysis

GLOBEC data from 1997, 1998, and July 1999 was processed at two different places, OSU and Santa Barbara Analytical Lab. All other samples were processed at the Santa Barbara lab. Table 2 lists cruise and where data was processed.

Table 2. Processing location for GLOBEC POM samples

| <i>Cruise</i> | <i>OSU</i> | <i>Santa Barbara</i> |
|---------------|------------|----------------------|
| Sep 1997 | X | |
| Nov 1997 | X | X |
| Jan 1998 | X | X |
| April 1998 | X | X |
| Aug 1998 | X | X |
| Sep 1998 | X | X |
| Nov 1998 | X | |
| Jul 1999 | X | X |

Filters processed at OSU were fumed with concentrated hydrochloric acid for 12 h (to remove inorganic carbon) and dried. The filters were then placed in tin boats and analyzed using a Carlo Erba™ CNS analyzer. Boat blanks, filter blanks and acetonitrile standards were run with each batch of samples. Within each run, the average filter blank

is subtracted from the sample values. Additionally, the average, sd and CV of all filter blanks run within each year were calculated (see Table 3). Samples that were less than twice the yearly average blank value were deleted from the data set.

The other 1999 cruises and all of 2000-2004 cruise samples were processed at the MSI Analytical Lab, UC, Santa Barbara, California. Prior to shipping to Santa Barbara, filters were fumed with concentrated hydrochloric acid (for 12 h) to remove inorganic carbon and then dried at 60°C overnight. Analysis followed using a Control Equipment Corp. 440HA CHN elemental analyzer calibrated with acetanilide. During analysis, filter blanks were run after every nine to ten samples and were checked for fliers within each batch run. The average, sd, and CV of all blanks run within one batch were calculated. The $\text{avg} \pm 2\text{sd}$ was used to screen the blanks. Any values outside of this range were not included in the blank mean used to correct sample values. Filter blank averages for each batch run at Santa Barbara are listed in Table 3.

Table 3. Filter blank averages by year of cruise or batch # of samples.

| <i>Year of Cruise/ Batch #</i> | $\mu\text{g C}$ | $\mu\text{g N}$ |
|------------------------------------|------------------|------------------|
| 1997-99 (OSU) | 9.84 ± 4.87 | 2.17 ± 0.72 |
| 1029 | 23.78 ± 2.84 | 0.71 ± 0.49 |
| 1100 | 18.04 ± 2.07 | 0.70 ± 0.48 |
| 1175 | 17.91 ± 2.77 | 0.39 ± 0.49 |
| 409 | 29.56 ± 3.78 | 2.37 ± 0.82 |
| 424 | 19.31 ± 1.76 | 0.10 ± 0.51 |
| 447 | 23.36 ± 3.84 | 0.35 ± 0.41 |
| 482 | 25.63 ± 5.87 | 0.32 ± 1.03 |
| 558 | 24.49 ± 4.54 | 0.53 ± 0.63 |
| 576 | 19.58 ± 5.21 | 0.36 ± 0.81 |
| 606 | 22.61 ± 3.00 | 0.10 ± 1.03 |
| 656 | 21.74 ± 3.20 | 0.61 ± 0.93 |
| 752 | 27.50 ± 8.68 | 0.17 ± 0.82 |
| 787 | 26.44 ± 9.27 | 0.65 ± 0.62 |
| 816 | 21.94 ± 2.97 | 0.31 ± 0.72 |
| 853 | 22.95 ± 2.92 | -0.01 ± 0.77 |
| 874 | 18.76 ± 1.65 | 0.96 ± 0.77 |
| 908 | 21.40 ± 2.74 | 0.06 ± 0.96 |
| All Batches | 22.72 ± 5.29 | 0.48 ± 0.82 |

For Santa Barbara samples, these average blank values were subtracted from each measured sample value as a filter blank correction. Resulting sample values were then screened for the number of standard deviations away from filter blank values. Any samples values that were very low or a negative number of sd from the blank average were deleted from the data set as below detection limit (bdl). Data was further screened

by coherence within depth profiles. The majority of the data excluded from the data set was due to values being bdl. Table 4 lists the number of values excluded by screening.

Table 4. # values excluded for all sample values (n).

| <i>Year of Cruise</i> | <i>POC # values excluded (n)</i> | <i>PON # values excluded (n)</i> |
|-----------------------|----------------------------------|----------------------------------|
| 1997 | 24 (353) | 65 (353) |
| 1998 | 63 (1006) | 145 (1006) |
| 1999 | 183 (874) | 21 (874) |
| 2000 | 150 (1060) | 46 (1060) |
| 2001 | 119 (679) | 10 (679) |
| 2002 | 83 (1014) | 5 (1014) |
| 2003 | 10 (887) | 6 (887) |
| 2004 | 11 (147) | 0 (147) |

TOC Analysis

Early triplicate samples from 1997 and 1998 were run on a Shimadzu TOC-500. Standard curves were made up in DIW with acid potassium phthalate. 50 µl of 50% H₃PO₄ was added to each sample and samples were sparged with compressed air for 10 minutes prior to analysis. In most cases, Deep Sea Water (DSW) samples were run at the beginning and end of a run to check for drift. If drift was apparent, another standard curve was run to allow for interpolation of the samples. Three subsamples were taken from each water sample. These were screened by a coefficient of variance (CV) of 5%. If the CV between subsamples was > than 5%, the value > 1 sd from the mean was removed. If the CV was still > 5% the value was deleted from the triplicate data set (see Table 5 for subsample average CV). To account for drift between days, the data was normalized using the DSW bottle average over all runs and the daily DSW average (this was possible for most runs, however a few days did not have DSW run with the samples and could not be normalized, e.g. July 9, 1998 run for Sep 97).

Triplicate values were screened to be within 15% CV. If CV was greater than 15, the value > 1sd from the mean was removed. If the CV was still > 15, the entire sample was excluded from the data summary (see Table 8 for avg CV and # of samples deleted from dataset).

Starting in April 2000, triplicate samples were analyzed using the High Temperature Catalytic Combustion method on a Shimadzu TOC-5000A analyzer with an ASI 5000 autosampler. Standard curves were run twice daily using a DIW blank and four concentrations of an acid potassium phthalate solution. Beginning and ending standard curves were used to interpolate the data and account for drift during each run. All samples and standards received 50 µl of 50% H₃PO₄ and were sparged with compressed air prior to injection. Five subsamples were taken from each water sample and injected in sequence. Subsamples were screened for a coefficient of variance > 5 %.

If the CV was >5%, values greater than 1 sd from the mean were excluded. Table 5 lists the subsample variance for each cruise after editing.

Table 5. Subsample variance by cruise (after editing by CV).

| <i>Cruise</i> | <i>Avg CV ± sd for subsamples</i> |
|---------------|-----------------------------------|
| Sep 1997 | 1.87 ± 1.18 |
| Nov 1997 | 1.74 ± 1.03 |
| Aug 1998 | 2.83 ± 1.38 |
| Sep 1998 | 2.38 ± 1.24 |
| Apr 2000 | 2.41 ± 1.78 |
| Jul 2000 | 2.13 ± 1.25 |
| Sep 2000 | 1.46 ± 0.94 |
| Jan 2001 | 2.87 ± 2.15 |
| Mar 2001 | 1.56 ± 0.96 |
| Jul 2001 | 1.32 ± 0.89 |
| Sep 2001 | 1.41 ± 1.02 |
| Nov 2001 | 1.37 ± 1.39 |
| Feb 2002 | 1.53 ± 0.97 |
| Apr 2002 | 1.46 ± 1.02 |
| Jul 2002 | 1.83 ± 1.44 |
| Sep 2002 | 1.92 ± 1.24 |
| Dec 2002 | 2.59 ± 1.64 |
| Feb 2003 | 1.64 ± 1.04 |
| Apr 2003 | 1.69 ± 1.06 |
| Jul 2003 | 1.86 ± 1.04 |
| Sep 2003 | 2.13 ± 1.14 |
| Sep 2004 | 2.00 ± 1.62 |

Deep-water standards (DSW) of known approximate TOC concentration were injected after every three to four samples (fifteen to twenty subsamples) to check for baseline shifts. DSW standards used over the course of analyzing the GLOBEC data set were taken from multiple bottles. These bottles were collected at various times and therefore slight variation exists among the TOC concentrations in the bottles. To account for this variation, individual bottle averages were determined (including all days of runs). In order to normalize the data to account for instrument variation between runs, each DSW bottle average was divided by the daily DSW value. The resulting normalization factor was then multiplied by that particular day's sample values. Note that for each cruise DSW standards may have come from more than one bottle. Table 6 lists the average DSW values for each cruise and the DSW bottle averages used to normalize the data sets.

Table 6. Average daily DSW value for each cruise (before normalization) and Avg DSW bottle value used to normalize each cruise (multiple values indicate # of bottles of DSW used for that cruise).

| <i>Cruise</i> | <i>Avg daily DSW value \pm sd</i> | <i>Avg DSW bottle value</i> |
|----------------|--|-----------------------------|
| Apr 2000 | 40.03 \pm 3.25 | 39.67 |
| Jul 2000 | 38.51 \pm 3.64 | 39.48 |
| | 40.66 \pm 2.63 | 40.48 |
| | 38.26 \pm 4.85 | 39.67 |
| Sep 2000 | 39.16 \pm 2.22 | 41.80 |
| Jan 2001 | 39.85 \pm 4.31 | 39.54 |
| Mar 2001 | 46.69 \pm 6.12 | 41.80 |
| | 52.63 \pm 5.62 | 42.10 |
| Jul 2001 | 40.67 \pm 6.54 | 42.10 |
| Sep 2001 | 37.18 \pm 2.71 | 42.10 |
| | 38.33 \pm 2.79 | 38.60 |
| Nov 2001 | 39.61 \pm 2.68 | 38.60 |
| Feb 2002 | 34.76 \pm 5.57 | 38.60 |
| Apr 2002 | 43.66 \pm 5.90 | 40.66 |
| Jul 2002 | 46.19 \pm 1.74 | 46.69 |
| | 43.84 \pm 3.21 | 43.58 |
| Sep 2002 | 44.38 \pm 5.84 | 43.58 |
| | 42.19 \pm 7.65 | 41.51 |
| Dec 2002 | 37.61 \pm 3.35 | 41.51 |
| Feb 2003 | 36.98 \pm 1.13 | 36.27 |
| Apr 2003 | 37.18 \pm 2.26 | 36.27 |
| | 40.15 \pm 3.51 | 39.92 |
| Jul 2003 | 46.05 \pm 10.96 | 39.92 |
| Sep 2003 | 49.97 \pm 12.32 | 41.00 |
| Sep 2004 | 41.73 \pm 2.23 | 41.00 |
| | 40.71 \pm 1.40 | 38.90 |
| Average | 41.25 \pm 4.18 | 40.87 \pm 2.13 |

Starting in April 2000, a Sargasso Deep Sea Water Standard (SDSW) (obtained from Drs. Dennis Hansell and W. Chen, Certified Reference Materials Program, University of Miami) was used as an additional check of the machine and standards. This reference material was injected several times (in triplicate) during each run. Average values for the SDSW for each cruise are listed in Table 7.

Table 7. Average values of SDSW for each cruise.

| <i>Cruise</i> | <i>Avg SDSW (prior to normalizing) ± sd</i> | <i>Avg SDSW (after normalizing) ± sd</i> |
|----------------|---|--|
| Apr 2000 | 42.62 ± 5.78 | 45.56 ± 8.97 |
| Jul 2000 | 43.03 ± 0.40 | 40.18 ± 0.37 |
| Sep 2000 | 45.72 ± 4.34 | 49.00 ± 3.35 |
| Jan 2001 | No SDSW run | No SDSW run |
| Mar 2001 | 52.08 ± 9.53 | 44.91 ± 7.31 |
| Jul 2001 | 42.68 ± 4.68 | 44.50 ± 2.82 |
| Sep 2001 | 45.10 ± 8.83 | 49.00 ± 9.38 |
| Nov 2001 | 43.39 ± 4.74 | 42.93 ± 4.23 |
| Feb 2002 | 39.32 ± 2.30 | 44.25 ± 7.39 |
| Apr 2002 | 50.20 ± 6.35 | 46.15 ± 11.92 |
| Jul 2002 | 50.03 ± 3.87 | 49.27 ± 4.68 |
| Sep 2002 | 46.96 ± 8.16 | 47.32 ± 4.21 |
| Dec 2002 | 43.15 ± 5.67 | 45.08 ± 6.08 |
| Feb 2003 | 43.62 ± 2.84 | 42.93 ± 2.41 |
| Apr 2003 | 47.28 ± 4.75 | 46.96 ± 6.81 |
| Jul 2003 | 49.89 ± 5.50 | 49.32 ± 3.49 |
| Sep 2003 | 52.46 ± 9.35 | 55.27 ± 7.77 |
| Sep 2004 | 50.11 ± 6.37 | 47.31 ± 5.94 |
| Average | 46.33 ± 3.89 | 46.46 ± 5.71 |

After interpolating and normalizing the data, values were screened by calculating the coefficient of variation between triplicates. If the CV of the triplicates was > 15%, a sample value was removed if it was greater than one standard deviation away from the mean of the triplicates. Table 8 lists the average CV for triplicate values (after screening), number of values excluded after screening, and total # of samples processed for each cruise.

Table 8. Average CV between triplicate samples for each cruise (after screening), # values excluded and total # samples processed (n)

| <i>Cruise</i> | <i>Avg CV ± sd</i> | <i># values excluded</i> | <i>n</i> |
|---------------|--------------------|--------------------------|----------|
| Sep 1997 | 6.46 ± 4.62 | 32 | 132 |
| Nov 1997 | 6.38 ± 3.37 | 16 | 69 |
| Aug 1998 | 7.14 ± 3.27 | 12 | 180 |
| Sep 1998 | 5.62 ± 3.50 | 10 | 105 |
| Apr 2000 | 6.20 ± 3.86 | 70 | 687 |
| Jul 2000 | 5.58 ± 3.44 | 52 | 588 |
| Sep 2000 | 5.86 ± 6.63 | 34 | 597 |
| Jan 2001 | 3.95 ± 2.97 | 8 | 174 |
| Mar 2001 | 5.19 ± 3.70 | 21 | 363 |
| Jul 2001 | 5.86 ± 3.72 | 10 | 144 |

| | | | |
|----------|-------------|----|-----|
| Sep 2001 | 4.77 ± 3.35 | 19 | 492 |
| Nov 2001 | 5.14 ± 3.16 | 1 | 99 |
| Feb 2002 | 6.69 ± 4.32 | 9 | 135 |
| Apr 2002 | 4.66 ± 3.72 | 37 | 567 |
| Jul 2002 | 4.77 ± 2.99 | 35 | 579 |
| Sep 2002 | 5.52 ± 3.45 | 34 | 471 |
| Dec 2002 | 5.29 ± 2.77 | 8 | 135 |
| Feb 2003 | 4.64 ± 2.54 | 8 | 135 |
| Apr 2003 | 4.74 ± 3.16 | 25 | 573 |
| Jul 2003 | 5.72 ± 3.35 | 34 | 453 |
| Sep 2003 | 6.03 ± 3.63 | 27 | 465 |
| Sep 2004 | 4.93 ± 3.46 | 20 | 252 |

Other Missing TOC data

Data from the following cruises has not been analyzed: September 1997 (NH 45-85), November 1997 (NH25 thru NH65, FM, CR and COC lines), January 1998 (part of NH line, all of FM line), April 1998 (parts of NH, all of FM, CR and COC lines), November 1998 (all), all cruises in 1999, and Feb 2000.

DON and DOC calculations

Dissolved organic nitrogen (DON) was determined by subtracting PON and DIN (NH₄, NO₃⁻, and NO₂⁻) values from TN values, as shown in Eq. (1).

$$(1) \quad \text{DON} = \text{TN} - \text{PON} - \text{DIN}$$

The standard deviation for DON was calculated by propagation of error using standard deviations for TN, PON, and DIN.

Dissolved organic carbon (DOC) was determined by subtracting POC values from TOC values, as shown in Eq. (2).

$$(2) \quad \text{DOC} = \text{TOC} - \text{POC}$$

The standard deviation for DOC was calculated by propagation of error using standard deviations for TOC and POC.

Missing Data

Individual data points within data sets were deleted if the coefficient of variation remained greater than 15% after removing data points greater than one sd from the mean. Also for POM data, various points were deleted if the sample value was determined to be below the detection limit. If POC data was missing, the corresponding DOC values were not calculated (TOC data can be used as an approximation for deep water DOC values). If PON data was missing, DON values were left in if they met the following criteria: sample depth was > 50m and surrounding values were $\leq 10\%$ of the DON values. Other miscellaneous TN and DON data was deleted if values were abnormally hi or lo according to the depth profile or expected ranges.

Data Presentation

Data are presented as depth profiles for each station along latitudinal lines. Lines are listed by decreasing latitude and stations are listed from inshore to offshore. Cruise ID and station numbers are included for reference to other cruise data. GMT date and GMT time indicate the date/time at the start of the CTD cast. Depth (pressure in dbar), temperature ($^{\circ}\text{C}$), and salinity are also included as measured by CTD when Niskin bottles were fired (upcast). Units for POC, PON, DOC and DON are all μM .

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References

Libby, P.S., and P.A. Wheeler. 1997. *Particulate and dissolved organic nitrogen in the central and eastern equatorial Pacific*. Deep Sea Res. 44(2): 345-361.

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 3 | 17.58 | 31.64 | 10.17 | 88.48 | 9.33 | 1.36 | 79.16 | 8.56 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 4 | 17.52 | 31.82 | 9.04 | 83.14 | 6.24 | 0.95 | 76.90 | 7.95 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 10 | 17.38 | 31.92 | 9.22 | 72.68 | 9.90 | 1.44 | 62.78 | 7.70 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 15 | 17.32 | 31.92 | 8.82 | 85.49 | 8.40 | 1.35 | 77.09 | 7.28 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 21 | 17.16 | 32.07 | 9.11 | 75.03 | 7.19 | 1.02 | 67.84 | 7.77 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 25 | 16.92 | 32.14 | 10.36 | 74.55 | 11.76 | 1.22 | 62.78 | 8.52 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 35 | 15.86 | 32.37 | 13.43 | 74.85 | 9.50 | 1.20 | 65.36 | 10.62 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 40 | 15.67 | 32.43 | 11.50 | 84.68 | 5.08 | | | |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 44 | 15.09 | 32.51 | 13.25 | 70.38 | 10.04 | 1.58 | 60.34 | 9.20 |
| W9709B | 9/19/97 | 22:23 | 3 | NH-05 | 44.65 | -124.18 | 49 | 14.30 | 32.66 | 20.50 | 72.32 | 15.65 | 2.04 | 56.67 | 15.10 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 4 | 17.31 | 31.62 | 8.73 | 109.28 | 5.82 | | 103.46 | |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 5 | 17.31 | 31.62 | 8.98 | 104.35 | 2.84 | | 101.51 | |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 10 | 17.29 | 31.62 | 8.79 | 146.90 | 4.79 | | 142.11 | |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 20 | 17.01 | 31.62 | 8.65 | 113.50 | 7.45 | 1.03 | 106.05 | 7.48 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 26 | 16.99 | 31.62 | 8.58 | 142.47 | 12.06 | 1.34 | 130.41 | 7.18 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 30 | 15.99 | 31.84 | 12.36 | 134.74 | 9.62 | 1.42 | 125.12 | 8.22 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 35 | 12.57 | 32.47 | 17.47 | 89.85 | 11.15 | 1.49 | 78.70 | 8.26 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 40 | 9.94 | 32.54 | 16.65 | 92.17 | 7.09 | 0.99 | 85.08 | 7.35 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 50 | 9.15 | 32.78 | 22.07 | 73.76 | 4.00 | | 69.76 | |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 60 | 9.13 | 33.07 | 27.49 | 75.36 | 4.80 | | 70.56 | 9.08 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 69 | 9.23 | 33.33 | 31.49 | 74.56 | 4.63 | | 69.93 | 9.07 |
| W9709B | 9/20/97 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 86 | 9.40 | 33.53 | 34.10 | 73.04 | 7.23 | | 65.81 | 10.10 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 3 | 17.71 | 31.76 | 7.64 | 138.53 | 9.30 | 1.05 | 129.23 | 5.76 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 10 | 17.72 | 31.76 | 7.54 | | 5.88 | 0.88 | | 6.32 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 21 | 16.74 | 31.82 | 8.24 | 123.89 | 10.74 | 1.33 | 113.14 | 6.55 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 25 | 12.94 | 32.29 | 8.95 | 124.55 | 9.26 | 1.15 | 115.30 | 6.47 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 30 | 12.21 | 32.37 | 9.04 | 94.11 | 8.86 | 0.91 | 85.25 | 6.40 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 40 | 10.98 | 32.48 | 11.60 | 91.31 | 4.89 | | 86.43 | |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.79 | 32.72 | 16.75 | 99.65 | 3.73 | | 95.92 | |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 200 | 8.41 | 33.91 | 38.09 | 109.31 | 4.83 | | 104.48 | 7.44 |
| W9709B | 9/20/97 | 3:14 | 7 | NH-25 | 44.65 | -124.65 | 214 | 8.39 | 33.91 | 37.56 | 68.89 | 5.84 | | 63.05 | 7.03 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 3 | 17.12 | 31.66 | 7.68 | | 8.78 | 1.26 | | 6.17 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 20 | 17.09 | 31.66 | 7.84 | 134.92 | 9.17 | 1.40 | 125.76 | 6.18 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 25 | 16.80 | 31.69 | 7.98 | 115.47 | 11.60 | 1.48 | 103.87 | 6.24 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 30 | 15.53 | 31.90 | 8.55 | 133.56 | 9.76 | 1.54 | 123.79 | 6.29 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 35 | 11.52 | 32.44 | 8.95 | 113.56 | 3.84 | 0.79 | 109.72 | 6.09 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 40 | 11.06 | 32.48 | 9.64 | 105.61 | 7.31 | 0.83 | 98.30 | 5.96 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 50 | 10.17 | 32.52 | 12.88 | 94.01 | 6.00 | | 88.02 | |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 60 | 9.74 | 32.58 | 15.07 | 103.66 | | | | 6.59 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 71 | 9.50 | 32.68 | 16.80 | 83.37 | | | | 6.58 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.85 | 33.20 | 25.77 | 81.06 | | | | 6.41 |
| W9709B | 9/20/97 | 6:03 | 8 | NH-35 | 44.65 | -124.88 | 406 | 5.85 | 34.04 | 45.25 | 88.88 | 5.64 | | 83.24 | 7.27 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 5 | 17.54 | 31.67 | 7.57 | | 10.58 | 1.41 | | 6.16 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 10 | 17.54 | 31.67 | 7.39 | | 11.49 | 1.32 | | 6.06 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 20 | 17.50 | 31.67 | 7.90 | | 10.51 | 1.45 | | 6.43 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 30 | 13.79 | 32.20 | 8.64 | | 11.29 | 1.49 | | 6.31 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 36 | 10.77 | 32.48 | 11.02 | | 4.85 | 0.82 | | 6.43 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 40 | 10.26 | 32.52 | 14.19 | | 5.16 | 0.77 | | 7.10 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.87 | 32.65 | 16.93 | | 6.90 | 0.76 | | 7.12 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 59 | 9.01 | 32.68 | 20.37 | | | | | 7.95 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.83 | 32.77 | 21.27 | | 4.24 | | | 7.96 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 101 | 8.62 | 33.52 | 31.90 | | 6.39 | | | 7.82 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.32 | 34.09 | 44.32 | | | | | 4.02 |
| W9709B | 9/20/97 | 8:50 | 9 | NH-45 | 44.65 | -125.12 | 682 | 4.76 | 34.20 | 46.45 | | | | | 2.42 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 2 | 17.00 | 31.71 | 6.90 | | 8.25 | 0.98 | | 5.84 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 10 | 17.00 | 31.71 | 7.43 | | 12.78 | 1.23 | | 6.12 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 19 | 17.00 | 31.71 | 7.01 | | 5.90 | 0.88 | | 5.96 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 25 | 16.65 | 31.78 | 7.52 | | 6.56 | 1.10 | | 6.34 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 30 | 13.67 | 32.22 | 7.06 | | 9.27 | 1.46 | | 5.50 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 35 | 11.66 | 32.45 | 8.22 | | 7.16 | 0.87 | | 5.52 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 40 | 10.88 | 32.49 | 10.34 | | | 0.67 | | 5.64 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 49 | 9.71 | 32.56 | 14.75 | | | | | 6.65 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 69 | 9.13 | 32.99 | 23.62 | | | | | 7.24 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.72 | 33.69 | 33.85 | | | | | 8.07 |
| W9709B | 9/20/97 | 12:35 | 11 | NH-65 | 44.65 | -125.6 | 999 | 3.61 | 34.41 | 52.00 | | | | | 9.99 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 3 | 17.37 | 31.69 | 7.31 | | 7.05 | 0.87 | | 6.40 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 10 | 17.36 | 31.69 | 7.29 | | 5.34 | 0.93 | | 6.23 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 20 | 17.34 | 31.69 | 7.93 | | 5.06 | 0.71 | | 7.08 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 30 | 11.81 | 32.39 | 8.71 | | 9.44 | 1.82 | | 5.86 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 35 | 11.43 | 32.42 | 9.44 | | 6.77 | 1.36 | | 6.09 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 40 | 10.84 | 32.47 | 10.63 | | 4.57 | 0.83 | | 6.24 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 50 | 10.17 | 32.54 | 13.46 | | | | | 7.09 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 60 | 9.79 | 32.67 | 16.69 | | | | | 7.17 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.41 | 32.88 | 20.67 | | | | | 7.09 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.80 | 33.37 | 29.44 | | | | | 7.68 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 870 | 3.99 | 34.36 | 50.96 | | | | | 8.49 |
| W9709B | 9/20/97 | 15:35 | 12 | NH-85 | 44.65 | -126.05 | 1006 | 3.65 | 34.41 | 51.83 | | | | | 9.13 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 2 | 12.38 | 32.47 | 13.99 | | 11.62 | 1.99 | | 8.01 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 4 | 12.38 | 32.47 | 12.23 | | 9.83 | 1.80 | | 6.45 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 10 | 12.38 | 32.47 | 12.13 | | 10.32 | 1.34 | | 6.82 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 15 | 12.37 | 32.48 | 13.28 | | | | | |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 22 | 12.00 | 32.64 | 15.43 | | 2.63 | 0.42 | | 8.56 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 24 | 12.08 | 32.75 | 16.02 | | 8.41 | 1.35 | | 7.63 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 28 | 12.08 | 32.83 | 16.30 | | | | | |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 31 | 12.08 | 32.87 | 14.98 | | 5.38 | 0.94 | | 6.54 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 43 | 11.98 | 33.02 | 16.38 | | 3.54 | 0.48 | | 8.89 |
| W9711C | 11/15/97 | 22:07 | 3 | NH-05 | 44.65 | -124.18 | 52 | 11.90 | 33.10 | 16.25 | | 6.05 | 0.83 | | 7.47 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 3 | 12.19 | 32.96 | 13.21 | | 10.67 | 1.45 | | 6.84 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 4 | 12.19 | 32.96 | 13.02 | | 8.80 | 1.40 | | 6.76 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 10 | 12.20 | 32.96 | 13.51 | | 15.04 | 2.16 | | 6.47 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 19 | 12.19 | 32.97 | 14.69 | | 13.42 | 2.00 | | 7.57 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 30 | 11.82 | 33.16 | 15.37 | | 10.93 | 1.43 | | 6.55 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 35 | 11.58 | 33.26 | 18.10 | | 9.82 | 0.99 | | 6.51 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 41 | 11.09 | 33.33 | 21.11 | | 8.50 | 0.74 | | 6.34 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 50 | 11.01 | 33.33 | 22.26 | | 7.92 | 0.88 | | 6.81 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 60 | 10.84 | 33.35 | 24.05 | | 7.72 | 0.83 | | 7.39 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 70 | 10.68 | 33.40 | 24.19 | | 9.02 | 0.96 | | 6.41 |
| W9711C | 11/16/97 | 0:32 | 5 | NH-15 | 44.65 | -124.41 | 88 | 10.35 | 33.48 | 27.36 | | 10.11 | 1.11 | | 7.26 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 4 | 12.15 | 32.91 | 9.87 | | 12.67 | 1.57 | | 2.58 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 10 | 12.16 | 32.91 | 10.69 | | 5.18 | 0.81 | | 4.16 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 15 | 12.16 | 32.91 | 11.43 | | 10.37 | 1.43 | | 4.27 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 19 | 12.15 | 32.92 | 10.72 | | 8.92 | 1.59 | | 3.34 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 31 | 12.09 | 32.97 | 12.44 | | 10.86 | 0.84 | | 4.91 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 39 | 11.57 | 33.20 | 16.12 | | 4.22 | 0.65 | | 4.61 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 100 | 9.86 | 33.66 | 26.34 | | 3.42 | 0.41 | | 4.07 |
| W9711C | 11/16/97 | 3:03 | 7 | NH-25 | 44.65 | -124.65 | 151 | 9.50 | 33.73 | 30.71 | | | | | 6.57 |
| W9711C | 11/16/97 | 5:53 | 8 | NH-35 | 44.65 | -124.88 | 2 | 13.73 | 32.34 | 4.58 | | 6.24 | 0.84 | | 3.18 |
| W9711C | 11/16/97 | 5:53 | 8 | NH-35 | 44.65 | -124.88 | 20 | 13.15 | 32.60 | | | 5.14 | 0.82 | | |
| W9711C | 11/16/97 | 5:53 | 8 | NH-35 | 44.65 | -124.88 | 29 | 11.71 | 33.15 | | | 7.60 | 1.09 | | |
| W9711C | 11/16/97 | 5:53 | 8 | NH-35 | 44.65 | -124.88 | 40 | 10.98 | 33.38 | | | 4.78 | 0.65 | | |
| W9711C | 11/16/97 | 5:53 | 8 | NH-35 | 44.65 | -124.88 | 49 | 10.53 | 33.47 | | | 4.60 | 0.61 | | |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 5 | 12.74 | 32.52 | 8.26 | | 10.92 | 1.23 | | 4.13 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 10 | 12.75 | 32.52 | 8.13 | | 12.85 | 1.30 | | 3.95 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.61 | 32.61 | 8.97 | | 14.15 | 1.52 | | 4.27 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 24 | 11.86 | 32.84 | 13.56 | | | | | |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 30 | 11.24 | 33.05 | 14.92 | | 6.05 | 0.62 | | 4.03 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 40 | 11.49 | 33.39 | 19.33 | | 11.88 | 1.10 | | 5.00 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 50 | 10.97 | 33.48 | 20.44 | | 12.13 | 1.17 | | 2.81 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.91 | 33.52 | 23.46 | | 9.81 | 0.97 | | 2.74 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 100 | 9.17 | 33.58 | 25.87 | | 4.44 | 0.31 | | 3.64 |
| W9711C | 11/16/97 | 8:47 | 9 | NH-45 | 44.65 | -125.12 | 151 | 8.73 | 33.85 | 32.77 | | | | | 6.55 |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 3 | 14.01 | 32.28 | 4.35 | | 6.04 | 0.75 | | 3.37 |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 11 | 14.01 | 32.28 | | | 5.93 | 0.79 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 20 | 14.01 | 32.28 | | | 4.15 | 0.60 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 29 | 14.01 | 32.27 | | | 5.74 | 0.75 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 41 | 14.01 | 32.27 | | | 5.43 | 0.54 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 50 | 13.54 | 32.30 | | | 6.59 | 0.79 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 60 | 10.80 | 32.59 | | | 3.97 | 0.67 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 70 | 9.86 | 32.77 | | | 3.52 | 0.43 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 101 | 8.95 | 33.27 | | | 3.46 | 0.34 | | |
| W9711C | 11/16/97 | 15:33 | 11 | NH-65 | 44.65 | -125.6 | 149 | 7.98 | 33.74 | | | 5.17 | | | |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 4 | 14.05 | 32.25 | 4.50 | | 8.69 | 0.86 | | 3.50 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 10 | 14.05 | 32.25 | 4.52 | | 8.23 | 0.87 | | 3.51 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 21 | 14.05 | 32.25 | 5.03 | | 10.62 | 1.12 | | 3.71 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 29 | 14.05 | 32.25 | 5.10 | | 7.92 | 0.89 | | 4.07 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 34 | 14.05 | 32.25 | 4.90 | | 7.36 | 0.73 | | 4.12 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 40 | 14.02 | 32.25 | 5.73 | | 8.70 | 1.12 | | 4.48 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 48 | 11.00 | 32.63 | 12.20 | | 6.07 | 0.54 | | 4.52 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 71 | 9.81 | 33.10 | 19.88 | | 3.34 | 0.30 | | 4.07 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 98 | 9.50 | 33.55 | 27.46 | | 5.40 | 0.38 | | 4.34 |
| W9711C | 11/16/97 | 20:27 | 12 | NH-85 | 44.65 | -126.05 | 152 | 7.90 | 33.83 | 34.58 | | 5.83 | 0.26 | | 5.69 |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 2 | 14.42 | 32.75 | 5.95 | | 7.03 | 0.76 | | 4.67 |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 10 | 14.42 | 32.76 | | | 7.12 | 0.81 | | |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 20 | 13.93 | 32.79 | | | 6.07 | 0.80 | | |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 31 | 13.79 | 32.80 | | | 6.64 | 0.87 | | |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 41 | 13.74 | 32.80 | | | 7.49 | 0.84 | | |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 51 | 13.71 | 32.80 | | | 7.46 | 0.87 | | |
| W9711C | 11/17/97 | 18:31 | 19 | FM-03 | 43.22 | -124.5 | 61 | 13.69 | 32.80 | | | 7.63 | 0.87 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 3 | 14.36 | 32.78 | 5.92 | | 6.87 | 0.89 | | 4.47 |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 10 | 14.35 | 32.78 | | | 6.16 | 0.82 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 20 | 14.31 | 32.77 | | | 6.82 | 0.80 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 31 | 14.34 | 32.78 | | | 7.23 | 0.77 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 41 | 14.01 | 32.81 | | | 7.10 | 0.70 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 51 | 13.46 | 32.87 | | | 5.85 | 0.73 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 60 | 13.03 | 32.90 | | | 5.84 | 0.69 | | |
| W9711C | 11/17/97 | 17:13 | 18 | FM-04 | 43.22 | -124.58 | 70 | 12.85 | 32.93 | | | 7.68 | 0.88 | | |
| W9711C | 11/17/97 | | 18 | FM-04 | 43.22 | -124.58 | 80 | 12.83 | 32.93 | | | 8.15 | 1.05 | | |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 4 | 13.68 | 32.58 | 6.60 | | 6.96 | 0.80 | | 4.84 |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 10 | 13.68 | 32.58 | | | 6.51 | 0.77 | | |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 20 | 13.73 | 32.73 | | | 6.25 | 0.79 | | |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 32 | 13.68 | 32.79 | | | 5.63 | 0.67 | | |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 40 | 13.64 | 32.81 | | | 6.53 | 0.67 | | |
| W9711C | 11/17/97 | 15:55 | 17 | FM-05 | 43.22 | -124.67 | 40 | 13.64 | 32.81 | | | 6.43 | 0.70 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 3 | 13.61 | 32.62 | 6.44 | | 7.99 | 0.76 | | 4.28 |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 10 | 13.61 | 32.62 | | | 8.13 | 0.71 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 20 | 13.61 | 32.62 | | | 7.39 | 0.73 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 30 | 13.59 | 32.63 | | | 8.29 | 0.79 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 40 | 13.49 | 32.66 | | | 7.28 | 0.68 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 45 | 12.70 | 32.93 | | | 7.21 | 0.55 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 50 | 12.11 | 33.05 | | | 7.13 | 0.64 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 70 | 10.35 | 33.28 | | | 4.88 | 0.26 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 100 | 10.49 | 33.56 | | | 5.94 | 0.34 | | |
| W9711C | 11/17/97 | 12:47 | 15 | FM-07 | 43.22 | -124.83 | 151 | 9.92 | 33.70 | | | 5.43 | 0.26 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 3 | 13.50 | 32.51 | 6.05 | | 9.04 | 0.93 | | 4.28 |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 10 | 13.50 | 32.52 | | | 7.82 | 0.82 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 20 | 13.50 | 32.52 | | | 10.19 | 0.93 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 30 | 13.50 | 32.52 | | | 10.46 | 0.93 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 34 | 13.49 | 32.57 | | | 8.67 | 0.80 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 39 | 13.45 | 32.66 | | | 8.73 | 0.85 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 48 | 12.43 | 33.00 | | | 9.45 | 0.69 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 70 | 11.22 | 33.20 | | | 6.56 | 0.32 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 100 | 10.15 | 33.49 | | | 7.56 | 0.31 | | |
| W9711C | 11/17/97 | 10:13 | 14 | FM-08 | 43.22 | -125. | 150 | 9.15 | 33.83 | | | 5.84 | | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 5 | 13.63 | 32.49 | 6.31 | | 9.04 | 0.86 | | 4.60 |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 10 | 13.63 | 32.49 | | | 8.61 | 0.68 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 30 | 13.64 | 32.49 | | | 8.21 | 0.65 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 39 | 13.61 | 32.51 | | | 8.96 | 0.77 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 45 | 13.51 | 32.64 | | | 9.02 | 0.93 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 51 | 13.25 | 33.14 | | | 9.90 | 0.81 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 71 | 11.55 | 33.14 | | | 8.32 | 0.44 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 101 | 10.10 | 33.39 | | | 8.06 | 0.37 | | |
| W9711C | 11/17/97 | 7:38 | 13 | FM-09 | 43.22 | -125.17 | 152 | 8.69 | 33.87 | | | 4.92 | 0.23 | | |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 0 | 13.34 | 32.56 | 8.73 | | 11.99 | 1.46 | | 5.42 |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 10 | 13.51 | 32.80 | | | 9.76 | 0.89 | | |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 20 | 13.15 | 32.78 | | | 12.61 | 1.28 | | |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 28 | 13.12 | 32.80 | | | | | | |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 30 | 13.13 | 32.81 | | | | | | |
| W9711C | 11/21/97 | 17:05 | 41 | CR-01 | 41.90 | -124.3 | 36 | 13.20 | 32.84 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 3 | 14.53 | 32.93 | 5.64 | | 7.96 | 0.66 | | 3.88 |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 5 | 14.53 | 32.93 | | | 6.51 | 0.73 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 10 | 14.58 | 32.95 | | | 6.81 | 0.82 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 20 | 14.58 | 32.96 | | | 6.89 | 0.64 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 30 | 14.57 | 32.96 | | | 6.85 | 0.77 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 36 | 14.57 | 32.96 | | | 6.58 | 0.82 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 41 | 14.57 | 32.96 | | | 7.56 | 0.79 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 51 | 14.48 | 33.08 | | | 5.57 | 0.60 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 60 | 14.27 | 33.17 | | | 5.23 | 0.45 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 70 | 13.72 | 33.22 | | | 6.50 | 0.50 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 100 | 13.00 | 33.38 | | | 6.42 | 0.49 | | |
| W9711C | 11/21/97 | 14:41 | 39 | CR-03 | 41.90 | -124.5 | 110 | 13.01 | 33.38 | | | 4.79 | 0.41 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 3 | 14.24 | 32.81 | 6.20 | | 10.52 | 0.84 | | 4.14 |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 10 | 14.24 | 32.81 | | | 8.35 | 0.70 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 21 | 14.25 | 32.81 | | | 8.72 | 0.85 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 31 | 14.26 | 32.81 | | | 9.46 | 0.75 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 40 | 14.30 | 32.84 | | | 9.59 | 0.78 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 45 | 14.42 | 33.06 | | | 8.96 | 0.64 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 50 | 14.39 | 33.16 | | | 7.99 | 0.57 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 70 | 13.42 | 33.36 | | | 6.94 | 0.35 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 100 | 11.97 | 33.49 | | | 5.80 | 0.42 | | |
| W9711C | 11/21/97 | 13:09 | 38 | CR-04 | 41.90 | -124.6 | 150 | 11.14 | 33.59 | | | 5.15 | | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 3 | 14.25 | 32.75 | 5.70 | | 13.70 | 1.73 | | 3.51 |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 10 | 14.25 | 32.78 | | | 11.21 | 1.50 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 20 | 14.23 | 32.79 | | | 11.88 | 1.71 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 30 | 13.94 | 32.88 | | | 7.78 | 0.89 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 40 | 13.03 | 33.04 | | | 6.10 | 0.44 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 45 | 12.80 | 33.07 | | | 6.43 | 0.49 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 50 | 12.33 | 33.10 | | | 5.47 | 0.34 | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 70 | 11.50 | 33.49 | | | 4.67 | | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 100 | 10.93 | 33.59 | | | 4.00 | | | |
| W9711C | 11/21/97 | 11:21 | 37 | CR-05 | 41.90 | -124.7 | 150 | 10.07 | 33.75 | | | 4.26 | | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 3 | 14.45 | 32.47 | 5.40 | | 7.66 | 0.70 | | 3.98 |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 10 | 14.46 | 32.47 | | | 7.27 | 0.77 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 20 | 14.45 | 32.47 | | | 6.79 | 0.67 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 29 | 14.43 | 32.48 | | | 5.33 | 0.60 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 34 | 14.29 | 32.54 | | | 7.56 | 0.65 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 39 | 13.86 | 32.61 | | | 8.41 | 0.59 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 50 | 13.24 | 32.74 | | | 5.22 | 0.43 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 68 | 11.96 | 32.81 | | | 5.68 | 0.40 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 101 | 10.55 | 33.22 | | | 3.86 | 0.25 | | |
| W9711C | 11/21/97 | 7:45 | 35 | CR-07 | 41.90 | -125. | 150 | 8.99 | 33.66 | | | 3.86 | | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 4 | 14.23 | 32.42 | 5.57 | | | | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 11 | 14.23 | 32.42 | | | | | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 20 | 14.23 | 32.42 | | | | | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 30 | 14.22 | 32.42 | | | 7.85 | 0.80 | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 41 | 14.22 | 32.43 | | | 6.27 | 0.58 | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 50 | 12.66 | 32.65 | | | 5.51 | 0.59 | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 70 | 10.05 | 32.88 | | | 4.55 | 0.34 | | |
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 101 | 9.13 | 33.46 | | | 4.01 | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9711C | 11/21/97 | 3:38 | 33 | CR-09 | 41.90 | -125.33 | 153 | 8.47 | 33.81 | | | 4.21 | 0.30 | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 3 | 15.54 | 33.24 | 8.49 | | 28.53 | 3.55 | | 4.26 |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 5 | 15.56 | 33.25 | | | 21.56 | 2.31 | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 9 | 15.56 | 33.25 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 15 | 15.59 | 33.27 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 20 | 15.60 | 33.27 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 26 | 15.65 | 33.31 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 30 | 15.67 | 33.34 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 42 | 15.67 | 33.36 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 50 | 15.66 | 33.35 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 61 | 15.66 | 33.35 | | | | | | |
| W9711C | 11/20/97 | 9:09 | 32 | COC-02 | 38.65 | -123.45 | 65 | 15.66 | 33.35 | | | | | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 4 | 15.76 | 33.31 | 6.01 | | 11.47 | 1.03 | | 4.57 |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 5 | 15.76 | 33.31 | | | 8.85 | 1.00 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 11 | 15.76 | 33.31 | | | 9.02 | 1.04 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 15 | 15.76 | 33.31 | | | 8.31 | 0.81 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 20 | 15.77 | 33.32 | | | 8.20 | 0.74 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 30 | 15.76 | 33.32 | | | 7.43 | 0.74 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 40 | 15.69 | 33.33 | | | 5.74 | 0.54 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 46 | 15.50 | 33.36 | | | 9.05 | 0.53 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 52 | 15.32 | 33.37 | | | 7.06 | 0.69 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 61 | 14.71 | 33.42 | | | 7.54 | 0.79 | | |
| W9711C | 11/20/97 | 7:46 | 31 | COC-04 | 38.60 | -123.51 | 72 | 14.59 | 33.42 | | | 9.76 | 0.90 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 3 | 15.81 | 33.15 | 4.99 | | | | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 10 | 15.82 | 33.15 | | | 6.73 | 0.80 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 24 | 15.85 | 33.17 | | | 5.60 | 0.63 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 30 | 15.86 | 33.20 | | | 5.93 | 0.60 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 40 | 15.84 | 33.33 | | | 5.98 | 0.49 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 50 | 15.03 | 33.41 | | | 4.36 | 0.39 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 70 | 13.21 | 33.46 | | | 4.02 | 0.45 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 99 | 12.32 | 33.50 | | | 4.68 | 0.25 | | |
| W9711C | 11/20/97 | 3:01 | 27 | COC-07 | 38.50 | -123.66 | 149 | 11.09 | 33.63 | | | 2.91 | 0.24 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 5 | 15.82 | 32.99 | 5.68 | | 6.59 | 0.63 | | 5.04 |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 9 | 15.82 | 32.99 | | | 5.93 | 0.68 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 21 | 15.81 | 33.00 | | | 6.75 | 0.69 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 30 | 15.79 | 33.00 | | | 8.05 | 0.69 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 40 | 15.09 | 33.01 | | | 5.69 | 0.53 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 47 | 13.85 | 33.03 | | | 6.35 | 0.54 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 48 | 13.72 | 33.01 | | | 5.30 | 0.46 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 74 | 11.83 | 33.15 | | | 3.24 | 0.31 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 100 | 11.37 | 33.59 | | | 5.47 | 0.30 | | |
| W9711C | 11/19/97 | 22:55 | 25 | COC-09 | 38.40 | -123.82 | 152 | 10.42 | 33.75 | | | 5.62 | 0.30 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 4 | 15.64 | 32.92 | 4.84 | | 5.29 | 0.62 | | 4.23 |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 10 | 15.65 | 32.92 | | | 5.08 | 0.49 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 21 | 15.65 | 32.93 | | | 5.57 | 0.55 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 32 | 15.46 | 32.98 | | | 6.87 | 0.75 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 40 | 14.84 | 33.06 | | | 6.12 | 0.70 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 46 | 14.10 | 33.05 | | | 6.54 | 0.67 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 52 | 13.36 | 33.02 | | | 5.08 | 0.51 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 70 | 11.76 | 33.05 | | | 4.78 | 0.33 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 100 | 10.56 | 33.32 | | | 6.97 | 0.26 | | |
| W9711C | 11/19/97 | 18:45 | 23 | COC-11 | 38.29 | -123.99 | 152 | 8.98 | 33.76 | | | 5.90 | | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 3 | 16.09 | 33.20 | 4.88 | | 5.06 | 0.59 | | 4.27 |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 11 | 16.09 | 33.20 | | | 6.18 | 0.73 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 21 | 16.10 | 33.20 | | | 5.85 | 0.67 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 30 | 16.10 | 33.20 | | | 6.64 | 0.62 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 40 | 16.10 | 33.20 | | | 6.80 | 0.80 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 61 | 12.36 | 33.03 | | | 5.04 | 0.31 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 71 | 11.47 | 33.16 | | | 3.93 | 0.40 | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 102 | 10.26 | 33.46 | | | 4.18 | | | |
| W9711C | 11/19/97 | 14:07 | 21 | COC-13 | 38.13 | -124.24 | 151 | 8.89 | 33.80 | | | 3.38 | | | |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 2 | 12.37 | 30.88 | 9.53 | 102.72 | 8.66 | 0.91 | 94.06 | 4.71 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 5 | 12.39 | 31.25 | 8.80 | 64.28 | 10.61 | 1.34 | 53.67 | 3.85 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 10 | 12.48 | 31.65 | 7.96 | 75.93 | 8.01 | 0.83 | 67.91 | 3.69 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 15 | 12.49 | 31.75 | 8.60 | | 9.87 | 0.78 | | 4.42 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 20 | 12.50 | 31.77 | 8.50 | 66.75 | 8.80 | 0.88 | 57.95 | 4.27 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 24 | 12.51 | 31.87 | 8.70 | | 8.15 | 0.81 | | 4.57 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 30 | 12.50 | 31.93 | 7.82 | 72.79 | 10.19 | 1.00 | 62.60 | 3.57 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 41 | 12.51 | 32.22 | 7.87 | | 10.83 | 1.11 | | 3.82 |
| W9801B | 1/30/98 | 22:40 | 3 | NH-05 | 44.65 | -124.18 | 50 | 12.53 | 32.42 | 8.16 | 69.52 | 10.28 | 1.03 | 59.24 | 4.10 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 2 | 12.09 | 32.77 | 7.26 | 70.56 | 6.52 | 0.76 | 64.04 | 4.24 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 2 | 12.09 | 32.77 | | | | | | |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 6 | 12.09 | 32.77 | 6.95 | | 6.46 | 0.77 | | 3.91 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 11 | 12.09 | 32.77 | 7.83 | | 7.59 | 0.69 | | 4.88 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 11 | 12.09 | 32.77 | | | | | | |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 21 | 12.09 | 32.77 | | 61.98 | 6.45 | 0.70 | 55.53 | |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 25 | 12.09 | 32.77 | 7.35 | | 6.61 | 0.75 | | 4.35 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 30 | 12.10 | 32.77 | 7.04 | | 6.02 | 0.66 | | 4.11 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 51 | 12.08 | 32.77 | 7.39 | | | | | |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 51 | 12.08 | 32.77 | | 64.79 | 6.21 | 0.65 | 58.59 | |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 61 | 12.08 | 32.77 | 6.94 | | 4.04 | 0.54 | | 4.12 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 71 | 12.08 | 32.77 | 6.88 | | 7.44 | 0.66 | | 3.91 |
| W9801B | 1/31/98 | 2:21 | 5 | NH-15 | 44.65 | -124.41 | 84 | 12.07 | 32.77 | 7.65 | 70.33 | 8.36 | 0.86 | 61.98 | 4.31 |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 1 | 12.27 | 32.83 | | | | | | |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 1 | 12.27 | 32.83 | | | | | | |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 10 | 12.26 | 32.82 | | | | | | |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 10 | 12.26 | 32.82 | | | | | | |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 49 | 12.29 | 32.83 | | | | | | |
| W9801B | 2/2/98 | 12:28 | 22 | NH-15 | 44.65 | -124.41 | 49 | 12.29 | 32.83 | | | | | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 2 | 11.82 | 32.71 | 9.00 | | 12.71 | 0.82 | | 5.81 |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 2 | 11.82 | 32.71 | | | | | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 9 | 11.82 | 32.71 | | | 10.71 | 0.81 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 9 | 11.82 | 32.71 | | | | | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 30 | 11.82 | 32.71 | | | 8.77 | 0.86 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 39 | 11.79 | 32.70 | | | 6.39 | 0.61 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 51 | 11.81 | 32.71 | | | 7.55 | 0.72 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 69 | 11.72 | 32.69 | | | 9.40 | 0.85 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 84 | 11.91 | 32.82 | | | 8.80 | 0.82 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 99 | 11.73 | 33.08 | | | 9.08 | 0.63 | | |
| W9801B | 1/31/98 | 5:40 | 7 | NH-25 | 44.65 | -124.65 | 149 | 10.78 | 33.34 | | | 10.07 | 0.70 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9801B | 2/2/98 | 10:10 | 20 | NH-25 | 44.65 | -124.65 | 1 | 12.17 | 32.81 | | | | | | |
| W9801B | 2/2/98 | 10:10 | 20 | NH-25 | 44.65 | -124.65 | 1 | 12.17 | 32.81 | | | | | | |
| W9801B | 2/2/98 | 10:10 | 20 | NH-25 | 44.65 | -124.65 | 10 | 12.18 | 32.80 | | | | | | |
| W9801B | 2/2/98 | 10:10 | 20 | NH-25 | 44.65 | -124.65 | 10 | 12.18 | 32.80 | | | | | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 2 | 11.57 | 32.66 | 7.80 | | 7.24 | 0.71 | | 4.64 |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 11 | 11.58 | 32.67 | | | 10.14 | 0.89 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 21 | 11.62 | 32.69 | | | 8.91 | 0.77 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 31 | 11.62 | 32.69 | | | 8.69 | 0.83 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 40 | 11.62 | 32.69 | | | 11.87 | 0.77 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 71 | 11.65 | 32.69 | | | 12.10 | 0.97 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 99 | 11.67 | 32.70 | | | 13.49 | 0.83 | | |
| W9801B | 2/2/98 | 8:18 | 19 | NH-35 | 44.65 | -124.88 | 143 | 10.45 | 33.32 | | | 10.21 | 0.42 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 2 | 11.36 | 32.64 | 7.62 | | 6.65 | 0.67 | | 4.24 |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 10 | 11.36 | 32.64 | | | 9.88 | 0.81 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 22 | 11.36 | 32.64 | | | 8.52 | 0.71 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 30 | 11.36 | 32.64 | | | 7.52 | 0.65 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 39 | 11.36 | 32.64 | | | 7.82 | 0.82 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 50 | 11.38 | 32.64 | | | 9.35 | 0.70 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 69 | 11.46 | 32.66 | | | 8.30 | 0.65 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 86 | 11.55 | 32.70 | | | 6.55 | 0.57 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 101 | 11.35 | 32.95 | | | 5.64 | 0.43 | | |
| W9801B | 2/2/98 | 4:34 | 18 | NH-45 | 44.65 | -125.12 | 148 | 9.00 | 33.52 | | | 6.63 | 0.53 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 3 | 10.79 | 32.48 | 7.54 | | 7.22 | 0.53 | | 4.90 |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 10 | 10.80 | 32.48 | | | 7.80 | 0.59 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 19 | 10.80 | 32.48 | | | 6.54 | 0.63 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 30 | 10.80 | 32.48 | | | 7.38 | 0.53 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 40 | 10.80 | 32.48 | | | 7.77 | 0.71 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 50 | 10.80 | 32.48 | | | 9.21 | 0.66 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 72 | 10.79 | 32.48 | | | 4.83 | 0.49 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 91 | 10.71 | 32.52 | | | 7.01 | 0.44 | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 101 | 9.45 | 32.99 | | | 4.88 | | | |
| W9801B | 2/1/98 | 22:07 | 16 | NH-65 | 44.65 | -125.6 | 148 | 8.38 | 33.71 | | | 8.90 | 0.34 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 1 | 10.39 | 32.46 | 9.82 | | 8.12 | 0.80 | | 5.25 |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 11 | 10.39 | 32.46 | | | 10.68 | 1.12 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 20 | 10.39 | 32.46 | | | 9.48 | 0.81 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 29 | 10.39 | 32.47 | | | 10.46 | 0.90 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 41 | 10.39 | 32.47 | | | 9.32 | 0.91 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 50 | 10.39 | 32.47 | | | 11.33 | 1.16 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 71 | 10.38 | 32.47 | | | 10.04 | 0.95 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 85 | 10.05 | 32.66 | | | 11.96 | 1.18 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 99 | 9.07 | 33.21 | | | 5.37 | 0.40 | | |
| W9801B | 2/1/98 | 18:26 | 15 | NH-85 | 44.65 | -126.05 | 149 | 8.13 | 33.67 | | | 5.61 | 0.36 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 11 | 12.56 | 31.31 | 10.21 | | 11.19 | 1.00 | | 5.68 |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 15 | 12.56 | 31.38 | | | 12.35 | 0.97 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 21 | 12.60 | 31.54 | | | 14.92 | 1.17 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 25 | 12.63 | 31.71 | | | 9.42 | 0.72 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 30 | 12.64 | 31.78 | | | 9.45 | 0.69 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 41 | 12.76 | 32.19 | | | 11.05 | 0.82 | | |
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 51 | 12.82 | 32.57 | | | 10.12 | 0.86 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9801B | 1/31/98 | 20:24 | 9 | FM-03 | 43.22 | -124.5 | 56 | 12.82 | 32.57 | | | 15.28 | 0.87 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 10 | 12.59 | 31.26 | 8.83 | | 10.28 | 0.84 | | 4.41 |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 21 | 12.64 | 31.45 | | | 9.19 | 0.57 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 26 | 12.69 | 31.77 | | | | | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 30 | 12.72 | 31.89 | | | 9.30 | 0.53 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 41 | 12.80 | 32.25 | | | 11.49 | 0.88 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 51 | 12.80 | 32.44 | | | 11.84 | 0.81 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 60 | 12.81 | 32.57 | | | 9.35 | 0.81 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 71 | 12.77 | 32.81 | | | 16.98 | 1.02 | | |
| W9801B | 1/31/98 | 22:19 | 10 | FM-04 | 43.22 | -124.58 | 73 | 12.77 | 32.81 | | | 12.57 | 0.89 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 1 | 12.79 | 32.74 | 7.52 | | 16.44 | 0.90 | | 3.83 |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 10 | 12.80 | 32.73 | | | 10.28 | 0.68 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 20 | 12.81 | 32.79 | | | 12.23 | 0.84 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 31 | 12.82 | 32.91 | | | 9.88 | 0.62 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 41 | 12.81 | 32.92 | | | 14.49 | 0.58 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 51 | 12.81 | 32.93 | | | 10.82 | 0.56 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 59 | 12.80 | 32.93 | | | 8.11 | 0.50 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 70 | 12.80 | 32.93 | | | 8.28 | 0.52 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 80 | 12.81 | 32.94 | | | 11.77 | 0.61 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 102 | 12.81 | 32.94 | | | 8.66 | 0.56 | | |
| W9801B | 1/31/98 | 23:57 | 11 | FM-05 | 43.22 | -124.67 | 129 | 12.79 | 32.97 | | | 7.74 | 0.49 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 2 | 12.55 | 32.96 | 8.70 | | 8.72 | 0.69 | | 4.66 |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 11 | 12.56 | 32.96 | | | 11.01 | 0.84 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 20 | 12.57 | 32.97 | | | 11.32 | 0.88 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 31 | 12.58 | 32.97 | | | 9.21 | 0.77 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 41 | 12.58 | 32.97 | | | 14.38 | 1.09 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 50 | 12.59 | 32.97 | | | 11.73 | 0.80 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 71 | 12.60 | 32.98 | | | 12.49 | 0.90 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 86 | 12.60 | 32.99 | | | 11.97 | 0.89 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 101 | 12.57 | 33.02 | | | 16.75 | 0.94 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 121 | 12.48 | 33.07 | | | 15.15 | 0.93 | | |
| W9801B | 2/1/98 | 3:38 | 13 | FM-07 | 43.22 | -124.83 | 150 | 10.89 | 33.39 | | | 7.52 | | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 5 | 11.28 | 32.60 | 7.09 | | 5.85 | 0.59 | | 5.18 |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 10 | 11.28 | 32.60 | | | 7.33 | 0.72 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 20 | 11.28 | 32.60 | | | 8.18 | 0.73 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 28 | 11.28 | 32.60 | | | 6.56 | 0.66 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 39 | 11.28 | 32.60 | | | 8.88 | 1.16 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 50 | 11.28 | 32.60 | | | 6.46 | 0.55 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 70 | 11.28 | 32.60 | | | 9.98 | 0.72 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 101 | 11.24 | 32.61 | | | 6.29 | 0.51 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 121 | 10.10 | 32.77 | | | 7.34 | 0.53 | | |
| W9801B | 2/1/98 | 6:55 | 14 | FM-08 | 43.22 | -125. | 150 | 9.34 | 33.33 | | | 6.96 | 0.29 | | |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 2 | 11.82 | 31.89 | 6.59 | | 21.97 | 2.07 | | 4.46 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 5 | 11.83 | 31.90 | 6.04 | | 20.54 | 1.79 | | 4.18 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 10 | 11.80 | 31.93 | 5.67 | | 26.09 | 2.35 | | 3.27 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 15 | 11.54 | 32.16 | 7.31 | | 24.06 | 2.13 | | 5.12 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 20 | 11.06 | 32.43 | 9.51 | | 17.46 | 2.60 | | 6.85 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 25 | 10.98 | 32.62 | 11.03 | | 11.49 | 1.50 | | 9.37 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 30 | 10.88 | 32.68 | 12.11 | | 11.74 | 1.17 | | 10.26 |
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 40 | 10.69 | 32.93 | 15.52 | | 11.43 | 0.99 | | 10.38 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9804A | 4/5/98 | 13:16 | 11 | NH-05 | 44.65 | -124.18 | 49 | 10.49 | 33.01 | 17.07 | | 15.20 | 1.38 | | 8.51 |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 3 | 11.71 | 32.04 | 9.99 | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 4 | 11.71 | 32.04 | | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 10 | 11.70 | 32.04 | 4.34 | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 16 | 11.74 | 32.11 | | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 20 | 11.72 | 32.10 | 4.97 | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 25 | 11.72 | 32.13 | | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 30 | 11.47 | 32.42 | 6.12 | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 41 | 11.11 | 32.63 | | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 51 | 10.82 | 32.82 | 11.60 | | | | | |
| W9804A | 4/10/98 | 19:40 | 46 | NH-05 | 44.65 | -124.18 | 54 | 10.76 | 32.85 | | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 3 | 11.44 | 32.22 | 2.93 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 7 | 11.37 | 32.50 | 3.17 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 10 | 11.30 | 32.54 | 2.88 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 20 | 11.13 | 32.60 | 5.20 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 30 | 11.05 | 32.64 | 4.07 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 41 | 10.96 | 32.66 | 4.86 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 50 | 10.93 | 32.69 | 5.86 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 60 | 11.08 | 32.79 | 9.72 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 70 | 10.97 | 32.81 | 11.41 | | | | | |
| W9804A | 4/5/98 | 9:44 | 9 | NH-15 | 44.65 | -124.41 | 80 | | | 14.14 | | | | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 2 | 11.64 | 31.49 | 4.17 | | 9.54 | 1.05 | | 3.09 |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 4 | 11.64 | 31.53 | | | 7.94 | 1.05 | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 10 | 11.64 | 31.55 | 4.61 | | 10.34 | 1.05 | | 3.53 |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 19 | 11.59 | 31.94 | | | 10.83 | 1.51 | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 31 | 11.03 | 32.46 | 6.30 | | 9.40 | 1.18 | | 4.21 |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 32 | 10.89 | 32.57 | | | 9.83 | 1.17 | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 39 | 10.70 | 32.72 | | | 6.87 | 0.67 | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 50 | 10.06 | 33.00 | 14.46 | | 5.36 | 0.48 | | 1.94 |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 60 | 10.00 | 33.02 | | | 6.12 | 0.43 | | |
| W9804A | 4/10/98 | 22:58 | 48 | NH-15 | 44.65 | -124.41 | 69 | 9.92 | 33.05 | | | 6.98 | 0.44 | | |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 2 | 11.55 | 32.62 | 4.34 | | 11.11 | 1.18 | | 3.17 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 10 | 11.55 | 32.62 | 5.11 | | 11.03 | 1.36 | | 3.46 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 20 | 11.40 | 32.63 | 4.01 | | 9.36 | 1.24 | | 2.49 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 30 | 11.37 | 32.64 | 3.72 | | 13.19 | 1.67 | | 1.42 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 35 | 11.36 | 32.64 | 4.07 | | 11.49 | 1.50 | | 1.85 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 40 | 11.34 | 32.70 | 5.47 | | 8.71 | 1.11 | | 1.41 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 50 | 11.17 | 32.75 | 9.43 | | 8.19 | 0.69 | | 2.00 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 70 | 10.96 | 32.78 | 8.74 | | 6.77 | 0.59 | | 1.21 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 100 | 10.47 | 33.08 | 15.70 | | 4.49 | 0.48 | | 2.59 |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 200 | | | 34.15 | | | | | |
| W9804A | 4/5/98 | 5:48 | 7 | NH-25 | 44.65 | -124.65 | 244 | | | 36.82 | | | | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 2 | 11.68 | 32.50 | 3.00 | | 6.64 | 0.71 | | 1.76 |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 10 | 11.69 | 32.50 | | | 10.97 | 1.09 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 20 | 11.62 | 32.50 | | | 8.39 | 0.94 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 29 | 11.53 | 32.53 | | | 7.88 | 0.96 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 35 | 11.52 | 32.53 | | | 7.35 | 0.93 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 40 | 11.49 | 32.60 | | | 10.36 | 1.39 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 50 | 11.38 | 32.64 | | | 10.48 | 1.26 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 70 | 11.12 | 32.67 | | | 7.09 | 0.71 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 101 | 10.72 | 32.87 | | | 6.25 | 0.52 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 150 | 8.80 | 33.60 | | | 7.94 | 0.53 | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 300 | 6.49 | 33.99 | | | 3.90 | | | |
| W9804A | 4/5/98 | 4:04 | 6 | NH-35 | 44.65 | -124.88 | 400 | 5.73 | 34.05 | | | 5.46 | | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 2 | 12.09 | 32.10 | 2.75 | | 8.80 | 1.22 | | 1.53 |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 10 | 11.62 | 32.16 | | | 8.24 | 1.27 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 20 | 11.35 | 32.64 | | | 12.74 | 1.59 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 30 | 11.35 | 32.70 | | | 15.59 | 2.06 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 36 | 11.35 | 32.72 | | | 9.32 | 1.44 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 40 | 11.38 | 32.74 | | | 7.31 | 0.99 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 50 | 11.36 | 32.74 | | | 7.81 | 0.81 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 70 | 11.09 | 32.78 | | | 8.03 | 0.62 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 100 | 10.59 | 33.05 | | | 7.93 | 0.44 | | |
| W9804A | 4/5/98 | 0:10 | 5 | NH-45 | 44.65 | -125.12 | 150 | 8.97 | 33.65 | | | 7.43 | 0.65 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 10 | 11.01 | 32.67 | 6.12 | | 9.90 | 1.31 | | 4.73 |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 20 | 10.97 | 32.69 | | | 12.92 | 1.46 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 30 | 10.95 | 32.69 | | | 9.70 | 1.03 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 40 | 10.96 | 32.69 | | | 7.49 | 1.02 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 45 | 10.95 | 32.69 | | | 8.09 | 1.09 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 51 | 10.94 | 32.69 | | | 6.32 | 0.82 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 70 | 10.91 | 32.71 | | | 5.35 | 0.70 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 100 | 9.76 | 33.32 | | | 4.94 | 0.47 | | |
| W9804A | 4/4/98 | 18:29 | 3 | NH-65 | 44.65 | -125.6 | 150 | 8.38 | 33.76 | | | 6.53 | 0.43 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 2 | 11.03 | 32.67 | 3.61 | | 7.87 | 0.95 | | 1.58 |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 10 | 11.02 | 32.67 | | | 6.23 | 0.87 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 21 | 11.01 | 32.67 | | | 10.06 | 1.01 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 29 | 10.98 | 32.67 | | | 9.23 | 1.23 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 40 | 10.93 | 32.67 | | | 11.72 | 1.39 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 50 | 10.90 | 32.67 | | | 7.79 | 1.01 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 69 | 10.79 | 32.65 | | | 7.07 | 0.81 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 101 | 10.24 | 32.91 | | | 6.62 | 0.44 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 150 | 8.65 | 33.70 | | | 7.89 | 0.56 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 864 | 3.88 | 34.34 | | | 7.84 | 0.41 | | |
| W9804A | 4/4/98 | 15:38 | 2 | NH-85 | 44.65 | -126.05 | 1006 | 3.56 | 34.40 | | | 0.67 | | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 2 | 12.31 | 31.85 | 9.14 | | 25.34 | 2.81 | | 3.81 |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 5 | 11.74 | 32.14 | | | 17.22 | 2.02 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 10 | 11.43 | 32.62 | | | 13.74 | 1.59 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 15 | 10.86 | 32.87 | | | 13.07 | 1.29 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 20 | 10.26 | 33.07 | | | 11.67 | 1.18 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 25 | 10.05 | 33.19 | | | 9.77 | 0.99 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 29 | 9.54 | 33.39 | | | 11.12 | 0.83 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 41 | 9.31 | 33.47 | | | 8.95 | 0.57 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 45 | 9.19 | 33.50 | | | 8.11 | 0.72 | | |
| W9804A | 4/6/98 | 0:03 | 15 | FM-03 | 43.22 | -124.5 | 49 | 9.17 | 33.50 | | | 8.39 | 0.70 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 2 | 12.20 | 32.07 | 2.90 | | 11.63 | 1.22 | | 1.62 |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 5 | 12.19 | 32.07 | | | 13.16 | 1.32 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 10 | 11.77 | 32.33 | | | 10.29 | 1.13 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 20 | 11.80 | 32.56 | | | 15.75 | 1.85 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 30 | 11.50 | 32.62 | | | 16.55 | 1.94 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 36 | 11.34 | 32.64 | | | 13.73 | 1.53 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 40 | 11.30 | 32.67 | | | 7.97 | 0.83 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 45 | 11.21 | 32.71 | | | 10.17 | 1.01 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 50 | 11.03 | 32.75 | | | 8.56 | 0.78 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 60 | 10.47 | 32.96 | | | 10.75 | 1.04 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 70 | 10.04 | 33.17 | | | 15.05 | 1.52 | | |
| W9804A | 4/6/98 | 1:30 | 16 | FM-04 | 43.22 | -124.58 | 75 | 9.15 | 33.51 | | | 9.29 | 0.87 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 2 | 12.18 | 31.89 | 2.71 | | 8.77 | 1.07 | | 1.59 |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 10 | 11.69 | 32.36 | | | 11.22 | 1.38 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 21 | 11.48 | 32.56 | | | 4.35 | 0.62 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 30 | 11.38 | 32.59 | | | 10.60 | 1.50 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 40 | 11.34 | 32.66 | | | 3.69 | 0.45 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 51 | 11.34 | 32.70 | | | 7.04 | 1.22 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 60 | 11.11 | 32.73 | | | 5.49 | 0.84 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 71 | 10.93 | 32.79 | | | 9.51 | 1.11 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 101 | 8.50 | 33.71 | | | 8.00 | 0.76 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 135 | 7.91 | 33.87 | | | 6.92 | 0.66 | | |
| W9804A | 4/6/98 | 3:39 | 17 | FM-05 | 43.22 | -124.67 | 147 | 7.91 | 33.87 | | | 11.28 | 0.83 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 2 | 11.63 | 32.44 | 2.90 | | 10.16 | 1.18 | | 1.71 |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 9 | 11.39 | 32.58 | | | 9.63 | 1.42 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 20 | 11.36 | 32.60 | | | 8.84 | 1.14 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 26 | 11.30 | 32.61 | | | 8.09 | 0.95 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 30 | 11.30 | 32.64 | | | 9.59 | 1.10 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 40 | 11.29 | 32.67 | | | 6.30 | 0.76 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 50 | 11.25 | 32.70 | | | 5.62 | 0.55 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 71 | 11.00 | 32.82 | | | 7.45 | 0.72 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 101 | 9.65 | 33.45 | | | 6.50 | 0.69 | | |
| W9804A | 4/6/98 | 5:33 | 19 | FM-07 | 43.22 | -124.83 | 150 | 8.23 | 33.82 | | | 5.31 | 0.47 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 2 | 11.55 | 32.21 | 2.20 | | 10.47 | 0.85 | | 1.27 |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 10 | 11.65 | 32.25 | | | 8.29 | 0.91 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 20 | 11.50 | 32.45 | | | 12.14 | 1.23 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 24 | 11.41 | 32.45 | | | 11.51 | 1.09 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 30 | 11.38 | 32.50 | | | 12.14 | 1.23 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 41 | 11.26 | 32.56 | | | 10.00 | 0.90 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 50 | 11.33 | 32.62 | | | 6.77 | 0.61 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 69 | 11.00 | 32.69 | | | 6.56 | 0.57 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 100 | 10.25 | 33.08 | | | 5.95 | 0.43 | | |
| W9804A | 4/6/98 | 7:36 | 20 | FM-08 | 43.22 | -125. | 151 | 8.63 | 33.70 | | | 5.07 | 0.27 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 2 | 10.90 | 31.33 | 11.02 | | 14.14 | 2.00 | | 3.06 |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 5 | 10.89 | 31.34 | | | 14.52 | 2.53 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 8 | 10.91 | 31.42 | | | 13.42 | 2.08 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 10 | 10.93 | 31.44 | | | 11.00 | 1.63 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 15 | 10.98 | 31.66 | | | 13.76 | 2.03 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 19 | 10.70 | 32.34 | | | 14.31 | 2.36 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 25 | 10.48 | 32.73 | | | 9.82 | 1.22 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 29 | 10.24 | 32.99 | | | 13.08 | 1.47 | | |
| W9804A | 4/9/98 | 15:58 | 37 | CR-01 | 41.90 | -124.3 | 34 | 10.02 | 33.14 | | | 15.13 | 1.44 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 2 | 11.43 | 32.07 | 6.24 | | 15.00 | 1.87 | | 2.93 |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 5 | 11.43 | 32.07 | | | 14.03 | 2.10 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 10 | 11.43 | 32.07 | | | 13.66 | 2.02 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 19 | 10.96 | 32.15 | | | 18.62 | 2.56 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 24 | 10.88 | 32.25 | | | 19.24 | 2.77 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 31 | 10.78 | 32.72 | | | 9.43 | 0.89 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 40 | 10.53 | 32.93 | | | 8.66 | 0.79 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 50 | 10.11 | 33.05 | | | 8.19 | 0.71 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 61 | 9.58 | 33.37 | | | 8.41 | 0.57 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 70 | 8.80 | 33.70 | | | 3.52 | | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 100 | 8.59 | 33.76 | | | 9.76 | 0.60 | | |
| W9804A | 4/9/98 | 14:03 | 35 | CR-03 | 41.90 | -124.5 | 117 | 8.57 | 33.76 | | | 10.68 | 0.83 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 2 | 11.56 | 32.31 | 3.75 | | 8.59 | 1.23 | | 2.36 |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 10 | 11.55 | 32.31 | | | 7.69 | 1.02 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 20 | 11.54 | 32.34 | | | 10.93 | 1.22 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 29 | 11.52 | 32.37 | | | 8.31 | 1.22 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 35 | 11.51 | 32.40 | | | 8.31 | 1.26 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 40 | 11.50 | 32.43 | | | 8.00 | 1.07 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 51 | 11.44 | 32.49 | | | 9.29 | 1.08 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 70 | 10.82 | 32.82 | | | 6.59 | 0.91 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 99 | 8.90 | 33.63 | | | 5.58 | 0.40 | | |
| W9804A | 4/9/98 | 17:58 | 38 | CR-04 | 41.90 | -124.6 | 149 | 7.70 | 33.92 | | | 7.08 | 0.41 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 4 | 11.35 | 32.47 | 4.30 | | 8.08 | 1.07 | | 3.23 |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 9 | 11.35 | 32.47 | | | 8.88 | 0.88 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 20 | 11.34 | 32.47 | | | 9.04 | 1.15 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 29 | 11.27 | 32.50 | | | 7.94 | 0.87 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 40 | 11.16 | 32.56 | | | 6.64 | 0.97 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 45 | 11.15 | 32.56 | | | 7.06 | 0.97 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 50 | 11.11 | 32.57 | | | 5.64 | 0.76 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 69 | 10.75 | 32.62 | | | 3.71 | 0.39 | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 101 | 10.84 | 33.00 | | | 3.70 | | | |
| W9804A | 4/9/98 | 20:03 | 39 | CR-05 | 41.90 | -124.7 | 150 | 8.67 | 33.74 | | | 4.02 | | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 2 | 11.51 | 32.54 | 9.05 | | 21.81 | 2.50 | | 6.36 |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 10 | 11.49 | 32.54 | | | 13.40 | 1.48 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 20 | 11.48 | 32.54 | | | 11.84 | 1.47 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 30 | 11.47 | 32.54 | | | 10.65 | 1.12 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 40 | 11.47 | 32.54 | | | 11.99 | 1.36 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 50 | 11.47 | 32.54 | | | 9.14 | 1.11 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 60 | 11.57 | 32.59 | | | 7.92 | 0.76 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 70 | 11.82 | 32.73 | | | 7.50 | 0.56 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 100 | 11.14 | 32.72 | | | 8.27 | 0.46 | | |
| W9804A | 4/9/98 | 23:27 | 41 | CR-07 | 41.90 | -125. | 149 | 9.15 | 33.49 | | | 5.56 | | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 3 | 12.05 | 32.80 | 13.54 | | 9.98 | 1.02 | | 12.25 |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 10 | 12.05 | 32.80 | | | 9.30 | 1.01 | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 19 | 12.05 | 32.80 | | | 10.67 | 1.10 | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 40 | 12.06 | 32.80 | | | 7.86 | 0.90 | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 51 | 12.06 | 32.80 | | | 9.65 | 0.92 | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 70 | 11.94 | 32.87 | | | 5.93 | 0.49 | | |
| W9804A | 4/10/98 | 2:58 | 43 | CR-09 | 41.90 | -125.33 | 101 | 11.12 | 33.13 | | | 6.80 | 0.62 | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 1 | | | 9.49 | | | | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 5 | | | | | | | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 15 | | | | | | | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 20 | | | | | | | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 31 | 11.37 | 33.18 | | | 8.83 | 0.89 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 41 | 11.19 | 33.24 | | | 12.52 | 1.00 | | |
| W9804A | 4/7/98 | 12:39 | 22 | COC-02 | 38.65 | -123.45 | 71 | 10.12 | 33.61 | | | 16.76 | 1.91 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 2 | 11.72 | 33.03 | 10.35 | | 8.34 | 0.99 | | 2.90 |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 5 | 11.72 | 33.03 | | | 12.23 | 1.53 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 10 | 11.71 | 33.03 | | | 12.25 | 1.51 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 25 | 11.58 | 33.10 | | | 15.83 | 2.14 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 30 | 11.39 | 33.16 | | | 9.47 | 1.19 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 40 | 11.08 | 33.27 | | | 6.98 | 0.61 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 51 | 10.91 | 33.34 | | | 4.79 | 0.32 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 61 | 10.46 | 33.48 | | | 5.43 | 0.37 | | |
| W9804A | 4/7/98 | 15:34 | 23 | COC-04 | 38.60 | -123.51 | 101 | 9.62 | 33.71 | | | 7.22 | 0.65 | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 10 | 12.11 | 32.82 | 7.30 | | 13.18 | 1.98 | | 3.85 |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 20 | 12.11 | 32.82 | | | 5.89 | 0.64 | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 31 | 12.11 | 32.89 | | | 4.68 | 0.27 | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 41 | 11.58 | 33.20 | | | 7.67 | 0.68 | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 49 | 11.27 | 33.23 | | | 5.76 | | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 70 | 10.14 | 33.56 | | | 4.83 | | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 99 | 9.57 | 33.68 | | | | | | |
| W9804A | 4/7/98 | 17:35 | 24 | COC-05 | 38.58 | -123.56 | 125 | 9.04 | 33.82 | | | 5.98 | 0.30 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 3 | 12.49 | 32.80 | 3.70 | | 6.75 | 0.82 | | 2.60 |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 10 | 12.49 | 32.80 | | | 7.61 | 0.87 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 20 | 12.47 | 32.79 | | | 8.00 | 0.96 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 30 | 12.47 | 32.79 | | | 6.81 | 0.85 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 41 | 12.47 | 32.80 | | | 7.47 | 0.95 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 51 | 12.48 | 32.81 | | | 8.78 | 0.93 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 71 | 11.85 | 33.27 | | | 5.03 | 0.42 | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 98 | 9.99 | 33.55 | | | 3.96 | | | |
| W9804A | 4/7/98 | 19:31 | 26 | COC-07 | 38.50 | -123.66 | 151 | 9.03 | 33.84 | | | 3.66 | | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 3 | 12.64 | 32.82 | 2.66 | | 8.58 | 0.77 | | 1.83 |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 10 | 12.64 | 32.82 | | | 10.65 | 0.92 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 19 | 12.63 | 32.82 | | | 9.81 | 0.93 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 29 | 12.64 | 32.82 | | | 9.36 | 0.84 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 39 | 12.61 | 32.82 | | | 8.06 | 0.84 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 50 | 12.60 | 32.82 | | | 8.04 | 0.74 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 70 | 12.02 | 33.07 | | | 5.27 | 0.40 | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 80 | 11.18 | 33.24 | | | 3.37 | | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 101 | 10.08 | 33.54 | | | 5.61 | | | |
| W9804A | 4/8/98 | 0:07 | 28 | COC-09 | 38.40 | -123.82 | 150 | 8.63 | 33.89 | | | 2.64 | | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 3 | 12.62 | 32.81 | 2.91 | | 8.32 | 0.95 | | 1.60 |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 10 | 12.62 | 32.81 | | | 7.42 | 0.83 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 19 | 12.62 | 32.81 | | | 8.07 | 0.95 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 29 | 12.62 | 32.81 | | | 6.24 | 0.75 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 41 | 12.62 | 32.81 | | | 8.06 | 0.78 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 50 | 12.62 | 32.81 | | | 10.57 | 0.77 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 60 | 12.62 | 32.81 | | | 9.71 | 0.87 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 70 | 12.47 | 32.87 | | | 5.47 | 0.50 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 99 | 10.14 | 33.35 | | | 4.47 | 0.35 | | |
| W9804A | 4/8/98 | 3:56 | 29 | COC-11 | 38.29 | -123.99 | 151 | 8.70 | 33.77 | | | 3.71 | | | |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 0 | 10.30 | 33.24 | 20.82 | 95.95 | 39.15 | 5.30 | 56.80 | 7.11 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 5 | 10.40 | 33.23 | 21.39 | 81.69 | 57.18 | | 24.51 | |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 10 | 10.20 | 33.25 | | 74.01 | 34.41 | 4.38 | 39.60 | |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.80 | 33.29 | 25.96 | 69.15 | 10.95 | 1.38 | 58.20 | 0.71 |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 20 | 8.80 | 33.37 | 28.16 | 61.09 | 13.30 | 1.19 | 47.79 | 5.48 |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 25 | 8.20 | 33.61 | 29.54 | 56.53 | 8.80 | 1.09 | 47.73 | 1.81 |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 30 | 8.00 | 33.69 | 31.66 | 53.13 | 8.70 | 0.86 | 44.43 | 1.89 |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.80 | 33.81 | 33.86 | 63.10 | 19.17 | | 43.93 | |
| W9808A | 8/6/98 | 20:36 | 3 | NH-05 | 44.65 | -124.18 | 52 | 7.80 | 33.81 | 35.49 | 72.22 | 28.21 | 1.93 | 44.01 | 3.07 |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 0 | 12.00 | 32.42 | 13.32 | 121.38 | 52.05 | 6.68 | 69.34 | 4.30 |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 5 | 11.60 | 32.54 | | 128.66 | 74.98 | 11.63 | 53.69 | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 10 | 11.50 | 32.60 | | 114.66 | 79.96 | 14.27 | 34.70 | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 20 | 9.60 | 32.55 | 14.34 | 68.80 | 13.30 | 1.54 | 55.50 | 2.94 |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 30 | 8.90 | 32.79 | 16.34 | 79.05 | | | | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 50 | 8.80 | 33.27 | | 55.98 | | | | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 60 | 8.50 | 33.56 | | 54.52 | 17.30 | | 37.22 | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 70 | 8.40 | 33.66 | | 61.28 | 12.16 | | 49.12 | |
| W9808A | 8/7/98 | 9:29 | 7 | NH-15 | 44.65 | -124.41 | 85 | 7.90 | 33.79 | | 99.39 | 37.62 | | 61.77 | |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 0 | 14.50 | 31.82 | 8.69 | 83.12 | 13.80 | 1.36 | 69.32 | 5.24 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 10 | 14.30 | 31.86 | 7.47 | 69.77 | 16.50 | 1.89 | 53.27 | 3.41 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 20 | 10.40 | 32.50 | 7.93 | 66.98 | 13.40 | 1.80 | 53.58 | 3.56 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 25 | 10.20 | 32.54 | 9.83 | 58.96 | 5.73 | 0.78 | 53.23 | 5.19 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 30 | 9.90 | 32.56 | 12.19 | 71.06 | | 1.08 | | 5.42 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 40 | 9.40 | 32.61 | 15.47 | 58.67 | 7.50 | | 51.17 | |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 50 | 9.10 | 32.78 | 18.06 | 62.53 | 12.50 | | 50.03 | |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 70 | 8.70 | 33.34 | 28.87 | 56.90 | 2.84 | | 54.06 | |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 100 | 8.10 | 33.70 | 34.58 | 55.58 | 7.42 | 0.60 | 48.16 | 5.22 |
| W9808A | 8/7/98 | 6:20 | 5 | NH-25 | 44.65 | -124.65 | 200 | 7.40 | 33.95 | | 78.17 | 11.39 | 1.06 | 66.78 | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 0 | 15.20 | 31.60 | 9.91 | 88.33 | 22.80 | 2.95 | 65.53 | 6.46 |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 10 | 15.20 | 31.61 | | | 15.60 | 1.58 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 20 | 11.60 | 32.28 | | | 11.70 | 1.43 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 25 | 10.80 | 32.43 | | | 10.50 | 1.34 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 30 | 10.40 | 32.50 | | | 13.60 | 2.04 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.90 | 32.55 | | | 14.00 | 0.97 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.60 | 32.58 | | | 4.50 | | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 70 | 9.40 | 33.03 | | | 5.50 | | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.40 | 33.51 | | | 7.75 | 0.79 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 150 | 7.90 | 33.89 | | | 8.08 | 0.69 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 235 | 7.20 | 33.97 | | | 6.99 | 0.97 | | |
| W9808A | 8/7/98 | 11:35 | 8 | NH-35 | 44.65 | -124.88 | 410 | 6.00 | 34.02 | | | 8.85 | 0.87 | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 0 | 15.80 | 31.29 | 8.16 | 93.11 | 24.60 | 1.48 | 68.51 | 6.36 |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 20 | 10.60 | 32.49 | | | 12.30 | 1.09 | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 25 | 10.10 | 32.54 | | | 8.72 | 1.12 | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 30 | 10.00 | 32.55 | | | 10.50 | 1.50 | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.60 | 32.59 | | | 8.50 | 0.84 | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.40 | 32.70 | | | 7.80 | | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.80 | 33.41 | | | 6.60 | | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.50 | 33.93 | | | | | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.70 | 34.06 | | | | | | |
| W9808A | 8/7/98 | 13:40 | 9 | NH-45 | 44.65 | -125.12 | 680 | 4.60 | 34.21 | | | 6.09 | 0.57 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 0 | 16.80 | 30.76 | 7.40 | 80.47 | 10.04 | 1.16 | 70.43 | 5.93 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 10 | 16.70 | 30.83 | | | 7.37 | 0.89 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 20 | 13.60 | 32.22 | | | 4.70 | 0.66 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 30 | 10.90 | 32.62 | | | 5.60 | 0.65 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 40 | 10.60 | 32.61 | | | 4.80 | 0.67 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 45 | 10.30 | 32.59 | | | 12.50 | 0.90 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 50 | 9.80 | 32.57 | | | 17.60 | 0.98 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 70 | 9.20 | 32.89 | | | 12.30 | | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.90 | 33.53 | | | 20.20 | | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.10 | 33.83 | | | 4.96 | 0.60 | | |
| W9808A | 8/7/98 | 18:45 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.50 | 34.43 | | | 8.87 | 0.92 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 0 | 17.50 | 31.46 | 6.79 | 69.23 | 10.10 | 0.94 | 59.13 | 5.72 |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 20 | 15.80 | 31.80 | | | 6.90 | 0.85 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 30 | 12.70 | 32.41 | | | 14.96 | 0.73 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 40 | 11.20 | 32.56 | | | 3.90 | 0.56 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 50 | 10.90 | 32.59 | | | 6.90 | 0.70 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 60 | 10.30 | 32.59 | | | 6.10 | | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.90 | 32.58 | | | 11.89 | | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 100 | 9.40 | 33.10 | | | 4.06 | | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 150 | 8.00 | 33.79 | | | 12.78 | 0.43 | | |
| W9808A | 8/7/98 | 22:32 | 12 | NH-85 | 44.65 | -126.05 | 1000 | 3.50 | 34.41 | | | | | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 0 | 10.10 | 33.56 | 26.68 | 89.75 | 47.52 | 6.61 | 42.23 | 7.80 |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 5 | 10.00 | 33.56 | | | 40.93 | 5.63 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 10 | 9.70 | 33.55 | | | 60.20 | 10.21 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 15 | 9.60 | 33.54 | | | 61.33 | 10.01 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 20 | 9.40 | 33.56 | | | 16.09 | 2.76 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 25 | 8.90 | 33.61 | | | 4.71 | 1.38 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 30 | 8.70 | 33.72 | | | 15.39 | 1.14 | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 40 | 8.60 | 33.79 | | | 10.03 | | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 50 | 8.50 | 33.83 | | | 6.53 | | | |
| W9808A | 8/8/98 | 19:41 | 19 | FM-03 | 43.22 | -124.5 | 60 | 8.50 | 33.83 | | | 17.11 | 1.30 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 0 | 10.58 | 33.35 | | 94.48 | 73.21 | 11.70 | 21.27 | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 5 | 10.58 | 33.35 | | | 44.35 | 6.34 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 8 | 10.24 | 33.36 | | | 54.59 | 9.16 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 10 | 10.20 | 33.37 | | | 28.04 | 4.28 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 20 | 9.58 | 33.47 | | | 15.73 | 1.94 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 29 | 9.05 | 33.56 | | | 11.58 | | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 40 | 9.08 | 33.68 | | | 11.65 | 1.26 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 50 | 8.63 | 33.78 | | | 28.52 | 1.65 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 59 | 8.45 | 33.83 | | | 7.75 | 1.18 | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 70 | 8.40 | 33.86 | | | 13.68 | | | |
| W9808A | 8/8/98 | 18:15 | 18 | FM-04 | 43.22 | -124.58 | 77 | 8.40 | 33.86 | | | 10.94 | 1.37 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 0 | 11.50 | 33.23 | 11.41 | 65.04 | 21.90 | 2.84 | 43.14 | 5.67 |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 10 | 11.40 | 33.23 | | | 24.82 | 3.40 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 15 | 11.50 | 33.23 | | | 12.25 | 1.44 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 20 | 11.40 | 33.23 | | | 14.01 | 1.73 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 30 | 10.50 | 33.28 | | | 11.04 | 1.22 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 40 | 9.60 | 33.41 | | | 13.58 | 1.05 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 50 | 8.80 | 33.60 | | | 9.88 | 0.47 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 60 | 8.80 | 33.72 | | | 10.67 | 0.57 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 70 | 8.70 | 33.77 | | | 16.45 | 0.69 | | |
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 100 | 8.40 | 33.87 | | | 6.61 | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/8/98 | 16:36 | 17 | FM-05 | 43.22 | -124.67 | 140 | 8.20 | 33.92 | | | 14.81 | 1.42 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 0 | 12.00 | 33.01 | | 60.43 | 17.61 | 2.75 | 42.81 | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 10 | 11.80 | 33.06 | | | 10.70 | 1.38 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 15 | 11.40 | 33.02 | | | 16.19 | 2.48 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 20 | 9.40 | 33.00 | | | 18.72 | 2.51 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 30 | 9.20 | 33.32 | | | 5.84 | 0.44 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 40 | 9.00 | 33.51 | | | 7.01 | | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 51 | 8.90 | 33.66 | | | 4.99 | | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 70 | 8.80 | 33.73 | | | 8.52 | | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 100 | 8.60 | 33.84 | | | 7.91 | | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 152 | 8.00 | 33.99 | | | 7.18 | 0.46 | | |
| W9808A | 8/8/98 | 13:58 | 15 | FM-07 | 43.22 | -124.83 | 250 | 7.60 | 34.02 | | | 5.26 | 0.44 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 0 | 12.10 | 32.82 | 9.00 | 58.66 | 13.32 | 1.31 | 45.34 | 7.35 |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 10 | 12.10 | 32.82 | | | 17.40 | 2.44 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 20 | 12.00 | 33.03 | | | 12.63 | 1.31 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 25 | 10.90 | 32.87 | | | 11.41 | 0.99 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 30 | 10.80 | 32.91 | | | 8.94 | 0.95 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 40 | 9.30 | 33.06 | | | 4.08 | | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 49 | 9.20 | 33.28 | | | 3.66 | 0.57 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 70 | 9.10 | 33.67 | | | 6.30 | | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 100 | 8.80 | 33.77 | | | 9.06 | | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 150 | 8.30 | 33.95 | | | | 0.49 | | |
| W9808A | 8/8/98 | 11:20 | 14 | FM-08 | 43.22 | -125. | 1005 | 3.70 | 34.41 | | | | 0.47 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 0 | 12.70 | 32.93 | 10.56 | 63.66 | 9.20 | 1.52 | 54.46 | 8.64 |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 10 | 12.70 | 32.95 | | | 18.40 | 2.70 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 20 | 12.40 | 33.04 | | | 19.40 | 2.88 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 30 | 11.80 | 33.19 | | | 20.70 | 2.79 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 40 | 11.10 | 33.26 | | | 13.80 | 1.24 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 50 | 9.40 | 33.18 | | | 19.00 | 1.33 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 70 | 9.30 | 33.45 | | | | | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 85 | 9.00 | 33.62 | | | | | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 100 | 8.70 | 33.66 | | | 5.60 | | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 150 | 8.10 | 33.94 | | | 8.69 | 0.49 | | |
| W9808A | 8/8/98 | 8:07 | 13 | FM-09 | 43.22 | -125.17 | 1005 | 3.60 | 34.42 | | 37.45 | | 0.46 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 0 | 11.60 | 33.43 | 16.69 | 68.39 | 11.38 | 1.83 | 57.01 | 8.50 |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 5 | 10.90 | 33.45 | | | 16.35 | 2.21 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 10 | 10.40 | 33.46 | | | 14.37 | 1.91 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 15 | 10.10 | 33.49 | | | 15.04 | 1.43 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 20 | 9.80 | 33.55 | | | 19.38 | 1.96 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 25 | 9.60 | 33.60 | | | 11.84 | 1.47 | | |
| W9808A | 8/9/98 | 20:09 | 29 | CR-01 | 41.90 | -124.3 | 37 | 9.30 | 33.69 | | | 10.89 | 0.79 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 0 | 12.20 | 32.75 | 5.12 | 63.21 | 7.86 | 1.10 | 55.35 | 1.95 |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 5 | 12.20 | 32.75 | | | 11.55 | 1.61 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 17 | 11.10 | 32.78 | | | 13.18 | 1.19 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 20 | 10.50 | 32.89 | | | 9.19 | 0.79 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 30 | 10.00 | 33.08 | | | 6.17 | 0.56 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 40 | 9.70 | 33.23 | | | 15.24 | 0.73 | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 50 | 9.50 | 33.37 | | | | | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 60 | 9.30 | 33.48 | | | 3.59 | | | |
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 70 | 9.10 | 33.60 | | | 10.41 | 0.51 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/9/98 | 16:59 | 27 | CR-03 | 41.90 | -124.5 | 100 | 8.60 | 33.86 | | | | | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 0 | 12.60 | 32.71 | 3.72 | | | 0.89 | | 1.97 |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 10 | 12.20 | 32.72 | | | 9.81 | 1.51 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 20 | 12.10 | 32.74 | | | | 1.00 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 25 | 11.80 | 32.82 | | | 6.49 | 0.94 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 30 | 11.80 | 33.05 | | | 5.83 | 0.84 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 40 | 10.10 | 32.92 | | | 9.75 | 0.80 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 50 | 9.70 | 33.19 | | | 6.23 | 0.52 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 70 | 9.30 | 33.46 | | | 5.89 | | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 100 | 8.80 | 33.74 | | | 13.01 | | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 150 | 8.20 | 33.92 | | | 11.83 | 0.58 | | |
| W9808A | 8/9/98 | 14:42 | 26 | CR-04 | 41.90 | -124.6 | 460 | 5.70 | 34.11 | | | 20.78 | 0.53 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 0 | 13.60 | 32.65 | 3.20 | 84.69 | 11.10 | 1.04 | 73.59 | 1.42 |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 10 | 13.60 | 32.65 | | | 6.93 | 0.88 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 20 | 13.40 | 32.65 | | | 7.84 | 0.75 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 30 | 13.20 | 32.79 | | | 7.04 | 0.78 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 40 | 12.00 | 33.16 | | | 6.64 | 0.74 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 47 | 11.10 | 33.26 | | | 8.15 | 1.16 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 50 | 10.90 | 33.27 | | | 8.85 | 0.61 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 70 | 9.70 | 33.42 | | | 8.21 | 0.61 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 100 | 8.80 | 33.70 | | | | | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 150 | 7.90 | 33.90 | | | 8.09 | 0.37 | | |
| W9808A | 8/9/98 | 13:17 | 25 | CR-05 | 41.90 | -124.7 | 510 | 5.30 | 34.15 | | | 9.13 | 0.37 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 0 | 13.70 | 32.82 | | 74.45 | 14.25 | 2.12 | 60.19 | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 10 | 13.70 | 32.82 | | | 9.71 | 1.32 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 20 | 13.70 | 32.82 | | | 10.12 | 1.28 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 30 | 11.20 | 32.77 | | | 16.35 | 1.88 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 40 | 11.00 | 33.25 | | | 14.89 | 1.86 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 50 | 9.90 | 33.25 | | | 10.25 | 0.81 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 70 | 9.70 | 33.55 | | | 10.99 | 0.61 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 100 | 8.80 | 33.73 | | | | | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 150 | 8.10 | 33.90 | | | 18.91 | 0.54 | | |
| W9808A | 8/9/98 | 9:25 | 23 | CR-07 | 41.90 | -125. | 780 | 4.20 | 34.34 | | | | | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 0 | 13.50 | 32.81 | | 78.36 | 23.09 | 3.12 | 55.28 | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 10 | 12.70 | 32.81 | | | 22.52 | 3.11 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 20 | 11.90 | 32.81 | | | 17.65 | 2.58 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 30 | 11.40 | 32.64 | | | 8.75 | 1.11 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 40 | 10.00 | 32.78 | | | 6.19 | 0.75 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 50 | 9.80 | 33.05 | | | | | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 70 | 9.80 | 33.36 | | | | | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 100 | 9.10 | 33.69 | | | | | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 150 | 8.10 | 33.89 | | | 6.96 | 0.51 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 750 | 4.20 | 34.31 | | | | 0.28 | | |
| W9808A | 8/9/98 | 5:00 | 21 | CR-09 | 41.90 | -125.33 | 1005 | 3.60 | 34.42 | | | | 0.75 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 0 | 12.90 | 33.36 | 16.97 | 98.49 | 36.16 | 4.99 | 62.34 | 8.44 |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 5 | 12.90 | 33.37 | | | 39.80 | 6.67 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 10 | 11.70 | 33.50 | | | 28.38 | 3.78 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 15 | 11.00 | 33.53 | | | 53.70 | 6.36 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 20 | 10.40 | 33.60 | | | 31.14 | 4.77 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 25 | 10.20 | 33.61 | | | 42.25 | 5.14 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 30 | 10.00 | 33.64 | | | 13.88 | 2.41 | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 40 | 9.20 | 33.78 | | | | | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 50 | 8.90 | 33.84 | | | | | | |
| W9808A | 8/10/98 | 2:25 | 30 | EU-01 | 40.87 | -124.27 | 55 | 8.90 | 33.85 | | | | | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 0 | 11.60 | 33.13 | 15.95 | 70.21 | 6.38 | 1.03 | 63.83 | 9.09 |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 5 | 11.60 | 33.13 | | | 10.90 | 1.60 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 10 | 11.20 | 33.18 | | | | 0.92 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 20 | 10.40 | 33.25 | | | | 0.90 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 25 | 10.20 | 33.24 | | | 8.13 | 0.82 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 30 | 10.10 | 33.30 | | | 6.02 | 0.87 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 40 | 9.70 | 33.56 | | | 6.87 | 0.43 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 50 | 9.40 | 33.68 | | | | | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 60 | 9.00 | 33.79 | | | | 0.48 | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 70 | 8.90 | 33.82 | | | | | | |
| W9808A | 8/10/98 | 3:47 | 31 | EU-02 | 40.87 | -124.37 | 105 | 8.50 | 33.91 | | | 20.12 | 1.01 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 0 | 12.10 | 33.11 | 17.41 | 67.09 | 13.60 | 2.08 | 53.48 | 7.49 |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 10 | 11.90 | 33.11 | | | 14.77 | 2.21 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 20 | 11.10 | 33.19 | | | 11.22 | 2.03 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 25 | 10.80 | 33.33 | | | 11.76 | 1.92 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 30 | 10.60 | 33.46 | | | 12.43 | 1.86 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 40 | 10.00 | 33.54 | | | 10.24 | 1.66 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 50 | 9.50 | 33.63 | | | 8.35 | 1.19 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 70 | 9.30 | 33.80 | | | 5.94 | | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 100 | 9.00 | 33.86 | | | | | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 150 | 8.60 | 33.95 | | | 6.65 | 0.44 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 325 | 6.40 | 34.08 | | | 9.27 | 0.29 | | |
| W9808A | 8/10/98 | 5:32 | 32 | EU-03 | 40.87 | -124.47 | 350 | 6.20 | 34.09 | | | 7.52 | 0.42 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 0 | 13.60 | 32.92 | 13.02 | 77.52 | 16.02 | 1.89 | 61.50 | 6.63 |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 10 | 12.80 | 32.93 | | | 12.95 | 1.79 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 20 | 11.80 | 33.14 | | | 16.51 | 1.92 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 30 | 10.60 | 33.40 | | | 14.02 | 1.62 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 40 | 10.10 | 33.52 | | | 7.75 | 1.23 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 50 | 9.90 | 33.64 | | | 5.07 | | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 70 | 9.50 | 33.73 | | | | | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 100 | 9.00 | 33.86 | | | 4.79 | | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 150 | 8.70 | 33.93 | | | | 0.62 | | |
| W9808A | 8/10/98 | 9:07 | 34 | EU-05 | 40.87 | -124.67 | 710 | 4.50 | 34.29 | | | | 0.55 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 0 | 13.80 | 32.65 | 7.83 | 62.55 | 0.16 | 2.14 | 62.39 | 5.66 |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 10 | 13.80 | 32.65 | | | 4.34 | 1.96 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 20 | 12.20 | 32.76 | | | 8.06 | 1.92 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 25 | 11.80 | 32.78 | | | 7.36 | 1.88 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 30 | 11.20 | 32.81 | | | 5.04 | 1.52 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 40 | 11.00 | 32.83 | | | 7.65 | 1.46 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 50 | 10.80 | 32.87 | | | 9.40 | 1.29 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 70 | 10.40 | 33.03 | | | 10.72 | 1.03 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 100 | 9.30 | 33.57 | | | 22.20 | 0.85 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 199 | 7.90 | 33.98 | | | | 0.38 | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 316 | 6.50 | 34.06 | | | 5.44 | | | |
| W9808A | 8/10/98 | 12:39 | 36 | EU-07 | 40.87 | -124.93 | 1000 | 3.70 | 34.42 | | | | | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 0 | 11.00 | 33.63 | 30.60 | 55.14 | 9.60 | 0.89 | 45.55 | 7.21 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 5 | 10.90 | 33.63 | | | 10.40 | 1.09 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 10 | 10.60 | 33.65 | | | 8.43 | 1.03 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 15 | 10.30 | 33.69 | | | 12.11 | 1.07 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 30 | 10.00 | 33.72 | | | 12.91 | 0.74 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 40 | 10.00 | 33.73 | | | 4.09 | 1.01 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 50 | 9.90 | 33.76 | | | 13.59 | 1.13 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 60 | 9.80 | 33.77 | | | 5.79 | 1.10 | | |
| W9808A | 8/11/98 | 2:25 | 37 | COC-02 | 38.65 | -123.45 | 72 | 9.80 | 33.78 | | | 6.79 | 1.40 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 0 | 10.90 | 33.68 | 32.20 | | 7.92 | 1.05 | | 7.71 |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 10 | 10.80 | 33.68 | | | 9.01 | 1.17 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 20 | 10.20 | 33.70 | | | 6.79 | 1.07 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 30 | 10.00 | 33.74 | | | 8.31 | 0.99 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 40 | 9.60 | 33.80 | | | 9.66 | | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 50 | 9.60 | 33.81 | | | 9.25 | | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 60 | 9.60 | 33.83 | | | | 0.98 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 70 | 9.50 | 33.86 | | | | 0.97 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 90 | 9.40 | 33.88 | | | 9.79 | 0.97 | | |
| W9808A | 8/11/98 | 3:55 | 38 | COC-04 | 38.60 | -123.51 | 102 | 9.40 | 33.89 | | | | | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 0 | 10.60 | 33.72 | 33.99 | 55.65 | 8.25 | 1.15 | 47.40 | 6.90 |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 10 | 10.60 | 33.72 | | | 14.59 | 1.34 | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 20 | 10.50 | 33.72 | | | 8.52 | 1.18 | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 30 | 10.20 | 33.73 | | | 13.73 | 1.22 | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 35 | 10.10 | 33.73 | | | 16.64 | 1.15 | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 40 | 10.10 | 33.74 | | | 11.69 | 1.09 | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 50 | 9.80 | 33.78 | | | 6.97 | | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 70 | 9.40 | 33.88 | | | 9.71 | | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 85 | 9.30 | 33.89 | | | 10.79 | | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 100 | 9.30 | 33.90 | | | 22.10 | | | |
| W9808A | 8/11/98 | 5:36 | 39 | COC-05 | 38.58 | -123.56 | 130 | 9.10 | 33.95 | | | 39.93 | | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 0 | 12.10 | 33.31 | 13.40 | 52.79 | 12.20 | 1.83 | 40.59 | 2.49 |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 10 | 12.10 | 33.31 | | | 9.90 | 1.47 | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 20 | 12.10 | 33.31 | | | 10.60 | 1.34 | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 30 | 11.70 | 33.38 | | | 15.75 | 1.42 | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 40 | 11.60 | 33.40 | | | 11.81 | 1.33 | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 50 | 10.50 | 33.60 | | | 7.61 | | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 70 | 10.10 | 33.79 | | | 6.50 | | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 100 | 9.80 | 33.87 | | | 6.67 | | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 150 | 9.40 | 33.96 | | | 12.29 | | | |
| W9808A | 8/11/98 | 8:01 | 41 | COC-07 | 38.50 | -123.66 | 414 | 6.70 | 34.10 | | | | 0.80 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 0 | 12.60 | 33.31 | 13.40 | 57.79 | 18.66 | 2.56 | 39.13 | 2.39 |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 10 | 12.60 | 33.31 | | | 26.19 | 2.86 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 20 | 12.60 | 33.31 | | | 40.16 | 2.84 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 30 | 12.50 | 33.32 | | | 59.52 | 3.99 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 40 | 12.20 | 33.36 | | | 38.66 | 2.86 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 50 | 11.50 | 33.48 | | | 12.24 | 1.91 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 60 | 11.00 | 33.54 | | | 9.17 | 1.12 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 70 | 10.20 | 33.71 | | | 7.66 | 0.98 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 100 | 9.70 | 33.85 | | | 6.23 | | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 150 | 9.40 | 33.93 | | | 7.48 | | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 670 | 4.70 | 34.22 | | | | 0.49 | | |
| W9808A | 8/11/98 | 11:51 | 43 | COC-09 | 38.40 | -123.82 | 1006 | 3.90 | 34.43 | | | 6.34 | 0.47 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 0 | 12.50 | 33.40 | 13.40 | 52.38 | 10.91 | 1.74 | 41.47 | 0.42 |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 10 | 12.50 | 33.40 | | | 19.89 | 2.26 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 15 | 12.50 | 33.40 | | | 11.79 | 1.84 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 20 | 12.50 | 33.40 | | | 12.18 | 1.72 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 30 | 11.70 | 33.41 | | | 14.07 | 1.59 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 40 | 11.20 | 33.51 | | | 18.80 | 1.10 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 50 | 10.80 | 33.57 | | | 7.67 | 0.94 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 70 | 10.40 | 33.69 | | | 16.17 | 0.94 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 100 | 9.80 | 33.82 | | | 18.41 | 1.02 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 150 | 9.10 | 33.94 | | | 7.87 | 0.77 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 800 | 4.50 | 34.36 | | | 9.84 | 0.40 | | |
| W9808A | 8/11/98 | 14:34 | 44 | COC-11 | 38.29 | -123.99 | 1001 | 3.90 | 34.44 | | | 12.08 | 0.47 | | |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 0 | 10.20 | 32.89 | 24.19 | 83.89 | 21.46 | 2.10 | 62.43 | 6.24 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.40 | 32.96 | 24.87 | 87.16 | 13.44 | 1.28 | 73.72 | 5.90 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.10 | 33.10 | 25.30 | 82.10 | 22.63 | 1.45 | 59.47 | 6.25 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 20 | 9.10 | 33.23 | 28.80 | 80.17 | 15.50 | 0.97 | 64.67 | 5.40 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 30 | 9.00 | 33.40 | 31.33 | 82.69 | 12.74 | 1.06 | 69.95 | 6.67 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 40 | 8.80 | 33.70 | 35.73 | 68.04 | 9.04 | 1.17 | 59.00 | 6.37 |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 47 | 8.50 | 33.73 | 37.69 | 66.98 | | | | |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 50 | 8.50 | 33.73 | 37.99 | 60.01 | | | | |
| W9809A | 9/24/98 | 20:06 | 3 | NH-05 | 44.65 | -124.18 | 55 | 8.50 | 33.73 | 38.89 | 57.84 | | | | |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 0 | 14.00 | 31.95 | 8.20 | 79.91 | 24.61 | 3.12 | 55.30 | 4.96 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 10 | 14.20 | 31.96 | 10.60 | 75.41 | 19.08 | 2.39 | 56.33 | 6.74 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 20 | 10.00 | 32.50 | 13.42 | 64.53 | 11.73 | 1.06 | 52.80 | 6.11 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 29 | 9.50 | 32.64 | 17.10 | 62.59 | 11.04 | 0.94 | 51.55 | 6.77 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 39 | 9.10 | 32.73 | 18.21 | 64.60 | 7.14 | 0.88 | 57.46 | 6.17 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 49 | 8.90 | 32.88 | 20.43 | 69.60 | 10.59 | 0.77 | 59.01 | 2.46 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 61 | 8.80 | 33.13 | 24.96 | 64.06 | 12.24 | 0.79 | 51.83 | 6.96 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 70 | 8.80 | 33.28 | 28.76 | 59.44 | 6.52 | 0.68 | 52.92 | 6.19 |
| W9809A | 9/24/98 | 23:03 | 5 | NH-15 | 44.65 | -124.41 | 84 | 8.40 | 33.65 | 34.53 | | 8.27 | 0.82 | | 6.89 |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 0 | 15.20 | 32.17 | | 84.16 | 11.98 | 1.27 | 72.18 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 10 | 15.20 | 32.17 | | 83.63 | 7.97 | 1.15 | 75.66 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 15 | 14.40 | 32.22 | | 82.55 | 11.67 | 1.36 | 70.88 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 20 | 11.50 | 32.44 | | 72.72 | 10.99 | 1.04 | 61.74 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 30 | 10.50 | 32.55 | | 72.59 | 8.78 | 0.73 | 63.81 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 40 | 9.80 | 32.60 | | 69.87 | 4.79 | 0.53 | 65.08 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.50 | 32.63 | | 65.51 | 9.31 | | 56.20 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.90 | 32.88 | | 67.41 | 8.17 | | 59.24 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 149 | 8.20 | 33.81 | | 89.21 | 5.34 | | 83.87 | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.70 | 33.95 | | 53.95 | | | | |
| W9809A | 9/25/98 | 1:51 | 7 | NH-25 | 44.65 | -124.65 | 210 | 7.70 | 33.96 | | 62.20 | 2.99 | | 59.21 | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 0 | 16.00 | 32.03 | | 80.82 | 6.64 | 1.28 | 74.17 | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 10 | 16.00 | 32.03 | | | 5.60 | 0.99 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 20 | 15.00 | 32.01 | | | 8.46 | 1.39 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 25 | 14.00 | 32.21 | | | 8.16 | 1.70 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 30 | 12.50 | 32.41 | | | 6.35 | 1.04 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 40 | 10.80 | 32.53 | | | 4.02 | 0.72 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 50 | 10.00 | 32.57 | | | 2.92 | 0.63 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 70 | 9.40 | 32.74 | | | 3.05 | | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 100 | 9.00 | 33.37 | | | 1.80 | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.10 | 33.86 | | | 3.83 | 0.72 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 275 | 7.20 | 33.99 | | | 3.53 | 0.55 | | |
| W9809A | 9/25/98 | 3:50 | 8 | NH-35 | 44.65 | -124.88 | 430 | 5.30 | 34.09 | | | 3.13 | 0.54 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 0 | 16.30 | 31.98 | 6.75 | 83.81 | 14.51 | 1.77 | 69.30 | 4.84 |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 10 | 16.30 | 31.98 | | | 11.57 | 1.26 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 20 | 16.00 | 32.00 | | | 6.60 | 0.76 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 27 | 14.40 | 32.30 | | | 11.20 | 1.51 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 30 | 13.40 | 32.42 | | | 13.60 | 2.27 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 40 | 11.60 | 32.52 | | | 6.64 | 1.14 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 50 | 10.40 | 32.57 | | | 3.83 | 0.94 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.60 | 32.70 | | | 4.28 | 0.83 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.90 | 33.32 | | | 3.83 | 0.70 | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.10 | 33.85 | | | | | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.20 | 34.10 | | | | | | |
| W9809A | 9/25/98 | 5:39 | 9 | NH-45 | 44.65 | -125.12 | 580 | 4.80 | 34.16 | | | | | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 0 | 16.20 | 32.06 | 6.41 | 72.53 | 5.27 | 0.46 | 67.25 | 5.75 |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 10 | 16.20 | 32.06 | | | 10.49 | 1.34 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 20 | 15.80 | 32.07 | | | 6.22 | 0.57 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 30 | 13.50 | 32.26 | | | 11.35 | 1.50 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 35 | 12.00 | 32.47 | | | 7.65 | 0.97 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 40 | 11.20 | 32.58 | | | 4.52 | 0.40 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 50 | 10.50 | 32.59 | | | 4.87 | 0.44 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 70 | 9.80 | 32.78 | | | 4.38 | 0.38 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 100 | 9.00 | 33.47 | | | 4.55 | 0.34 | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.10 | 33.86 | | | | | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 820 | 4.00 | 34.32 | | | | | | |
| W9809A | 9/25/98 | 10:11 | 11 | NH-65 | 44.65 | -125.6 | 1000 | 3.60 | 34.41 | | | | | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 0 | 17.70 | 31.91 | 5.98 | 74.41 | 8.37 | 0.87 | 66.03 | 5.11 |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 10 | 17.70 | 31.91 | | | 10.20 | 1.06 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 20 | 14.80 | 32.18 | | | 10.31 | 1.05 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 25 | 12.40 | 32.32 | | | 7.54 | 0.97 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 30 | 11.20 | 32.44 | | | 8.75 | 0.94 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 40 | 10.30 | 32.55 | | | 7.42 | 0.52 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.70 | 32.62 | | | 5.22 | 0.43 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.00 | 32.96 | | | 7.27 | 0.34 | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.10 | 33.72 | | | | | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.90 | 33.94 | | | | | | |
| W9809A | 9/25/98 | 13:24 | 12 | NH-85 | 44.65 | -126.05 | 999 | 3.60 | 34.40 | | | | | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 0 | 12.20 | 32.25 | | | 8.37 | 1.27 | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 5 | 12.20 | 32.26 | | | 8.09 | 1.29 | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 10 | 12.20 | 32.28 | | | 7.93 | 1.21 | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 15 | 12.20 | 32.28 | 9.56 | | 12.25 | 1.38 | | 5.60 |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 20 | 12.10 | 32.30 | 9.33 | | 9.02 | 1.19 | | 5.75 |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 25 | 12.20 | 32.32 | 10.04 | | 10.27 | 1.04 | | 6.60 |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 30 | 12.20 | 32.33 | 9.49 | | 10.88 | 1.47 | | 5.63 |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 40 | 12.20 | 32.35 | | | 5.64 | 0.86 | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 50 | 12.00 | 32.46 | | | 10.75 | 1.18 | | |
| W9811A | 11/16/98 | 21:33 | 3 | NH-05 | 44.65 | -124.18 | 55 | 11.40 | 32.81 | | | 10.75 | 1.20 | | |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 0 | 13.00 | 32.37 | | | 11.09 | 1.25 | | |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 5 | 13.00 | 32.37 | | | 11.51 | 1.30 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 10 | 13.00 | 32.37 | | | 5.86 | 0.77 | | |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 20 | 13.00 | 32.36 | 21.01 | | 8.42 | 1.08 | | 19.46 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 30 | 12.30 | 32.45 | 23.18 | | 4.89 | 0.57 | | 21.95 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 40 | 10.30 | 32.99 | 22.14 | | 4.12 | 0.49 | | 10.31 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 50 | 9.90 | 33.15 | 22.92 | | 6.09 | 0.58 | | 5.76 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 60 | 9.90 | 33.18 | 23.54 | | 5.86 | 0.53 | | 5.70 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 70 | 9.80 | 33.23 | 26.89 | | 4.97 | 0.51 | | 8.87 |
| W9811A | 11/17/98 | 1:10 | 5 | NH-15 | 44.65 | -124.41 | 80 | 9.80 | 33.25 | | | 7.16 | 0.59 | | |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 0 | 12.80 | 32.40 | | | 5.99 | 0.86 | | |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 10 | 12.80 | 32.40 | 7.95 | | 4.97 | 0.82 | | 6.87 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 20 | 12.80 | 32.40 | 9.33 | | 7.45 | 1.01 | | 8.06 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 30 | 12.80 | 32.40 | 11.62 | | 6.09 | 0.93 | | 10.43 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 40 | 12.80 | 32.40 | 16.30 | | 5.02 | 0.85 | | 15.00 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 45 | 12.50 | 32.43 | 15.59 | | 4.13 | 0.70 | | 12.56 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 50 | 11.50 | 32.53 | 19.94 | | | 0.37 | | 13.01 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 70 | 9.60 | 33.04 | 31.59 | | | | | 16.81 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 100 | 9.00 | 33.55 | 33.31 | | 3.17 | 0.39 | | 7.93 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 150 | 8.40 | 33.85 | 38.74 | | | | | 9.76 |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.60 | 33.92 | | | | | | |
| W9811A | 11/17/98 | 4:43 | 7 | NH-25 | 44.65 | -124.65 | 288 | | | | | | | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 0 | 12.80 | 32.36 | | | 5.73 | 0.84 | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 10 | 12.80 | 32.36 | | | 5.49 | 0.85 | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 20 | 12.80 | 32.36 | | | 6.43 | 0.90 | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 30 | 12.80 | 32.36 | | | 5.50 | 0.80 | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 40 | 11.10 | 32.56 | | | 3.13 | 0.45 | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 50 | 10.30 | 32.67 | | | 2.79 | | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 70 | 9.60 | 32.92 | | | 2.82 | | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.90 | 33.65 | | | 2.54 | | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.20 | 33.82 | | | | | | |
| W9811A | 11/17/98 | 7:11 | 8 | NH-35 | 44.65 | -124.88 | 420 | 5.50 | 34.07 | | | | | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 0 | 12.90 | 32.33 | 13.62 | | 4.58 | 0.92 | | 12.51 |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 10 | 12.90 | 32.34 | | | 5.15 | 0.86 | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.90 | 32.36 | | | 5.28 | 0.98 | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 30 | 13.00 | 32.37 | | | 6.55 | 1.06 | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 40 | 12.10 | 32.44 | | | 3.79 | 0.66 | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 50 | 10.20 | 32.67 | | | 2.89 | 0.49 | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.60 | 33.20 | | | | | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 100 | 9.10 | 33.59 | | | | | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.40 | 33.86 | | | | | | |
| W9811A | 11/17/98 | 8:52 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.20 | 34.13 | | | | | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 0 | 12.90 | 32.27 | 14.61 | | 5.87 | 0.86 | | 13.68 |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 10 | 12.90 | 32.27 | | | 4.95 | 0.62 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 20 | 12.90 | 32.27 | | | 6.83 | 0.75 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 31 | 12.90 | 32.27 | | | 5.87 | 0.83 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 36 | 12.80 | 32.29 | | | 4.24 | 0.58 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 41 | 12.80 | 32.29 | | | 8.04 | 0.93 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 50 | 9.90 | 32.61 | | | 5.31 | 0.46 | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 69 | 9.80 | 32.92 | | | 3.40 | | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 102 | 8.80 | 33.46 | | | 4.22 | | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 148 | 7.90 | 33.84 | | | | | | |
| W9811A | 11/17/98 | 14:04 | 11 | NH-65 | 44.65 | -125.6 | 1006 | 3.60 | 34.42 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 0 | 13.70 | 32.51 | 6.26 | | 4.82 | 0.75 | | 5.50 |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 10 | 13.70 | 32.53 | | | 4.92 | 0.74 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 20 | 13.70 | 32.53 | | | 5.43 | 0.82 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 30 | 13.70 | 32.53 | | | 4.25 | 0.61 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 40 | 13.70 | 32.53 | | | 4.87 | 0.79 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 45 | 13.70 | 32.53 | | | 5.92 | 0.73 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 51 | 13.60 | 32.52 | | | 3.63 | 0.56 | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.80 | 33.02 | | | 4.09 | | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 101 | 8.50 | 33.40 | | | 2.68 | | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 149 | 7.90 | 33.88 | | | | | | |
| W9811A | 11/17/98 | 17:42 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.50 | 34.42 | | | | | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 0 | 11.70 | 32.80 | | | 10.15 | 1.43 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 5 | 11.70 | 32.80 | | | 9.78 | 1.50 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 10 | 11.70 | 32.80 | | | 9.45 | 1.62 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 15 | 11.80 | 32.81 | | | 8.57 | 1.42 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 20 | 11.80 | 32.86 | | | 8.37 | 1.46 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 25 | 11.80 | 33.00 | | | 7.07 | 1.42 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 29 | 11.80 | 33.00 | | | 8.25 | 1.35 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 40 | 11.40 | 33.07 | | | 8.00 | 1.14 | | |
| W9811A | 11/18/98 | 14:11 | 20 | FM-03 | 43.22 | -124.5 | 49 | 10.90 | 33.22 | | | 7.40 | 1.02 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 0 | 11.80 | 32.92 | | | 5.62 | 1.02 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 10 | 11.80 | 32.94 | | | 6.75 | 1.09 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 16 | 11.60 | 33.06 | | | 6.65 | 1.16 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 19 | 11.50 | 33.11 | | | 5.24 | 0.94 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 29 | 11.60 | 33.20 | | | 5.03 | 0.83 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 40 | 11.40 | 33.23 | | | 4.43 | 0.80 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 50 | 11.40 | 33.25 | | | 6.30 | 0.68 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 61 | 10.50 | 33.38 | | | 6.97 | 0.80 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 72 | 10.40 | 33.41 | | | 8.07 | 1.02 | | |
| W9811A | 11/18/98 | 12:44 | 19 | FM-04 | 43.22 | -124.58 | 75 | 10.30 | 33.43 | | | 7.60 | 0.86 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 0 | 12.00 | 32.87 | | | 7.32 | 1.36 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 10 | 12.00 | 32.88 | | | 7.79 | 1.40 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 20 | 11.80 | 32.94 | | | 5.32 | 1.03 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 25 | 11.70 | 32.95 | | | 6.60 | 1.20 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 30 | 11.70 | 32.95 | | | 5.28 | 1.06 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 40 | 11.60 | 33.08 | | | 4.21 | 0.90 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 50 | 10.70 | 33.42 | | | | 0.46 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 60 | 10.20 | 33.47 | | | | 0.46 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 70 | 10.10 | 33.52 | | | | 0.45 | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 100 | 9.60 | 33.67 | | | 2.80 | | | |
| W9811A | 11/18/98 | 11:01 | 18 | FM-05 | 43.22 | -124.67 | 150 | 8.80 | 33.79 | | | | | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 0 | 12.50 | 32.38 | | | 3.30 | 0.72 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 10 | 12.30 | 32.43 | | | 3.76 | 0.99 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 20 | | 32.70 | | | 2.75 | 0.71 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 25 | 12.00 | 32.74 | | | 3.51 | 0.70 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 30 | 12.00 | 32.81 | | | | 0.61 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 40 | 11.40 | 33.13 | | | | 0.71 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 50 | 10.90 | 33.38 | | | | 0.58 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 70 | 10.40 | 33.46 | | | 3.17 | 0.66 | | |
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 100 | 9.50 | 33.67 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9811A | 11/18/98 | 8:17 | 16 | FM-07 | 43.22 | -124.83 | 335 | 6.10 | 34.03 | | | | | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 0 | 13.40 | 32.39 | | | 5.69 | 0.76 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 10 | 13.40 | 32.39 | | | 6.49 | 0.84 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 20 | 13.30 | 32.39 | | | 5.17 | 0.69 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 30 | 13.20 | 32.39 | | | 6.88 | 0.86 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 35 | 13.20 | 32.39 | | | 5.89 | 0.75 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 40 | 12.90 | 32.46 | | | 4.82 | 0.64 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 50 | 11.00 | 32.87 | | | 4.14 | 0.55 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 70 | 9.80 | 33.46 | | | 2.95 | 0.34 | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 100 | 9.20 | 33.63 | | | 2.72 | | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 150 | 8.60 | 33.90 | | | | | | |
| W9811A | 11/18/98 | 5:55 | 15 | FM-08 | 43.22 | -125. | 1005 | 3.60 | 34.42 | | | | | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 0 | 13.40 | 32.39 | | | 7.86 | 1.03 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 10 | 13.40 | 32.39 | | | 5.92 | 0.75 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 20 | 13.40 | 32.39 | | | 6.23 | 0.81 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 30 | 13.30 | 32.39 | | | 5.71 | 0.78 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 35 | 13.30 | 32.39 | | | 6.57 | 0.81 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 40 | 13.10 | 32.40 | | | 5.82 | 0.75 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 50 | 10.80 | 32.55 | | | 3.99 | 0.51 | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 70 | 10.00 | 32.86 | | | 2.86 | | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 100 | 9.40 | 33.47 | | | 3.57 | | | |
| W9811A | 11/18/98 | 3:12 | 14 | FM-09 | 43.22 | -125.17 | 1006 | 3.60 | 34.42 | | | | | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 0 | 12.20 | 32.61 | | | 19.86 | 2.87 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 5 | 12.20 | 32.62 | | | 19.39 | 2.86 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 10 | 12.10 | 32.69 | | | 16.43 | 2.55 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 15 | 12.20 | 32.86 | | | 12.80 | 2.01 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 20 | 12.10 | 32.82 | | | 11.35 | 1.70 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 25 | 12.10 | 32.83 | | | 11.09 | 1.75 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 30 | 12.10 | 33.00 | | | 10.14 | 1.29 | | |
| W9811A | 11/18/98 | 23:26 | 22 | CR-01 | 41.90 | -124.3 | 34 | 12.00 | 33.05 | | | 13.33 | 1.61 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 0 | 12.20 | 32.84 | | | 10.59 | 1.43 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 5 | 12.20 | 32.87 | | | 11.71 | 1.54 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 10 | 12.20 | 32.89 | | | 9.14 | 1.42 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 15 | 12.10 | 32.94 | | | 8.39 | 1.17 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 20 | 12.10 | 32.96 | | | 8.89 | 1.22 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 30 | 11.90 | 32.98 | | | 8.51 | 1.14 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 40 | 11.90 | 32.99 | | | 7.42 | 0.98 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 49 | 11.60 | 33.02 | | | 7.25 | 0.97 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 60 | 11.10 | 33.06 | | | 9.99 | 1.38 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 70 | 11.10 | 33.20 | | | 5.48 | 0.61 | | |
| W9811A | 11/19/98 | 1:56 | 24 | CR-03 | 41.90 | -124.5 | 99 | 9.90 | 33.56 | | | 4.55 | 0.61 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 0 | 12.20 | 32.75 | | | 7.49 | 1.07 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 10 | 12.20 | 32.76 | | | 8.33 | 1.16 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 15 | 12.20 | 32.77 | | | 8.19 | 1.22 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 20 | 12.20 | 32.81 | | | 7.62 | 1.10 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 30 | 11.90 | 32.86 | | | 6.53 | 0.89 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 40 | 11.90 | 33.00 | | | 4.73 | 0.68 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 50 | 11.30 | 33.21 | | | 4.72 | 0.61 | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 70 | 10.40 | 33.42 | | | 3.43 | | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 100 | 9.50 | 33.66 | | | 3.15 | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 150 | 8.60 | 33.87 | | | | | | |
| W9811A | 11/19/98 | 3:26 | 25 | CR-04 | 41.90 | -124.6 | 450 | 5.70 | 34.10 | | | | | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 0 | 12.30 | | | | 10.54 | 1.62 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 10 | 12.30 | 32.85 | | | 10.08 | 1.56 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 20 | 12.20 | 32.87 | | | 8.45 | 1.47 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 40 | 11.40 | 33.16 | | | 5.99 | 1.06 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 50 | 11.20 | 33.21 | | | 4.35 | 0.38 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 70 | 10.50 | 33.39 | | | 4.76 | 0.62 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 100 | 10.20 | 33.51 | | | 4.88 | 0.72 | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 150 | 8.50 | 33.85 | | | | | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 350 | 6.30 | 34.05 | | | | | | |
| W9811A | 11/19/98 | 4:58 | 26 | CR-05 | 41.90 | -124.7 | 500 | 5.10 | 34.15 | | | | | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 0 | 12.40 | 32.77 | | | 8.28 | 1.06 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 10 | 12.40 | 32.77 | | | 7.98 | 1.51 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 20 | 12.00 | 32.90 | | | 6.23 | 1.19 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 30 | 11.50 | 33.16 | | | 7.84 | 1.39 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 40 | 11.30 | 33.20 | | | 6.47 | 1.10 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 50 | 10.90 | 33.29 | | | 3.68 | 0.65 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 70 | 9.90 | 33.52 | | | 3.48 | 0.57 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 100 | 9.00 | 33.81 | | | 3.71 | 0.60 | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 150 | 8.50 | 33.93 | | | | | | |
| W9811A | 11/19/98 | 8:43 | 28 | CR-07 | 41.90 | -125. | 830 | 4.00 | 34.36 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 0 | 12.60 | 32.81 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 10 | 12.60 | 32.81 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 20 | 12.60 | 32.88 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 29 | 12.20 | 33.11 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 40 | 11.00 | 33.24 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 50 | 10.30 | 33.38 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 70 | 9.80 | 33.53 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 100 | 9.20 | 33.80 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 150 | 8.20 | 33.96 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 860 | 4.00 | 34.39 | | | | | | |
| W9811A | 11/19/98 | 11:17 | 29 | CR-08 | 41.90 | -125.33 | 994 | 3.70 | 34.42 | | | | | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 0 | 11.80 | 32.95 | | | 14.24 | 2.52 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 5 | 11.80 | 32.95 | | | 12.94 | 2.31 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 10 | 11.70 | 33.03 | | | 11.48 | 2.00 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 15 | 11.60 | 33.10 | | | 10.15 | 1.61 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 20 | 11.50 | 33.15 | | | 8.28 | 1.48 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 25 | 11.40 | 33.16 | | | 7.67 | 1.31 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 30 | 11.20 | 33.19 | | | 8.12 | 1.18 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 40 | 11.00 | 33.27 | | | 6.85 | 1.07 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 50 | 10.60 | 33.34 | | | 7.00 | 0.87 | | |
| W9811A | 11/20/98 | 4:20 | 38 | EU-01 | 40.87 | -124.27 | 55 | 10.40 | 33.39 | | | 6.30 | 0.86 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 0 | 12.10 | 32.96 | | | 10.42 | 1.58 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 5 | 12.10 | 32.96 | | | 10.07 | 1.67 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 10 | 12.00 | 32.97 | | | 9.92 | 1.64 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 20 | 12.00 | 33.03 | | | 9.13 | 1.58 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 30 | 11.60 | 33.13 | | | 6.58 | 0.89 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 40 | 11.00 | 33.23 | | | 5.25 | 0.62 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 50 | 10.80 | 33.30 | | | 5.90 | 0.77 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 60 | 10.00 | 33.49 | | | 7.19 | 0.87 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 70 | 9.70 | 33.55 | | | 9.83 | 0.80 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 85 | 9.10 | 33.70 | | | 4.16 | 0.57 | | |
| W9811A | 11/20/98 | 2:48 | 37 | EU-02 | 40.87 | -124.37 | 106 | 8.50 | 33.86 | | | 6.28 | 0.53 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 0 | 12.20 | 32.88 | | | 13.53 | 1.92 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 10 | 12.20 | 32.87 | | | 14.10 | 1.92 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 15 | 12.20 | 32.89 | | | 12.92 | 1.75 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 20 | 12.20 | 32.96 | | | 7.43 | 1.21 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 30 | 12.00 | 33.05 | | | 9.00 | 1.00 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 40 | 11.80 | 33.12 | | | 5.09 | 0.75 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 50 | 11.30 | 33.17 | | | 5.78 | 0.76 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 70 | 10.30 | 33.35 | | | 4.00 | 0.56 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 100 | 9.40 | 33.68 | | | 4.36 | 0.51 | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 150 | 8.70 | 33.81 | | | | | | |
| W9811A | 11/20/98 | 1:09 | 35 | EU-03 | 40.87 | -124.47 | 350 | 5.80 | 34.10 | | | | | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 0 | 12.40 | 32.93 | | | 11.70 | 1.75 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 10 | 12.30 | 32.95 | | | 10.68 | 1.62 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 15 | 12.30 | 32.98 | | | 9.74 | 1.51 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 20 | 12.20 | 33.04 | | | 6.49 | 0.93 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 30 | 11.70 | 33.14 | | | 4.89 | 0.75 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 40 | 11.20 | 33.20 | | | 3.50 | 0.59 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 50 | 10.70 | 33.26 | | | 2.82 | 0.52 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 70 | 9.80 | 33.41 | | | 2.77 | 0.46 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 100 | 9.20 | 33.73 | | | 3.59 | 0.52 | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 150 | 8.70 | 33.86 | | | | | | |
| W9811A | 11/19/98 | 22:17 | 33 | EU-05 | 40.87 | -124.67 | 500 | 5.40 | 34.14 | | | | | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 0 | 12.20 | 32.86 | | | 16.14 | 2.69 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 20 | 11.90 | 32.98 | | | 6.35 | 1.09 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 30 | 11.20 | 33.21 | | | 4.06 | 0.62 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 40 | 10.80 | 33.32 | | | 3.04 | 0.48 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 50 | 10.00 | 33.49 | | | 3.18 | 0.43 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 70 | 9.40 | 33.62 | | | 3.60 | 0.37 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 100 | 8.70 | 33.83 | | | 2.12 | 0.32 | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 150 | 8.00 | 33.97 | | | | | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 886 | 4.00 | 34.38 | | | | | | |
| W9811A | 11/19/98 | 19:17 | 31 | EU-07 | 40.87 | -124.93 | 1000 | 3.70 | 34.43 | | | | | | |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 0 | 9.30 | 32.51 | 18.96 | | 6.85 | 1.00 | | 9.59 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 5 | 9.30 | 32.52 | 18.54 | | 8.48 | 1.12 | | 8.76 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.30 | 32.52 | 18.78 | | 7.68 | 0.79 | | 9.21 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.20 | 32.56 | 25.17 | | 8.84 | 1.25 | | 14.96 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 20 | 9.20 | 32.56 | 23.13 | | 12.26 | 0.79 | | 13.43 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 25 | 9.30 | 32.57 | 19.42 | | 5.81 | 0.50 | | 10.05 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 30 | 9.30 | 32.59 | 24.28 | | 8.19 | 1.14 | | 14.31 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 40 | 9.30 | 32.61 | 26.13 | | 8.84 | 1.12 | | 15.99 |
| W9902A | 2/18/99 | 2:20 | 3 | NH-05 | 44.65 | -124.18 | 50 | 9.30 | 32.61 | 20.66 | | 19.11 | 2.14 | | 9.22 |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 0 | 9.30 | 32.65 | 17.60 | | 8.81 | 1.42 | | 7.24 |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 5 | 9.30 | 32.65 | | | 9.39 | 1.45 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 10 | 9.20 | 32.65 | | | 10.50 | 1.43 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 20 | 9.20 | 32.65 | | | 10.30 | 1.68 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 30 | 9.20 | 32.65 | | | 8.95 | 1.38 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 40 | 9.20 | 32.65 | | | 10.40 | 1.34 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 50 | 9.20 | 32.66 | | | 12.64 | 1.53 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 60 | 9.30 | 32.68 | | | 17.24 | 1.91 | | |
| W9902A | 2/17/99 | 23:26 | 1 | NH-10 | 44.65 | -124.3 | 70 | 9.30 | 32.70 | | | 22.95 | 2.64 | | |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 0 | 9.30 | 32.73 | 15.94 | | 6.54 | 0.85 | | 6.22 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 5 | 9.30 | 32.73 | 16.30 | | 6.69 | 1.16 | | 6.60 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 10 | 9.30 | 32.73 | 16.08 | | 6.96 | 0.89 | | 6.22 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 20 | 9.30 | 32.74 | 14.98 | | 7.16 | 1.05 | | 5.47 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 30 | 9.30 | 32.75 | 15.58 | | 9.22 | 1.07 | | 5.82 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 40 | 9.30 | 32.75 | 15.28 | | 5.65 | 0.76 | | 5.97 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 50 | 9.30 | 32.75 | 17.98 | | 5.87 | 1.02 | | 8.38 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 60 | 9.30 | 32.76 | 17.04 | | 6.50 | 1.07 | | 7.32 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 70 | 9.30 | 32.76 | 17.90 | | 8.62 | 1.14 | | 7.90 |
| W9902A | 2/18/99 | 3:59 | 4 | NH-15 | 44.65 | -124.41 | 83 | 9.30 | 32.76 | 18.02 | | 9.59 | 1.38 | | 7.89 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 0 | 9.30 | 32.72 | 17.14 | | 5.13 | 0.89 | | 6.93 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 10 | 9.30 | 32.72 | 16.18 | | | 1.10 | | 5.79 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 20 | 9.30 | 32.72 | 16.56 | | | 1.08 | | 6.16 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 30 | 9.30 | 32.72 | 16.60 | | 5.46 | 1.06 | | 6.12 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 40 | 9.30 | 32.72 | 15.80 | | 4.61 | 0.80 | | 5.59 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 50 | 9.30 | 32.73 | 16.92 | | | 0.90 | | 6.63 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 70 | 9.30 | 32.75 | 16.60 | | | 0.99 | | 6.06 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 100 | 9.30 | 33.12 | 24.54 | | | 0.25 | | 9.03 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 150 | 8.60 | 33.75 | 31.88 | | | | | 5.28 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 199 | 7.70 | 33.95 | 34.22 | | | | | 4.02 |
| W9902A | 2/18/99 | 6:35 | 6 | NH-25 | 44.65 | -124.65 | 286 | 6.60 | 34.00 | 39.09 | | | | | 4.69 |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 0 | 9.30 | 32.73 | 14.82 | | | 0.71 | | 7.50 |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 10 | 9.30 | 32.73 | | | | 0.94 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 20 | 9.30 | 32.74 | | | | 0.72 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 30 | 9.30 | 32.75 | | | 4.87 | 0.53 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 40 | 9.30 | 32.75 | | | 4.61 | 0.72 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 50 | 9.30 | 32.75 | | | | 0.92 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 70 | 9.30 | 32.76 | | | 4.71 | 1.04 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 100 | 9.10 | 33.45 | | | | 0.88 | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 130 | 8.90 | 33.64 | | | | | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 150 | 8.80 | 33.67 | | | | | | |
| W9902A | 2/18/99 | 9:08 | 7 | NH-35 | 44.65 | -124.88 | 430 | 5.50 | 34.09 | | | | | | |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 0 | 10.20 | 31.84 | 10.77 | | 34.66 | 3.92 | | 6.37 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 5 | 10.20 | 31.84 | 12.98 | | 36.83 | 3.96 | | 8.69 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 10 | 10.20 | 31.85 | 12.18 | | 31.68 | 3.68 | | 8.14 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 15 | 10.20 | 31.90 | 17.30 | | 25.05 | 3.37 | | 8.68 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 20 | 9.60 | 32.35 | 24.74 | | 6.85 | 0.83 | | 7.86 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 25 | 8.70 | 33.13 | 27.88 | | 7.46 | 1.22 | | 9.71 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 30 | 8.70 | 33.21 | 26.81 | | 6.77 | 1.00 | | 9.98 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 40 | 8.30 | 33.50 | 33.61 | | 7.18 | 1.07 | | 8.53 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 50 | 8.10 | 33.72 | 35.31 | | 6.51 | 0.93 | | 6.85 |
| W9904B | 4/19/99 | 22:25 | 3 | NH-05 | 44.65 | -124.18 | 56 | 8.10 | 33.74 | 38.20 | | 7.99 | 0.86 | | 9.17 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 0 | 10.10 | 31.70 | 14.21 | | 15.47 | 2.24 | | 9.33 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 5 | 10.10 | 31.71 | 12.71 | | 13.98 | 2.09 | | 7.90 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 10 | 9.80 | 31.94 | 12.02 | | 10.61 | 2.05 | | 6.84 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 15 | 9.50 | 32.20 | 13.99 | | 12.35 | 2.23 | | 8.11 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 20 | 9.20 | 32.56 | 13.39 | | 11.24 | 2.33 | | 7.11 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 30 | 9.10 | 32.74 | 14.76 | | 4.93 | 1.22 | | 6.06 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 40 | 8.90 | 32.77 | 14.85 | | | 0.80 | | 6.45 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.90 | 32.78 | 16.14 | | | 0.69 | | 7.25 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 60 | 8.90 | 32.84 | 17.32 | | | 0.71 | | 7.03 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 70 | 8.90 | 32.90 | 19.84 | | | 0.50 | | 8.53 |
| W9904B | 4/20/99 | 1:57 | 5 | NH-15 | 44.65 | -124.41 | 85 | 8.80 | 33.03 | 20.95 | | 4.75 | 0.34 | | 6.69 |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 0 | 10.00 | 32.05 | | | 12.72 | 2.50 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 10 | 9.90 | 32.25 | | | 10.90 | 2.09 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 20 | 9.40 | 32.46 | | | 10.46 | 1.75 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 25 | 9.10 | 32.54 | | | 9.27 | 1.59 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.00 | 32.62 | | | 7.79 | 1.32 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 40 | 9.00 | 32.71 | | | | 0.89 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.00 | 32.75 | | | | 0.57 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.90 | 32.77 | | | | 0.37 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 100 | 8.80 | 33.12 | | | | 0.60 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 150 | 8.00 | 33.88 | | | | 0.36 | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.00 | 33.99 | | | | | | |
| W9904B | 4/20/99 | 5:03 | 7 | NH-25 | 44.65 | -124.65 | 260 | 6.50 | 34.02 | | | | | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 0 | 9.80 | 32.64 | 12.69 | | 12.47 | 2.37 | | 6.32 |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 10 | 9.70 | 32.64 | | | 13.44 | 2.26 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 15 | 9.60 | 32.64 | | | 11.81 | 2.19 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 20 | 9.40 | 32.69 | | | 7.89 | 1.62 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.40 | 32.70 | | | 5.17 | 0.91 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.30 | 32.71 | | | | 0.64 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.10 | 32.78 | | | | 0.46 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.90 | 32.99 | | | | 0.50 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.50 | 33.47 | | | | 0.50 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 150 | 7.60 | 33.93 | | | | 0.44 | | |
| W9904B | 4/20/99 | 7:36 | 8 | NH-35 | 44.65 | -124.88 | 425 | 5.30 | 34.13 | | | | | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 0 | 9.60 | 32.76 | 14.70 | | 8.22 | 1.55 | | 8.99 |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 10 | 9.60 | 32.76 | | | 7.91 | 1.53 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 15 | 9.60 | 32.76 | | | 7.81 | 1.54 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 20 | 9.60 | 32.76 | | | 8.98 | 1.56 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 25 | 9.40 | 32.76 | | | 7.30 | 1.56 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 30 | 9.10 | 32.77 | | | 5.84 | 1.10 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.00 | 32.78 | | | | 0.83 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 50 | 8.90 | 32.79 | | | | 0.78 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.80 | 32.79 | | | | 0.60 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.70 | 33.35 | | | | 0.53 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.80 | 33.89 | | | | 0.39 | | |
| W9904B | 4/20/99 | 9:22 | 9 | NH-45 | 44.65 | -125.12 | 688 | 4.40 | 34.29 | | | | | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 0 | 9.40 | 32.81 | | | 7.12 | 1.23 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 10 | 9.40 | 32.81 | | | 7.49 | 1.14 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 20 | 9.40 | 32.81 | | | 6.53 | 1.09 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 30 | 9.20 | 32.80 | | | 6.76 | 1.03 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 40 | 8.90 | 32.80 | | | 5.74 | 1.20 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 50 | 8.90 | 32.80 | | | 7.00 | 1.19 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 70 | 8.80 | 32.81 | | | 4.86 | 0.91 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.70 | 32.85 | | | | 0.75 | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 150 | 7.90 | 33.78 | | | | 0.59 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 465 | 5.20 | 34.10 | | | | | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 830 | 4.10 | 34.36 | | | | | | |
| W9904B | 4/20/99 | 14:20 | 11 | NH-65 | 44.65 | -125.6 | 1004 | 3.60 | 34.43 | | | | | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 0 | 9.50 | 32.78 | 14.19 | | 6.35 | 1.37 | | 7.45 |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 10 | 9.40 | 32.78 | | | 6.97 | 1.25 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 20 | 9.40 | 32.78 | | | 6.60 | 1.05 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 30 | 9.00 | 32.79 | | | 5.66 | 1.19 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 40 | 8.90 | 32.79 | | | | 1.12 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 50 | 8.80 | 32.79 | | | | 0.91 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 60 | 8.80 | 32.79 | | | | 0.93 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.80 | 32.80 | | | | 0.63 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.50 | 33.41 | | | | 0.47 | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.60 | 33.88 | | | | | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 970 | 3.50 | 34.43 | | | | | | |
| W9904B | 4/20/99 | 18:34 | 12 | NH-85 | 44.65 | -126.05 | 1000 | 3.40 | 34.44 | | | | | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 0 | 10.00 | 32.19 | 18.84 | | 17.94 | 3.59 | | 13.82 |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 5 | 9.90 | 32.24 | | | 19.08 | 3.73 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 8 | 9.60 | 32.38 | | | 18.22 | 4.00 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 10 | 9.30 | 32.48 | | | 11.69 | 2.23 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 15 | 9.20 | 32.55 | | | 8.87 | 2.00 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 20 | 9.10 | 32.66 | | | | 1.16 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 25 | 9.00 | 32.81 | | | 5.09 | 1.10 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 30 | 8.90 | 33.00 | | | | 0.88 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 40 | 8.50 | 33.33 | | | | 0.61 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 50 | 7.80 | 33.74 | | | 5.13 | 0.61 | | |
| W9904B | 4/21/99 | 15:10 | 19 | FM-03 | 43.22 | -124.5 | 55 | 7.80 | 33.76 | | | | 0.56 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 0 | 10.23 | 32.20 | 13.53 | | 14.44 | 3.28 | | 8.76 |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 5 | 10.09 | 32.32 | | | 13.95 | 3.35 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 10 | 9.97 | 32.46 | | | 14.19 | 3.07 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 15 | 9.50 | 32.55 | | | 7.41 | 1.76 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 20 | 9.29 | 32.65 | | | 4.82 | 1.33 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 30 | 8.99 | 32.84 | | | | 0.78 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 40 | 8.65 | 33.30 | | | | 0.33 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 50 | 8.53 | 33.44 | | | | 0.33 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 60 | 8.43 | 33.47 | | | | 0.42 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 70 | 7.90 | 33.72 | | | | 0.67 | | |
| W9904B | 4/21/99 | 13:45 | 18 | FM-04 | 43.22 | -124.58 | 80 | 7.67 | 33.85 | | | | 0.49 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 0 | 10.30 | 32.41 | 15.66 | | 10.02 | 2.41 | | 11.44 |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 10 | 10.30 | 32.41 | | | 9.10 | 2.34 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 20 | 9.80 | 32.58 | | | 8.85 | 2.11 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 25 | 9.40 | 32.63 | | | 8.17 | 1.56 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 30 | 9.30 | 32.64 | | | 6.32 | 1.22 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 40 | 9.10 | 32.74 | | | | 0.88 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 50 | 9.00 | 32.92 | | | | 0.85 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 60 | 8.80 | 33.23 | | | | 0.85 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 70 | 8.60 | 33.48 | | | | 0.51 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 100 | 7.80 | 33.78 | | | | 0.70 | | |
| W9904B | 4/21/99 | 11:47 | 17 | FM-05 | 43.22 | -124.67 | 150 | 7.20 | 33.97 | | | 10.48 | 1.57 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 0 | 10.20 | 32.47 | 20.49 | | 13.15 | 2.81 | | 17.16 |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 10 | 10.20 | 32.49 | | | 12.22 | 2.56 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 20 | 9.70 | 32.55 | | | 8.98 | 1.79 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 30 | 9.30 | 32.60 | | | 7.20 | 1.42 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 40 | 9.20 | 32.70 | | | | 0.80 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 50 | 9.00 | 32.93 | | | | 0.63 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 70 | 8.70 | 33.55 | | | | 0.49 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 100 | 8.20 | 33.81 | | | | 0.63 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 150 | 7.50 | 33.97 | | | | 0.26 | | |
| W9904B | 4/21/99 | 8:31 | 15 | FM-07 | 43.22 | -124.83 | 338 | 5.90 | 34.07 | | | | | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 0 | 10.40 | 32.46 | 16.32 | | 10.82 | 1.94 | | 11.26 |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 10 | 10.40 | 32.47 | | | 10.08 | 2.10 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 20 | 9.50 | 32.67 | | | 10.38 | 2.02 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 26 | 9.50 | 32.70 | | | 11.99 | 2.07 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 30 | 9.40 | 32.70 | | | 10.29 | 1.93 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 40 | 9.30 | 32.72 | | | 6.67 | 1.26 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 50 | 9.20 | 32.74 | | | 4.89 | 0.98 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 70 | 9.00 | 33.02 | | | | 0.57 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 100 | 8.30 | 33.81 | | | | 0.42 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 150 | 7.20 | 33.98 | | | 5.20 | 0.64 | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 840 | 4.10 | 34.34 | | | | | | |
| W9904B | 4/21/99 | 5:05 | 14 | FM-08 | 43.22 | -125. | 1000 | 3.80 | 34.42 | | | | | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 0 | 10.20 | 32.63 | 18.24 | | 11.62 | 2.29 | | 12.37 |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 10 | 10.20 | 32.63 | | | 13.04 | 2.33 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 15 | 9.90 | 32.63 | | | 12.63 | 2.35 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 20 | 9.70 | 32.65 | | | 11.61 | 1.54 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 30 | 9.20 | 32.70 | | | 7.57 | 1.54 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 40 | 9.20 | 32.74 | | | 6.09 | 1.49 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 50 | 9.10 | 32.76 | | | 5.70 | 1.33 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 70 | 8.90 | 32.77 | | | 4.88 | 0.96 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 150 | 8.00 | 33.90 | | | 4.80 | 0.66 | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 970 | 3.70 | 34.42 | | | | | | |
| W9904B | 4/21/99 | 2:57 | 13 | FM-09 | 43.22 | -125.17 | 1000 | 3.60 | 34.43 | | | | | | |
| W9904B | 4/21/99 | 23:50 | 21 | CR-01 | 41.90 | -124.3 | 0 | 9.40 | 33.10 | 31.23 | | 13.04 | 1.89 | | 11.04 |
| W9904B | 4/21/99 | 23:50 | 21 | CR-01 | 41.90 | -124.3 | 5 | 9.30 | 33.12 | | | 10.10 | 1.62 | | |
| W9904B | 4/21/99 | 23:50 | 21 | CR-01 | 41.90 | -124.3 | 10 | 9.20 | 33.16 | | | 8.77 | 1.61 | | |
| W9904B | 4/21/99 | 23:50 | 21 | CR-01 | 41.90 | -124.3 | 20 | 8.40 | 33.62 | | | 4.59 | 0.82 | | |
| W9904B | 4/21/99 | 23:50 | 21 | CR-01 | 41.90 | -124.3 | 30 | 8.00 | 33.75 | | | 6.92 | 1.03 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 0 | 10.00 | 32.64 | 22.20 | | 16.41 | 2.28 | | 10.17 |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 5 | 10.00 | 32.64 | | | 13.08 | 2.07 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 10 | 9.80 | 32.65 | | | 11.18 | 1.98 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 20 | 9.50 | 32.71 | | | 9.78 | 1.73 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 25 | 9.50 | 32.73 | | | 9.30 | 1.55 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 30 | 9.10 | 32.89 | | | 6.34 | 1.00 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 40 | 9.00 | 33.18 | | | | 0.79 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 50 | 8.80 | 33.37 | | | | 0.45 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 60 | 8.60 | 33.52 | | | | 0.58 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 70 | 8.30 | 33.71 | | | | 0.61 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 100 | 7.60 | 33.94 | | | | 0.52 | | |
| W9904B | 4/22/99 | 2:18 | 23 | CR-03 | 41.90 | -124.5 | 110 | 7.50 | 33.95 | | | | 0.45 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 0 | 10.00 | 32.48 | 16.53 | | 14.93 | 2.66 | | 12.21 |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 10 | 9.80 | 32.51 | | | 14.45 | 2.62 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 20 | 9.60 | 32.54 | | | 13.10 | 2.42 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 25 | 9.60 | 32.54 | | | 11.55 | 2.42 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 30 | 9.50 | 32.59 | | | 10.42 | 1.99 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 40 | 9.30 | 32.70 | | | 5.72 | 1.06 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 50 | 9.10 | 32.88 | | | 4.82 | 0.72 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 70 | 8.80 | 33.37 | | | | 0.61 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.20 | 33.79 | | | | 0.56 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 150 | 7.50 | 33.96 | | | | 0.38 | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 360 | 5.90 | 34.06 | | | | | | |
| W9904B | 4/22/99 | 3:55 | 24 | CR-04 | 41.90 | -124.6 | 450 | 5.40 | 34.12 | | | | | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 0 | 10.10 | 32.52 | 15.81 | | 17.92 | 2.72 | | 12.27 |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 10 | 10.10 | 32.52 | | | 16.39 | 3.17 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 20 | 10.10 | 32.52 | | | 11.32 | 2.23 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 25 | 9.80 | 32.57 | | | 16.82 | 3.43 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 30 | 9.60 | 32.63 | | | 4.90 | 0.97 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 40 | 9.60 | 32.67 | | | 5.29 | 0.81 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 50 | 9.30 | 32.71 | | | | 0.86 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 70 | 9.30 | 32.84 | | | | 0.84 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 100 | 8.80 | 33.61 | | | | 0.41 | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 150 | 8.10 | 33.87 | | | | | | |
| W9904B | 4/22/99 | 7:00 | 25 | CR-05 | 41.90 | -124.7 | 645 | 4.70 | 34.27 | | | | | | |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 0 | 13.20 | 30.37 | 11.45 | | 87.47 | 10.54 | | 0.89 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 5 | 11.80 | 31.33 | 20.79 | | 63.01 | 9.40 | | 4.38 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.50 | 32.38 | 26.52 | | 49.72 | 7.85 | | 4.44 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 12.5 | 8.90 | 32.85 | 30.71 | | 32.20 | 5.35 | | 1.53 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 15 | 8.30 | 33.12 | 35.64 | | 25.52 | 3.90 | | 3.56 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 20 | 7.90 | 33.63 | 39.26 | | 16.62 | 2.29 | | 5.57 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 25 | 7.60 | 33.74 | 38.55 | | 14.49 | 1.95 | | 4.89 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 30 | 7.50 | 33.82 | 40.71 | | 13.54 | 1.60 | | 6.90 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.30 | 33.90 | 40.90 | | 22.27 | 2.33 | | 4.59 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.20 | 33.94 | 39.72 | | 20.24 | 2.33 | | 2.67 |
| W9907A | 7/3/99 | 20:51 | 3 | NH-05 | 44.65 | -124.18 | 53 | 7.20 | 33.94 | 42.66 | | 24.70 | 2.62 | | 5.37 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 0 | 15.80 | 24.64 | 18.79 | | 76.24 | 8.28 | | 10.51 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 5 | 14.20 | 29.80 | 8.69 | | 38.70 | 5.05 | | 3.64 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 10 | 12.00 | 31.88 | 8.05 | | 32.84 | 4.29 | | 3.76 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 18 | 10.00 | 32.40 | 10.28 | | 27.68 | 4.30 | | 3.86 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 20 | 10.00 | 32.49 | 11.63 | | 23.80 | 3.52 | | 3.73 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.70 | 32.75 | | | 17.43 | 2.56 | | |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 34 | 8.50 | 32.75 | 14.80 | | 13.43 | 2.08 | | 4.42 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 40 | 8.30 | 32.80 | 19.75 | | 15.59 | 2.49 | | 7.28 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.10 | 33.03 | 24.45 | | 9.34 | 1.59 | | 6.15 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.80 | 33.22 | 34.27 | | 10.87 | 1.82 | | 7.13 |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 71 | 8.00 | 33.50 | | | 14.05 | 2.09 | | |
| W9907A | 7/3/99 | 23:31 | 5 | NH-15 | 44.65 | -124.41 | 80 | 7.90 | 33.61 | 34.42 | | 19.50 | 3.16 | | 4.40 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 0 | 16.20 | 26.32 | 7.94 | | 36.88 | 4.39 | | 3.55 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 10 | 13.90 | 31.15 | 7.50 | | 28.76 | 4.14 | | 3.37 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 20 | 10.10 | 32.23 | 12.08 | | 27.33 | 4.63 | | 5.91 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 22 | 9.60 | 32.43 | 16.04 | | 28.13 | 4.64 | | 7.93 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.10 | 32.71 | 17.64 | | 16.67 | 2.47 | | 8.71 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 40 | 8.80 | 32.77 | | | 8.76 | 1.61 | | |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 49 | 8.50 | 32.78 | 14.48 | | 6.53 | 1.22 | | 4.64 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.20 | 33.13 | 24.72 | | 7.41 | 1.27 | | 5.90 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 100 | 8.00 | 33.77 | 32.12 | | 8.24 | 1.14 | | 2.22 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.20 | 33.95 | 35.74 | | 6.64 | 1.05 | | 1.58 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 160 | 7.10 | 33.96 | 36.61 | | 12.01 | 1.30 | | 1.97 |
| W9907A | 7/4/99 | 2:33 | 7 | NH-25 | 44.65 | -124.65 | 200 | 6.60 | 33.99 | | | 11.37 | 1.81 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 0 | 16.20 | 27.48 | | | 24.56 | 3.14 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 10 | 15.80 | 29.55 | | | 23.25 | 3.16 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 20 | 11.60 | 32.26 | | | 23.53 | 3.70 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.80 | 32.64 | | | 24.86 | 4.45 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 35 | 9.40 | 32.71 | | | 19.26 | 3.21 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.20 | 32.73 | | | 16.31 | 2.10 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 50 | 8.70 | 32.75 | | | 5.58 | 1.23 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.40 | 32.90 | | | 6.81 | 1.18 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.20 | 33.65 | | | 4.80 | 0.98 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 150 | 7.50 | 33.92 | | | 4.91 | 0.97 | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 225 | 6.60 | 33.99 | | | | | | |
| W9907A | 7/4/99 | 5:10 | 8 | NH-35 | 44.65 | -124.88 | 430 | 5.60 | 34.10 | | | | | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 0 | 15.90 | 27.00 | | | 11.45 | 1.64 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 10 | 15.10 | 31.21 | | | 8.73 | 1.55 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.60 | 32.73 | | | 9.66 | 2.01 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 30 | 11.80 | 32.80 | | | 13.43 | 2.56 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 35 | 11.40 | 32.79 | | | 10.61 | 1.94 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 40 | 10.60 | 32.79 | | | 17.31 | 3.33 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.80 | 32.84 | | | 10.77 | 1.93 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.80 | 32.82 | | | 5.27 | 1.07 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.70 | 33.36 | | | 4.61 | 0.97 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.00 | 33.85 | | | 4.94 | 0.88 | | |
| W9907A | 7/4/99 | 7:31 | 9 | NH-45 | 44.65 | -125.12 | 870 | 4.00 | 34.36 | | | | | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 0 | 15.60 | 30.73 | 13.04 | | 9.36 | 1.45 | | 11.58 |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 10 | 14.90 | 32.13 | | | 8.33 | 1.30 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 20 | 14.00 | 32.51 | | | 10.12 | 1.60 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 30 | 13.20 | 32.72 | | | 12.07 | 2.15 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 40 | 11.20 | 32.69 | | | 14.42 | 2.88 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 44 | 10.70 | 32.72 | | | 10.31 | 1.98 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 50 | 10.30 | 32.77 | | | 7.43 | 1.48 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 70 | 9.30 | 32.85 | | | | 0.74 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 99 | 9.10 | 33.04 | | | | 0.59 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.00 | 33.82 | | | | 0.95 | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 240 | 6.60 | 33.95 | | | | | | |
| W9907A | 7/4/99 | 12:11 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.60 | 34.42 | | | | | | |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 0 | 15.40 | 30.22 | 6.80 | | 9.20 | 1.46 | | 5.34 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 10 | 15.10 | 31.11 | 6.85 | | 8.18 | 1.15 | | 5.70 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 20 | 11.40 | 32.47 | 9.55 | | 10.68 | 1.48 | | 8.07 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 30 | 10.00 | 32.73 | 9.68 | | 14.51 | 2.67 | | 7.01 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 35 | 9.60 | 32.75 | 10.99 | | 8.29 | 1.68 | | 6.10 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.20 | 32.76 | 11.72 | | 4.79 | 1.04 | | 5.99 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 50 | 8.90 | 32.79 | 13.84 | | | 0.52 | | 6.39 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.50 | 32.85 | 13.48 | | | 0.27 | | 4.92 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.50 | 33.41 | 24.24 | | | 0.29 | | 2.97 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.70 | 33.85 | 31.06 | | | 0.30 | | 3.25 |
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 885 | 3.80 | 34.37 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/4/99 | 15:39 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.60 | 34.43 | | | | | | |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 0 | 13.70 | 32.48 | 16.33 | | 57.07 | 8.05 | | 8.28 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 5 | 13.00 | 32.58 | 18.17 | | 60.10 | 9.25 | | 7.38 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 10 | 11.20 | 32.89 | 31.62 | | 22.00 | 3.86 | | 6.53 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 15 | 8.50 | 33.22 | 35.83 | | 11.10 | 2.05 | | 7.34 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 20 | 8.20 | 33.46 | 36.81 | | 7.32 | 1.57 | | 6.12 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 25 | 7.90 | 33.65 | 36.31 | | 5.53 | 1.10 | | 4.87 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 30 | 7.80 | 33.74 | 35.56 | | 4.55 | 1.13 | | 3.54 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 40 | 7.40 | 33.87 | 37.58 | | 6.46 | 1.05 | | 2.66 |
| W9907A | 7/8/99 | 1:44 | 37 | HH-01 | 44.00 | -124.2 | 48 | 7.30 | 33.90 | 38.76 | | 5.72 | 1.38 | | 3.49 |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 0 | 14.10 | 30.39 | 14.26 | | 30.03 | 5.15 | | 9.11 |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 5 | 13.00 | 30.80 | | | 24.94 | 4.78 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 10 | 8.60 | 32.62 | | | 12.65 | 2.81 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 20 | 8.10 | 32.97 | | | 7.41 | 1.55 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 30 | 8.00 | 33.60 | | | 5.32 | 1.34 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 40 | 7.70 | 33.78 | | | | 1.02 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 50 | 7.40 | 33.87 | | | | 0.81 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 60 | 7.30 | 33.90 | | | | 0.72 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 70 | 7.40 | 33.96 | | | | 0.50 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 100 | 7.00 | 33.97 | | | | 0.57 | | |
| W9907A | 7/8/99 | 3:03 | 38 | HH-02 | 44.00 | -124.4 | 116 | 6.90 | 33.98 | | | 4.78 | 1.31 | | |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 0 | 14.50 | 29.69 | 14.47 | | 32.21 | 3.87 | | 10.44 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 10 | 11.10 | 31.91 | 13.66 | | 25.56 | 5.11 | | 8.36 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 15 | 9.00 | 32.45 | 22.18 | | 17.27 | 3.49 | | 9.74 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 20 | 8.90 | 32.95 | 27.04 | | 9.04 | 1.43 | | 8.79 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 30 | 8.00 | 33.31 | 34.66 | | 5.39 | 0.77 | | 7.79 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 40 | 7.80 | 33.51 | 36.01 | | | 0.82 | | 6.51 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 50 | 7.80 | 33.67 | 34.99 | | | 0.82 | | 3.77 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 60 | 7.70 | 33.77 | 35.39 | | | 0.59 | | 4.23 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 70 | 7.50 | 33.87 | 37.89 | | | 0.65 | | 5.18 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 100 | 7.40 | 33.96 | 35.97 | | | 0.56 | | 3.63 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 120 | 7.10 | 33.97 | 36.81 | | | | | 4.16 |
| W9907A | 7/8/99 | 4:39 | 39 | HH-03 | 44.00 | -124.6 | 145 | 6.90 | 33.98 | 38.79 | | 4.70 | 0.81 | | 3.30 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 0 | 15.20 | 29.28 | 8.39 | | 13.11 | 2.15 | | 6.23 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 5 | 15.20 | 29.34 | 11.29 | | 11.97 | 2.10 | | 9.19 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 10 | 12.70 | 31.57 | 12.62 | | 11.68 | 2.33 | | 10.29 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 15 | 9.80 | 32.29 | 15.11 | | 11.22 | 2.51 | | 8.76 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 20 | 8.90 | 32.55 | 14.05 | | 9.67 | 1.60 | | 5.92 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 30 | 8.30 | 32.71 | 17.49 | | | 0.91 | | 7.33 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 40 | 8.10 | 32.86 | 23.50 | | | 0.66 | | 8.68 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 50 | 7.90 | 33.44 | 33.49 | | | 0.44 | | 7.93 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 60 | 7.80 | 33.73 | 35.78 | | | 0.33 | | 6.19 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 70 | 7.80 | 33.81 | 36.92 | | | 0.28 | | 7.00 |
| W9907A | 7/8/99 | 6:23 | 40 | HH-04 | 44.00 | -124.8 | 95 | 7.40 | 33.95 | 37.25 | | | | | 5.95 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 0 | 14.90 | 29.95 | 7.66 | | 11.69 | 2.18 | | 5.48 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 10 | 13.80 | 30.75 | 10.31 | | 12.38 | 2.89 | | 6.25 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 15 | 11.70 | 31.86 | 20.93 | | 7.96 | 2.00 | | 10.02 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 20 | 10.70 | 32.25 | 30.26 | | 5.82 | 1.00 | | 9.61 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 30 | 8.60 | 32.91 | 29.61 | | | 0.62 | | 4.52 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 40 | 7.90 | 33.36 | 37.41 | | | 0.39 | | 9.21 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 50 | 7.90 | 33.65 | 33.98 | | | 0.33 | | 4.20 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 70 | 7.70 | 33.74 | 34.63 | | | 0.42 | | 2.60 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 100 | 7.20 | 33.95 | 39.01 | | | 0.33 | | 5.29 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 150 | 6.90 | 33.99 | 40.40 | | | 0.28 | | 6.90 |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 500 | 5.50 | 34.11 | 47.16 | | | 0.44 | | |
| W9907A | 7/8/99 | 8:20 | 41 | HH-05 | 44.00 | -125. | 930 | 4.00 | 34.37 | 49.59 | | | | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 0 | 14.80 | 30.06 | | | 13.96 | 2.39 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 10 | 14.40 | 30.32 | | | 13.80 | 2.71 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 15 | 11.20 | 31.86 | | | 14.80 | 3.05 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 20 | 9.70 | 32.34 | | | 12.14 | 2.18 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 30 | 8.20 | 33.11 | | | 7.07 | 1.02 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 40 | 8.10 | 33.38 | | | 4.45 | 0.77 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 50 | 7.90 | 33.56 | | | 5.02 | 0.63 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 70 | 7.60 | 33.77 | | | | 0.58 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 100 | 7.30 | 33.91 | | | 6.31 | 0.67 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 150 | 6.60 | 34.00 | | | 5.41 | 0.56 | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 200 | 6.20 | 34.03 | | | | | | |
| W9907A | 7/8/99 | 12:02 | 43 | HH-07 | 44.00 | -125.2 | 1005 | 3.80 | 34.41 | | | | | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 0 | 16.10 | 27.45 | 11.09 | | 9.50 | 1.48 | | 9.60 |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 10 | 15.50 | 29.47 | | | 9.72 | 1.81 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 20 | 11.70 | 31.93 | | | 8.48 | 2.04 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 30 | 10.40 | 32.24 | | | 11.26 | 2.69 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 35 | 9.50 | 32.55 | | | 6.23 | 1.63 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 40 | 9.00 | 32.65 | | | 7.35 | 1.30 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 50 | 8.50 | 32.74 | | | | 1.03 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 70 | 8.10 | 32.90 | | | 4.64 | 0.67 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 100 | 7.50 | 33.81 | | | 4.43 | 0.71 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 150 | 7.10 | 33.96 | | | | 0.51 | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 555 | 5.00 | 34.19 | | | | | | |
| W9907A | 7/8/99 | 14:39 | 45 | HH-09 | 44.00 | -125.4 | 1005 | 3.70 | 34.41 | | | | | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 0 | 13.30 | 32.53 | 19.09 | | 39.22 | 5.92 | | 9.78 |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 5 | 13.10 | 32.56 | | | 40.24 | 6.25 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 10 | 10.10 | 33.24 | | | 38.79 | 6.50 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 15 | 9.50 | 33.38 | | | 26.85 | 4.65 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 20 | 9.20 | 33.45 | | | 8.47 | 1.62 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 22.5 | 9.10 | 33.46 | | | 6.00 | 0.98 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 25 | 9.00 | 33.46 | | | 8.17 | 1.13 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 30 | 7.80 | 33.72 | | | 5.62 | 1.04 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 40 | 7.30 | 33.91 | | | 4.53 | 0.69 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 50 | 7.20 | 33.92 | | | 5.33 | 0.76 | | |
| W9907A | 7/5/99 | 3:02 | 14 | FM-03 | 43.22 | -124.5 | 55 | 7.20 | 33.92 | | | 4.73 | 0.65 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 0 | 14.60 | 31.83 | 11.91 | | 23.08 | 3.23 | | 8.68 |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 5 | 14.60 | 31.83 | | | 25.53 | 3.44 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 10 | 12.10 | 32.41 | | | 34.08 | 5.46 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 15 | 11.40 | 32.70 | | | 24.24 | 3.25 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 20 | 9.10 | 32.89 | | | 10.43 | 1.76 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 25 | 8.90 | 33.28 | | | 10.12 | 1.97 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 30 | 8.20 | 33.57 | | | 4.79 | 0.98 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 40 | 7.60 | 33.78 | | | 5.30 | 0.78 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 50 | 7.30 | 33.92 | | | | 0.58 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 60 | 7.20 | 33.95 | | | | 0.60 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 70 | 7.10 | 33.97 | | | 6.28 | 0.72 | | |
| W9907A | 7/5/99 | 4:08 | 15 | FM-04 | 43.22 | -124.58 | 80 | 7.00 | 33.97 | | | 5.70 | 0.67 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 0 | 15.10 | 31.11 | 8.98 | | 16.55 | 2.34 | | 6.64 |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 10 | 14.50 | 31.35 | | | 20.03 | 2.92 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 20 | 11.20 | 31.91 | | | 9.49 | 1.63 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 25 | 9.20 | 32.34 | | | 6.23 | 1.04 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 30 | 8.40 | 32.65 | | | 5.29 | 0.78 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 40 | 8.00 | 33.07 | | | 4.71 | 0.95 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 50 | 8.00 | 33.23 | | | 4.47 | 0.71 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 60 | 8.00 | 33.57 | | | | 0.58 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 70 | 7.60 | 33.79 | | | | 0.49 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 100 | 7.00 | 33.98 | | | | 0.60 | | |
| W9907A | 7/5/99 | 5:14 | 16 | FM-05 | 43.22 | -124.67 | 145 | 6.70 | 34.00 | | | 4.65 | 0.84 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 0 | 15.10 | 30.62 | 7.67 | | 10.47 | 1.81 | | 5.87 |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 10 | 13.50 | 31.47 | | | 8.46 | 1.64 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 20 | 10.60 | 32.52 | | | 8.15 | 1.88 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 25 | 9.90 | 32.61 | | | 7.14 | 1.51 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 30 | 9.30 | 32.69 | | | 5.88 | 1.03 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 40 | 8.70 | 32.75 | | | 5.47 | 0.96 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 50 | 8.40 | 32.79 | | | 4.76 | 0.77 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 60 | 8.60 | 33.01 | | | | 0.64 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 70 | 8.50 | 33.29 | | | | 0.37 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 100 | 8.00 | 33.81 | | | | 0.39 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 150 | 7.10 | 33.95 | | | 5.44 | 0.71 | | |
| W9907A | 7/5/99 | 8:07 | 18 | FM-07 | 43.22 | -124.83 | 340 | 5.70 | 34.08 | | | 5.59 | 0.35 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 0 | 15.60 | 30.17 | 7.85 | | 10.28 | 1.57 | | 6.28 |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 10 | 14.90 | 30.96 | | | 10.63 | 1.75 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 20 | 11.10 | 32.37 | | | 11.20 | 2.03 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 25 | 10.10 | 32.66 | | | 9.57 | 1.56 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 30 | 9.30 | 32.73 | | | 6.47 | 1.22 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 40 | 8.80 | 32.78 | | | | 0.57 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 50 | 8.80 | 32.85 | | | | 0.55 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 70 | 8.60 | 33.10 | | | | 0.66 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 100 | 8.50 | 33.68 | | | | 0.33 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 150 | 7.30 | 33.95 | | | | 0.88 | | |
| W9907A | 7/5/99 | 10:07 | 19 | FM-08 | 43.22 | -125. | 1005 | 3.90 | 34.40 | | | | | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 0 | 15.40 | 30.17 | 9.36 | | 10.94 | 1.79 | | 7.49 |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 10 | 12.70 | 31.41 | | | 9.25 | 1.63 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 17.5 | 10.40 | 32.20 | | | 16.27 | 3.27 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 20 | 10.80 | 32.52 | | | 15.06 | 3.10 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 29 | 9.20 | 32.74 | | | 12.61 | 2.50 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 40 | 8.90 | 32.77 | | | 5.48 | 1.06 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 50 | 8.80 | 32.78 | | | | 0.64 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 70 | 8.70 | 32.83 | | | | 0.53 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 100 | 8.20 | 33.44 | | | | 0.70 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 150 | 7.60 | 33.92 | | | | 0.41 | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 850 | 4.20 | 34.35 | | | | | | |
| W9907A | 7/5/99 | 12:08 | 20 | FM-09 | 43.22 | -125.17 | 1005 | 3.80 | 34.41 | | | | | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 0 | 8.50 | 33.89 | 34.75 | | 44.97 | 7.11 | | 5.03 |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 5 | 8.40 | 33.90 | | | 29.97 | 5.35 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 10 | 7.90 | 33.92 | | | 18.46 | 3.03 | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 15 | 7.80 | 33.94 | | | 27.10 | 4.47 | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 20 | 7.70 | 33.95 | | | 21.32 | 3.37 | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 25 | 7.60 | 33.96 | | | 17.90 | 2.96 | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 30 | 7.50 | 33.96 | | | 19.69 | 3.10 | | |
| W9907A | 7/5/99 | 21:01 | 21 | CR-01 | 41.90 | -124.3 | 35 | 7.50 | 33.96 | | | 18.41 | 3.08 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 0 | 13.00 | 32.95 | 15.90 | | 18.13 | 2.49 | | 11.73 |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 5 | 12.50 | 32.95 | | | 18.60 | 2.65 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 10 | 12.30 | 32.95 | | | 18.72 | 2.36 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 20 | 9.50 | 33.16 | | | 12.79 | 1.79 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 30 | 8.70 | 33.24 | | | 7.14 | 0.41 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 40 | 8.80 | 33.63 | | | 15.55 | 2.60 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 50 | 8.60 | 33.78 | | | 17.23 | 2.60 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 60 | 8.60 | 33.80 | | | 17.96 | 2.62 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 70 | 8.50 | 33.82 | | | 19.10 | 2.54 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 99 | 8.00 | 33.88 | | | 14.38 | 1.93 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 120 | 7.70 | 33.95 | | | 28.47 | 3.65 | | |
| W9907A | 7/5/99 | 23:05 | 23 | CR-03 | 41.90 | -124.5 | 129 | 7.70 | 33.95 | | | 33.64 | 3.81 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 0 | 12.10 | 32.74 | 15.19 | | 19.07 | 2.99 | | 11.77 |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 10 | 12.00 | 32.74 | | | 17.31 | 2.58 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 15 | 11.30 | 32.73 | | | 13.47 | 1.93 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 20 | 9.60 | 32.84 | | | 9.12 | 1.64 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 30 | 9.70 | 32.93 | | | 8.43 | 1.03 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 40 | 9.10 | 33.15 | | | 6.01 | 0.92 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 51 | 8.80 | 33.37 | | | 4.47 | 0.30 | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 70 | 8.70 | 33.63 | | | 4.40 | | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.10 | 33.84 | | | 4.49 | | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 150 | 7.40 | 33.96 | | | 4.56 | | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 451 | 5.60 | 34.12 | | | | | | |
| W9907A | 7/6/99 | 0:35 | 24 | CR-04 | 41.90 | -124.6 | 490 | 5.50 | 34.14 | | | | | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 0 | 13.40 | 32.67 | 9.07 | | 16.86 | 2.21 | | 6.86 |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 10 | 12.90 | 32.71 | | | 16.87 | 2.47 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 15 | 12.40 | 32.73 | | | 17.64 | 2.90 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 20 | 12.00 | 32.76 | | | 14.49 | 2.02 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 30 | 10.50 | 32.91 | | | 8.34 | 1.08 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 40 | 9.90 | 32.91 | | | 6.33 | 0.92 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 49 | 9.30 | 32.97 | | | 5.33 | 0.34 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 70 | 8.80 | 33.26 | | | 4.86 | 0.49 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 100 | 8.50 | 33.64 | | | 4.41 | 0.61 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 150 | 7.70 | 33.92 | | | | 0.58 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 499 | 5.20 | 34.16 | | | | 0.52 | | |
| W9907A | 7/6/99 | 2:24 | 25 | CR-05 | 41.90 | -124.7 | 620 | 4.60 | 34.25 | | | | 0.43 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 0 | 12.70 | 33.11 | 15.07 | | 29.97 | 4.39 | | 6.95 |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 10 | 12.70 | 33.11 | | | 28.26 | 4.11 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 20 | 10.20 | 33.36 | | | 26.73 | 4.11 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 25 | 10.30 | 33.53 | | | 28.09 | 4.50 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 30 | 9.30 | 33.43 | | | 21.88 | 3.79 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 40 | 8.90 | 33.55 | | | 13.48 | 2.28 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 50 | 8.70 | 33.69 | | | 11.15 | 1.99 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 70 | 8.40 | 33.78 | | | 6.50 | 1.00 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 100 | 7.90 | 33.89 | | | 4.21 | 0.61 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 150 | 7.20 | 33.97 | | | | 0.62 | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 500 | 5.00 | 34.17 | | | | | | |
| W9907A | 7/6/99 | 5:47 | 27 | CR-07 | 41.90 | -125. | 817 | 4.00 | 34.38 | | | | | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 0 | 11.10 | 33.17 | 20.65 | | 29.24 | 5.24 | | 7.15 |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 10 | 11.10 | 33.15 | | | 18.44 | 3.11 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 20 | 9.20 | 33.04 | | | 14.07 | 2.63 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 25 | 9.10 | 33.10 | | | 14.56 | 2.56 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 30 | 9.10 | 33.37 | | | 13.96 | 2.40 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 40 | 9.50 | 33.57 | | | 7.43 | 1.40 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 50 | 9.00 | 33.68 | | | 5.88 | 1.00 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 70 | 8.40 | 33.77 | | | | 0.48 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 100 | 8.00 | 33.88 | | | | 0.50 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 150 | 7.40 | 33.95 | | | | 0.50 | | |
| W9907A | 7/6/99 | 9:43 | 29 | CR-09 | 41.90 | -125.33 | 1005 | 3.70 | 34.43 | | | | 0.50 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 0 | 11.00 | 33.62 | 21.72 | | 56.65 | 9.89 | | 8.59 |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 5 | 10.60 | 33.60 | | | 57.09 | 9.75 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 10 | 10.50 | 33.63 | | | 47.98 | 8.46 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 15 | 10.10 | 33.67 | | | 44.49 | 7.77 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 20 | 9.20 | 33.71 | | | 13.58 | 2.63 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 25 | 8.70 | 33.74 | | | 11.66 | 2.15 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 30 | 8.30 | 33.81 | | | 6.30 | 1.29 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 40 | 8.10 | 33.85 | | | | 1.02 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 50 | 7.70 | 33.92 | | | 4.75 | 1.16 | | |
| W9907A | 7/6/99 | 20:29 | 30 | EU-01 | 40.87 | -124.27 | 55 | 7.70 | 33.93 | | | 4.50 | 1.17 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 0 | 12.10 | 33.54 | 15.07 | | 27.04 | 4.30 | | 7.76 |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 5 | 12.00 | 33.54 | | | 25.70 | 4.39 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 10 | 9.70 | 33.51 | | | 19.46 | 3.24 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 15 | 9.20 | 33.57 | | | 13.01 | 2.32 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 20 | 8.80 | 33.61 | | | 10.30 | 1.63 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 30 | 8.60 | 33.70 | | | 5.30 | 1.24 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 40 | 8.50 | 33.79 | | | | 0.82 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 50 | 8.30 | 33.85 | | | | 0.69 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 60 | 8.00 | 33.90 | | | | 0.69 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 70 | 7.90 | 33.91 | | | 4.53 | 0.65 | | |
| W9907A | 7/6/99 | 21:31 | 31 | EU-02 | 40.87 | -124.37 | 105 | 7.20 | 33.99 | | | 6.41 | 1.24 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 0 | 12.20 | 33.20 | 14.64 | | 58.93 | 7.87 | | 6.69 |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 10 | 11.60 | 33.15 | | | 49.08 | 7.11 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 15 | 9.80 | 33.35 | | | 26.37 | 4.07 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 20 | 9.60 | 33.41 | | | 21.53 | 3.49 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 30 | 9.00 | 33.49 | | | 8.01 | 1.35 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 40 | 8.70 | 33.67 | | | | 0.64 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 50 | 8.50 | 33.74 | | | | 0.48 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 70 | 8.10 | 33.85 | | | | 0.47 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 101 | 7.60 | 33.95 | | | | 0.43 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 150 | 7.30 | 34.01 | | | | 0.66 | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 300 | 6.50 | 34.05 | | | | | | |
| W9907A | 7/6/99 | 22:58 | 32 | EU-03 | 40.87 | -124.47 | 349 | 6.30 | 34.08 | | | | | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 0 | 11.70 | 33.45 | 17.96 | | 104.53 | 11.33 | | 6.62 |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 5 | 10.70 | 33.47 | | | 99.26 | 11.64 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 10 | 10.00 | 33.48 | | | 52.14 | 8.26 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 20 | 9.20 | 33.59 | | | 21.84 | 3.94 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 30 | 8.80 | 33.64 | | | 14.02 | 2.83 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 40 | 8.70 | 33.69 | | | 8.05 | 1.71 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 50 | 8.50 | 33.77 | | | 6.87 | 1.39 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 70 | 8.30 | 33.81 | | | 6.29 | 1.17 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 100 | 8.00 | 33.90 | | | 5.16 | 0.78 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 150 | 7.60 | 33.97 | | | 9.65 | 1.40 | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 500 | 5.50 | 34.22 | | | | | | |
| W9907A | 7/7/99 | 1:38 | 34 | EU-05 | 40.87 | -124.67 | 690 | 4.80 | 34.27 | | | | | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 0 | 11.80 | 33.09 | 16.43 | | 31.03 | 5.41 | | 10.79 |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 10 | 11.50 | 33.07 | | | 30.44 | 5.15 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 20 | 10.60 | 33.00 | | | 16.32 | 2.96 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 30 | 9.80 | 32.96 | | | 11.86 | 2.33 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 40 | 9.10 | 32.99 | | | 7.90 | 1.33 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 50 | 8.90 | 33.12 | | | 6.66 | 1.16 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 70 | 9.00 | 33.53 | | | 10.21 | 1.94 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 85 | 8.90 | 33.68 | | | 13.38 | 2.26 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 100 | 8.60 | 33.78 | | | 16.40 | 3.11 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 150 | 7.80 | 33.93 | | | 6.32 | 1.00 | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 715 | 4.40 | 34.29 | | | | | | |
| W9907A | 7/7/99 | 5:11 | 36 | EU-07 | 40.87 | -124.93 | 1000 | 3.70 | 34.43 | | | | | | |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 3 | 9.36 | 33.14 | 20.30 | | 58.53 | 8.22 | | 7.94 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 7 | 9.11 | 33.19 | 26.10 | | 32.11 | 4.68 | | 6.63 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 12 | 8.69 | 33.26 | 28.10 | | 22.29 | 2.93 | | 6.84 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 14 | 8.37 | 33.22 | 28.96 | | 18.44 | 1.73 | | 5.88 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 17 | 8.10 | 33.24 | 30.35 | | 17.22 | 1.35 | | 5.71 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 22 | 8.13 | 33.41 | 30.45 | | 11.20 | 0.72 | | 4.66 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 27 | 8.18 | 33.52 | 33.89 | | 11.17 | 0.66 | | 6.84 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 32 | 8.18 | 33.58 | | | 29.09 | 1.96 | | |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 42 | 8.03 | 33.74 | 35.38 | | 13.68 | 1.16 | | 2.97 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 52 | 7.96 | 33.77 | 35.99 | | 13.80 | 1.28 | | 3.24 |
| W9909C | 9/22/99 | 20:04 | 3 | NH-05 | 44.65 | -124.18 | 55 | 7.96 | 33.77 | 37.46 | | 16.67 | 1.70 | | 4.48 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 3 | 12.59 | 32.29 | 12.57 | | 22.74 | 3.69 | | 7.07 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 6.5 | 12.37 | 32.33 | 13.08 | | 28.87 | 3.44 | | 7.53 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 12 | 11.20 | 32.57 | 13.96 | | 15.74 | 1.96 | | 5.98 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 22 | 9.42 | 32.76 | 16.40 | | 11.20 | 1.07 | | 6.56 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 32 | 8.66 | 32.79 | 15.43 | | 8.01 | 0.68 | | 5.36 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 42 | 8.45 | 32.81 | 19.04 | | 7.44 | 0.72 | | 8.93 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 51 | 8.28 | 32.88 | 20.82 | | 17.43 | 0.72 | | 5.84 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 62 | 8.33 | 33.13 | 24.75 | | 9.98 | 0.61 | | 5.33 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 71 | 8.25 | 33.42 | 34.70 | | 8.28 | 0.86 | | 5.43 |
| W9909C | 9/22/99 | 23:04 | 5 | NH-15 | 44.65 | -124.41 | 82 | 8.04 | 33.73 | 37.54 | | 9.88 | 0.96 | | 4.69 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 3 | 11.51 | 32.46 | 16.81 | | 20.03 | 3.03 | | 7.09 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 12 | 11.24 | 32.50 | 16.36 | | 17.94 | 3.08 | | 6.10 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 20 | 10.53 | 32.61 | | | 18.88 | 3.10 | | |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 22 | 10.27 | 32.66 | 17.64 | | 16.09 | 2.25 | | 7.43 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 32 | 8.88 | 32.78 | 15.65 | | 5.98 | 0.73 | | 6.17 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 42 | 8.54 | 32.80 | 16.23 | | 6.99 | 0.77 | | 6.42 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 52 | 8.32 | 32.85 | 16.27 | | 5.58 | 0.54 | | 5.29 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 72 | 8.17 | 33.06 | 22.96 | | 6.58 | 0.87 | | 4.87 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 102 | 8.16 | 33.58 | 35.08 | | 6.76 | 0.79 | | 3.74 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 152 | 7.88 | 33.88 | 35.14 | | 6.05 | 0.49 | | 2.74 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 202 | 7.38 | 33.94 | 35.89 | | 7.41 | 0.70 | | 1.07 |
| W9909C | 9/23/99 | 6:31 | 7 | NH-25 | 44.65 | -124.65 | 275 | 6.96 | 33.98 | 39.44 | | 7.34 | 0.77 | | 2.87 |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 3 | 14.96 | 31.59 | 8.49 | | 16.49 | 2.72 | | 5.70 |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 12 | 14.05 | 31.90 | | | 16.07 | 2.44 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 17 | 13.19 | 32.37 | | | 16.95 | 2.78 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 22 | 11.28 | 32.69 | | | 10.67 | 1.77 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 32 | 9.99 | 32.75 | | | 7.96 | 1.05 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 42 | 9.11 | 32.77 | | | 5.46 | 0.78 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 52 | 8.52 | 32.79 | | | 6.30 | 0.58 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 72 | 8.30 | 32.99 | | | 4.30 | 0.44 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 102 | 8.26 | 33.58 | | | 3.99 | 0.39 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 152 | 7.73 | 33.90 | | | | 0.58 | | |
| W9909C | 9/23/99 | 9:22 | 8 | NH-35 | 44.65 | -124.88 | 427 | 5.80 | 34.05 | | | 5.47 | 0.50 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 3 | 15.65 | 31.66 | 7.72 | | 12.10 | 1.78 | | 5.92 |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 12 | 15.48 | 31.71 | | | 13.80 | 1.99 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.43 | 32.56 | | | 9.44 | 1.69 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 22 | 12.07 | 32.59 | | | 10.29 | 1.37 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 32 | 10.46 | 32.73 | | | 6.53 | 1.14 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 42 | 9.65 | 32.76 | | | 6.41 | 0.68 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 52 | 9.00 | 32.79 | | | 4.60 | 0.49 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 72 | 8.49 | 32.93 | | | 6.40 | 0.66 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 102 | 8.40 | 33.75 | | | 5.24 | 0.52 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 152 | 8.20 | 33.96 | | | 4.18 | 0.58 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 502 | 5.39 | 34.09 | | | | 0.30 | | |
| W9909C | 9/23/99 | 10:58 | 9 | NH-45 | 44.65 | -125.12 | 693 | 4.39 | 34.26 | | | | 0.26 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 3 | 14.57 | 31.97 | 10.14 | | 13.70 | 2.21 | | 7.87 |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 12 | 11.84 | 32.45 | | | 17.28 | 3.03 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 20 | 10.16 | 32.72 | | | 12.75 | 2.24 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 22 | 9.77 | 32.75 | | | 11.30 | 1.99 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 32 | 8.89 | 32.78 | | | 8.20 | 0.95 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 42 | 8.40 | 32.82 | | | 4.93 | 0.75 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 53 | 8.57 | 32.97 | | | 5.20 | 0.89 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 72 | 8.54 | 33.23 | | | 5.71 | 0.84 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 102 | 8.36 | 33.67 | | | | 0.63 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 153 | 7.66 | 33.91 | | | | 0.42 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 765 | 4.47 | 34.27 | | | 4.49 | 0.35 | | |
| W9909C | 9/23/99 | 15:30 | 11 | NH-65 | 44.65 | -125.6 | 1007 | 3.77 | 34.39 | | | 4.60 | 0.52 | | |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 3 | 12.47 | 32.57 | 9.92 | | 13.10 | 2.20 | | 5.94 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 12 | 11.69 | 32.96 | 13.27 | | 10.16 | 1.71 | | 6.99 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 18 | 11.44 | 33.04 | 14.82 | | 8.04 | 1.23 | | 6.00 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 22 | 11.09 | 33.02 | 17.02 | | 9.53 | 1.22 | | 6.43 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 32 | 10.29 | 33.02 | 18.05 | | 7.60 | 1.02 | | 5.86 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 42 | 9.07 | 33.13 | 21.03 | | | 0.75 | | 6.03 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 72 | 8.35 | 33.66 | 24.04 | | 5.33 | 0.78 | | 5.26 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 92 | 8.05 | 33.81 | 28.24 | | 4.57 | 0.61 | | 4.66 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 102 | 7.91 | 33.85 | 33.73 | | | 0.56 | | 4.93 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 152 | 7.37 | 33.95 | 37.36 | | 4.54 | 0.54 | | 4.90 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 527 | 5.02 | 34.17 | 45.15 | | | 0.38 | | 2.54 |
| W9909C | 9/23/99 | 18:45 | 12 | NH-85 | 44.65 | -126.05 | 1007 | 3.55 | 34.42 | 46.83 | | | 0.28 | | 1.51 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 1 | 9.43 | 33.64 | | | 14.43 | 2.47 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 5 | 9.45 | 33.64 | | | 13.63 | 2.27 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 10 | 9.37 | 33.64 | | | 14.31 | 2.58 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 15 | 9.18 | 33.66 | | | 13.96 | 2.25 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 19 | 9.02 | 33.68 | | | 9.52 | 1.39 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 25 | 8.78 | 33.73 | | | 8.02 | 1.06 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 31 | 8.71 | 33.75 | | | 6.16 | 1.04 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 41 | 8.60 | 33.79 | | | 6.28 | 0.92 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 50 | 8.51 | 33.80 | | | 6.93 | 0.85 | | |
| W9909C | 9/24/99 | 15:13 | 19 | FM-03 | 43.22 | -124.5 | 58 | 8.51 | 33.80 | | | 10.31 | 1.03 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 1 | 9.77 | 33.41 | 20.24 | | 12.52 | 2.18 | | 1.75 |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 5 | 9.76 | 33.42 | | | 13.33 | 2.00 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 10 | 9.77 | 33.41 | | | 11.51 | 2.05 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 20 | 9.65 | 33.49 | | | 12.95 | 2.14 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 30 | 9.61 | 33.51 | | | 11.33 | 2.00 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 40 | 9.55 | 33.57 | | | 13.02 | 2.11 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 50 | 9.49 | 33.61 | | | 12.31 | 2.09 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 55 | 9.31 | 33.62 | | | 8.16 | 1.40 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 60 | 9.12 | 33.64 | | | 9.39 | 1.15 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 70 | 8.56 | 33.78 | | | 5.86 | 0.75 | | |
| W9909C | 9/24/99 | 14:07 | 18 | FM-04 | 43.22 | -124.58 | 76 | 8.50 | 33.81 | | | 4.58 | 0.65 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 1 | 10.38 | 33.08 | 15.72 | | 9.81 | 1.94 | | 3.95 |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 10 | 10.12 | 33.25 | | | 12.07 | 2.23 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 20 | 9.83 | 33.48 | | | 16.56 | 2.51 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 25 | 9.74 | 33.55 | | | 14.14 | 2.11 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 30 | 9.66 | 33.56 | | | 13.44 | 2.27 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 40 | 9.22 | 33.61 | | | 10.09 | 1.75 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 50 | 9.19 | 33.62 | | | 9.88 | 1.36 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 60 | 9.05 | 33.64 | | | 8.95 | 1.06 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 70 | 8.92 | 33.68 | | | 6.45 | 0.93 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 100 | 8.33 | 33.84 | | | 5.51 | 0.72 | | |
| W9909C | 9/24/99 | 12:23 | 17 | FM-05 | 43.22 | -124.67 | 140 | 8.38 | 33.88 | | | 6.33 | 0.81 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 1 | 14.22 | 32.61 | 10.00 | | 13.16 | 2.21 | | 7.31 |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 10 | 14.22 | 32.61 | | | 12.46 | 2.14 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 20 | 11.97 | 32.81 | | | 9.38 | 1.55 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 25 | 11.38 | 32.85 | | | 8.25 | 1.32 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 30 | 11.32 | 32.86 | | | 7.31 | 1.09 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 40 | 10.33 | 32.86 | | | 4.83 | 0.74 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 50 | 8.74 | 32.84 | | | 3.68 | 0.51 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 67 | 8.26 | 32.98 | | | 3.83 | 0.51 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 100 | 8.76 | 33.64 | | | 4.32 | 0.72 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 150 | 8.00 | 33.87 | | | | 0.51 | | |
| W9909C | 9/24/99 | 9:12 | 15 | FM-07 | 43.22 | -124.83 | 327 | 6.24 | 34.05 | | | 5.65 | 0.65 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 1.4 | 15.12 | 32.46 | 8.52 | | 11.38 | 1.53 | | 6.96 |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 10 | 15.07 | 32.47 | | | 11.56 | 1.40 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 20 | 12.26 | 32.75 | | | 10.06 | 1.23 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 25 | 11.27 | 32.79 | | | 17.92 | 1.83 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 30 | 10.74 | 32.82 | | | 8.28 | 1.08 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 40 | 9.35 | 32.82 | | | 5.98 | 0.70 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 50 | 8.97 | 32.88 | | | 6.51 | 0.55 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 70 | 8.40 | 32.91 | | | 7.09 | 0.44 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 101 | 8.50 | 33.24 | | | 5.85 | 0.79 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 150 | 7.83 | 33.89 | | | | 0.33 | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 810 | 4.14 | 34.34 | | | | | | |
| W9909C | 9/24/99 | 6:01 | 14 | FM-08 | 43.22 | -125. | 1004 | 3.60 | 34.42 | | | 9.95 | 1.41 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 2 | 14.70 | 32.57 | 9.76 | | 13.36 | 2.07 | | 7.58 |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 10 | 13.11 | 32.64 | | | 14.29 | 2.20 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 16 | 12.36 | 32.70 | | | 13.02 | 1.88 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 20 | 12.19 | 32.80 | | | 10.48 | 1.60 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 30 | 9.84 | 32.78 | | | 6.38 | 1.00 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 41 | 9.06 | 32.80 | | | 5.48 | 0.74 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 51 | 8.80 | 32.83 | | | 6.60 | 0.64 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 70 | 8.39 | 32.95 | | | 4.60 | 0.50 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 100 | 8.75 | 33.55 | | | | 0.40 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 150 | 8.05 | 33.88 | | | 4.29 | 0.37 | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 856 | 3.92 | 34.36 | | | | | | |
| W9909C | 9/24/99 | 3:33 | 13 | FM-09 | 43.22 | -125.17 | 1005 | 3.55 | 34.42 | | | | | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 0 | 12.30 | 33.05 | 19.33 | | 67.54 | 8.53 | | 7.77 |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 5 | 12.24 | 33.06 | | | 51.82 | 6.79 | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 10 | 11.48 | 33.21 | | | 28.30 | 4.39 | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 14 | 11.09 | 33.30 | | | 22.23 | 3.30 | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 20 | 10.68 | 33.32 | | | 32.37 | 5.08 | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 25 | 10.86 | 33.45 | | | 19.91 | 3.23 | | |
| W9909C | 9/24/99 | 23:30 | 21 | CR-1 | 41.90 | -124.3 | 35 | 10.46 | 33.50 | | | 16.47 | 2.78 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 0 | 10.87 | 33.19 | 18.46 | | 13.05 | 1.83 | | 7.33 |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 10 | 10.84 | 33.20 | | | 12.71 | 1.95 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 20 | 9.86 | 33.30 | | | 8.46 | 1.31 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 30 | 9.60 | 33.38 | | | 5.66 | 0.78 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 35 | 9.47 | 33.43 | | | 7.12 | 0.69 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 50 | 9.23 | 33.54 | | | 6.90 | 0.63 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 60 | 9.08 | 33.60 | | | 5.45 | 0.54 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 70 | 8.98 | 33.64 | | | 4.30 | | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 100 | 8.43 | 33.84 | | | 4.53 | 0.44 | | |
| W9909C | 9/25/99 | 1:45 | 23 | CR-3 | 41.90 | -124.5 | 125 | 8.37 | 33.86 | | | 5.22 | 0.59 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 1 | 11.29 | 33.18 | 17.38 | | 14.94 | 2.44 | | 7.26 |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 10 | 11.23 | 33.18 | | | 13.31 | 2.25 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 13 | 10.11 | 33.29 | | | 13.03 | 1.97 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 21 | 9.40 | 33.39 | | | 6.75 | 0.91 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 30 | 9.28 | 33.47 | | | 5.38 | 0.62 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 40 | 9.08 | 33.57 | | | 4.36 | 0.61 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 53 | 8.62 | 33.69 | | | 4.32 | 0.61 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 71 | 8.52 | 33.78 | | | | 0.40 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 102 | 8.28 | 33.89 | | | | 0.28 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 150 | 7.87 | 33.96 | | | 4.95 | 0.42 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 238 | 7.44 | 33.99 | | | 4.91 | 0.37 | | |
| W9909C | 9/25/99 | 3:00 | 24 | CR-4 | 41.90 | -124.6 | 496 | 5.27 | 34.14 | | | | 0.32 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 1.2 | 11.41 | 33.20 | 18.36 | | 14.08 | 2.19 | | 7.75 |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 10 | 11.41 | 33.20 | | | 12.36 | 1.93 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 13 | 11.38 | 33.20 | | | 10.17 | 1.55 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 20 | 10.03 | 33.42 | | | 9.89 | 1.24 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 31 | 9.38 | 33.47 | | | 6.02 | 0.79 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 40 | 9.11 | 33.51 | | | 5.80 | 0.71 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 51 | 8.81 | 33.61 | | | 5.69 | 0.57 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 71 | 8.45 | 33.81 | | | 3.88 | 0.38 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 99 | 8.07 | 33.93 | | | 4.01 | 0.38 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 150 | 7.51 | 33.98 | | | 4.80 | 0.38 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 500 | 5.25 | 34.16 | | | | 0.33 | | |
| W9909C | 9/25/99 | 5:04 | 25 | CR-5 | 41.90 | -124.7 | 578 | 4.71 | 34.22 | | | | 0.26 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 1 | 10.82 | 33.16 | 20.93 | | 13.15 | 1.93 | | 7.58 |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 10 | 10.64 | 33.17 | | | 10.70 | 1.76 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 13 | 10.40 | 33.18 | | | 10.91 | 1.55 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 20 | 10.35 | 33.18 | | | 11.35 | 1.67 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 30 | 9.71 | 33.26 | | | 9.35 | 1.17 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 40 | 9.47 | 33.35 | | | 7.93 | 0.89 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 50 | 9.12 | 33.52 | | | 6.17 | 0.88 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 70 | 8.61 | 33.62 | | | 6.58 | 0.41 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 100 | 8.09 | 33.86 | | | 3.87 | 0.30 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 150 | 7.45 | 33.96 | | | 4.47 | 0.30 | | |
| W9909C | 9/25/99 | 9:06 | 27 | CR-7 | 41.90 | -125. | 825 | 4.02 | 34.37 | | | 4.93 | | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 1 | 11.25 | 32.86 | 14.86 | | 8.92 | 1.25 | | 7.78 |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 5 | 11.27 | 32.86 | | | 9.11 | 1.37 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 10 | 11.18 | 32.87 | | | 7.97 | 1.32 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 20 | 10.87 | 32.90 | | | 8.02 | 1.21 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 30 | 10.41 | 32.94 | | | 5.41 | 0.71 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 40 | 9.97 | 33.18 | | | | 0.45 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 50 | 9.26 | 33.35 | | | 6.30 | 0.47 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 71 | 8.99 | 33.58 | | | 5.64 | 0.37 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 100 | 8.42 | 33.76 | | | | 0.30 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 150 | 7.64 | 33.96 | | | 4.34 | 0.30 | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 841 | 4.11 | 34.34 | | | | | | |
| W9909C | 9/25/99 | 13:13 | 29 | CR-9 | 41.90 | -125.3 | 1003 | 3.71 | 34.42 | | | | | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 1 | 11.03 | 33.30 | | | 24.14 | 2.94 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 5 | 10.99 | 33.30 | | | 15.34 | 2.27 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 10 | 10.28 | 33.32 | | | 11.09 | 1.40 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 15 | 9.96 | 33.37 | | | 11.44 | 1.47 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 20 | 9.87 | 33.39 | | | 7.42 | 1.25 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 25 | 9.85 | 33.40 | | | 9.76 | 1.15 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 30 | 9.74 | 33.47 | | | 8.62 | 1.03 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 40 | 9.59 | 33.51 | | | 8.36 | 0.94 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 50 | 9.27 | 33.59 | | | 8.99 | 0.91 | | |
| W9909C | 9/25/99 | 21:07 | 30 | EU-1 | 40.87 | -124.7 | 54 | 9.07 | 33.65 | | | 8.22 | 0.89 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 1 | 11.63 | 33.25 | 13.82 | | 19.82 | 3.28 | | 1.73 |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 5 | 11.64 | 33.25 | | | 21.37 | 3.37 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 10 | 11.61 | 33.25 | | | 20.93 | 3.23 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 15 | 11.49 | 33.24 | | | 17.99 | 2.94 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 20 | 10.34 | 33.21 | | | 9.20 | 1.10 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 30 | 9.71 | 33.32 | | | 8.37 | 0.71 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 40 | 9.44 | 33.43 | | | 7.80 | 0.61 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 50 | 9.28 | 33.47 | | | 8.20 | 0.71 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 60 | 9.28 | 33.50 | | | 6.22 | 0.69 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 70 | 9.12 | 33.61 | | | 12.59 | 0.62 | | |
| W9909C | 9/25/99 | 22:22 | 31 | EU-2 | 40.87 | -124.37 | 105 | 8.33 | 33.89 | | | 6.18 | 0.59 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 2.6 | 12.62 | 33.10 | 11.68 | | 13.59 | 1.49 | | 3.69 |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 10 | 12.58 | 33.10 | | | 12.40 | 1.56 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 20 | 11.64 | 33.14 | | | 10.90 | 1.24 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 30 | 11.06 | 33.29 | | | 13.35 | 2.01 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 35 | 10.56 | 33.28 | | | 9.65 | 1.12 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 40 | 9.87 | 33.32 | | | 6.61 | 0.64 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 50 | 9.50 | 33.43 | | | | | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 70 | 8.85 | 33.66 | | | 8.20 | 0.50 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 100 | 8.51 | 33.83 | | | 5.92 | 0.37 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 151 | 8.08 | 33.95 | | | 5.51 | 0.37 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 180 | 7.87 | 33.96 | | | 5.19 | 0.44 | | |
| W9909C | 9/26/99 | 0:06 | 32 | EU-3 | 40.87 | -124.7 | 360 | 6.43 | 34.04 | | | 4.74 | 0.30 | | |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 1 | 10.04 | 33.02 | 26.33 | | 9.57 | 1.47 | | 11.84 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 5 | 10.04 | 33.02 | 26.38 | | 11.77 | 1.60 | | 11.76 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 10 | 10.04 | 33.02 | 22.81 | | 11.62 | 1.60 | | 8.19 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 15 | 10.04 | 33.01 | 25.03 | | 8.91 | 1.42 | | 10.68 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 20 | 10.05 | 33.02 | 24.37 | | 9.21 | 1.53 | | 9.80 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 25 | 10.03 | 33.00 | 24.31 | | 8.81 | 1.50 | | 9.78 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 30 | 9.98 | 33.05 | 24.08 | | 11.30 | 1.63 | | 9.06 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 39 | 9.96 | 33.06 | 25.47 | | 14.32 | 1.58 | | 9.83 |
| W9911A | 11/3/99 | 22:37 | 2 | NH-05 | 44.65 | -124.18 | 52 | 9.89 | 33.09 | 29.79 | | 27.17 | 2.01 | | 12.96 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 1 | 11.10 | 32.58 | 13.58 | | 12.44 | 1.64 | | 6.83 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 5 | 11.10 | 32.58 | 14.26 | | 10.04 | 1.59 | | 7.16 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 10 | 11.10 | 32.58 | 14.69 | | 13.14 | 1.73 | | 7.10 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 17 | 11.00 | 32.60 | 15.35 | | 10.02 | 1.75 | | 6.80 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 21 | 10.80 | 32.70 | | | 7.71 | 0.98 | | |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 30 | 10.10 | 32.99 | 23.66 | | | | | |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 40 | 9.30 | 33.29 | 27.33 | | 6.99 | 0.89 | | 6.32 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 61 | 8.50 | 33.51 | 31.11 | | 8.56 | 1.02 | | 5.55 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 71 | 8.20 | 33.60 | 33.79 | | 6.62 | 0.56 | | 6.23 |
| W9911A | 11/4/99 | 1:25 | 4 | NH-15 | 44.65 | -124.41 | 84 | 8.20 | 33.65 | 33.95 | | 12.51 | 0.95 | | 5.05 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 2 | 10.90 | 32.55 | 13.42 | | 7.92 | 1.20 | | 6.99 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 10 | 10.90 | 32.55 | | | 7.61 | 1.26 | | |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 20 | 10.80 | 32.56 | 13.68 | | 7.33 | 1.22 | | 6.84 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 30 | 10.40 | 32.74 | 19.34 | | 12.67 | 0.86 | | 7.23 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 40 | 9.40 | 32.96 | 20.65 | | 5.61 | 0.38 | | 5.86 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 50 | 8.80 | 33.10 | | | 5.29 | 0.43 | | |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 70 | 8.30 | 33.50 | 31.86 | | 6.77 | 0.50 | | |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 100 | 8.10 | 33.82 | 34.59 | | 4.62 | 0.50 | | 3.32 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 116 | 8.00 | 33.84 | 35.66 | | | 0.66 | | 4.25 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 149 | 7.90 | 33.89 | 36.39 | | 6.64 | 0.62 | | 4.25 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 200 | 7.70 | 33.94 | 38.36 | | 5.35 | 0.55 | | 5.99 |
| W9911A | 11/4/99 | 5:08 | 6 | NH-25 | 44.65 | -124.65 | 276 | 7.50 | 33.96 | 48.41 | | 8.56 | 1.06 | | 14.84 |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 1 | 11.20 | 32.54 | 11.48 | | 8.10 | 1.45 | | 5.98 |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 10 | 11.20 | 32.54 | | | 10.16 | 1.56 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 15 | 11.20 | 32.54 | | | 7.86 | 1.38 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 21 | 11.20 | 32.54 | | | 7.75 | 1.29 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 30 | 10.40 | 32.72 | | | | 0.93 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 40 | 9.00 | 32.86 | | | | 0.54 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 50 | 8.50 | 33.05 | | | | 0.39 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 70 | 8.40 | 33.47 | | | | 0.41 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 101 | 8.30 | 33.81 | | | | 0.47 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 150 | 7.90 | 33.93 | | | | 0.29 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 411 | 5.50 | 34.07 | | | | 0.36 | | |
| W9911A | 11/5/99 | 1:05 | 11 | NH-35 | 44.65 | -124.88 | 440 | 5.30 | 34.09 | | | | 0.47 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 1 | 11.50 | 32.55 | 10.89 | | 11.75 | 1.18 | | 6.82 |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 10 | 11.50 | 32.55 | | | 10.63 | 1.52 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 14 | 11.40 | 32.55 | | | 15.00 | 1.41 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 20 | 11.20 | 32.52 | | | 6.22 | 1.97 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 30 | 10.30 | 32.62 | | | 5.17 | 1.58 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 40 | 9.10 | 32.80 | | | 5.14 | 1.49 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 50 | 8.40 | 32.93 | | | | 1.25 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 71 | 8.30 | 33.19 | | | 5.08 | 1.15 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 101 | 8.20 | 33.57 | | | | 0.98 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 151 | 7.60 | 33.92 | | | | 0.84 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 500 | 5.00 | 34.12 | | | | 0.59 | | |
| W9911A | 11/4/99 | 22:18 | 10 | NH-45 | 44.65 | -125.12 | 755 | 4.20 | 34.31 | | | | 0.48 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 2 | 13.20 | 32.55 | 8.56 | | 9.97 | 1.15 | | 6.90 |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 10 | 13.20 | 32.55 | | | 11.13 | 1.22 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 20 | 13.20 | 32.55 | | | 10.35 | 1.44 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 30 | 13.20 | 32.55 | | | 10.09 | 1.22 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 40 | 13.20 | 32.55 | | | 6.98 | 0.71 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 50 | 10.50 | 32.70 | | | 4.87 | 0.36 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 70 | 8.30 | 32.82 | | | 5.57 | 0.29 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 100 | 8.00 | 33.17 | | | 6.18 | 0.41 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 150 | 7.70 | 33.88 | | | 5.48 | 0.29 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 735 | 4.30 | 34.28 | | | 3.78 | 0.24 | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 861 | 4.00 | 34.35 | | | 4.52 | | | |
| W9911A | 11/4/99 | 16:56 | 8 | NH-65 | 44.65 | -125.6 | 1005 | 3.60 | 34.42 | | | 5.46 | | | |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 2 | 12.20 | 32.59 | 10.28 | | 10.20 | 1.28 | | 7.10 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 10 | 12.20 | 32.59 | 10.49 | | 10.46 | 1.30 | | 7.17 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 20 | 12.20 | 32.59 | 13.92 | | 8.17 | 1.35 | | 10.65 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 29 | 12.20 | 32.60 | 13.19 | | 7.85 | 1.11 | | 9.73 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 39 | 12.10 | 32.61 | 13.40 | | 6.05 | 0.70 | | 7.70 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 50 | 9.80 | 32.82 | 18.31 | | 5.36 | 0.32 | | 9.61 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 100 | 8.30 | 33.38 | 31.75 | | 7.18 | 0.72 | | 7.27 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 150 | 7.80 | 33.88 | 37.35 | | 5.81 | 0.39 | | 7.66 |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 780 | 4.20 | 34.31 | | | 4.49 | 0.32 | | |
| W9911A | 11/4/99 | 14:10 | 7 | NH-85 | 44.65 | -126.05 | 1006 | 3.60 | 34.42 | 49.51 | | 5.12 | 0.34 | | 4.54 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 1 | 9.70 | 31.69 | 16.24 | | 12.17 | 1.14 | | 7.16 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 5 | 9.70 | 31.80 | 15.35 | | 10.84 | 1.23 | | 6.12 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 10 | 9.70 | 31.80 | 15.56 | | 12.55 | 1.32 | | 6.28 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 15 | 9.70 | 31.79 | 15.45 | | 9.68 | 1.14 | | 6.36 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 20 | 9.70 | 31.80 | 14.90 | | 13.46 | 1.18 | | 5.76 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 25 | 9.70 | 31.85 | 14.88 | | 13.02 | 1.32 | | 5.66 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 30 | 9.70 | 31.86 | 14.99 | | 12.82 | 1.27 | | 5.84 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 40 | 9.70 | 31.95 | 14.54 | | 10.44 | 1.19 | | 5.60 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 50 | 9.80 | 32.04 | 14.66 | | 8.55 | 0.94 | | 6.19 |
| W0002A | 2/1/00 | 21:39 | 2 | NH-05 | 44.65 | -124.18 | 52 | 9.80 | 32.05 | 14.28 | | 12.53 | 1.10 | | 5.65 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 1 | 10.00 | 32.69 | 15.39 | | 5.47 | 0.63 | | 6.56 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 10 | 10.00 | 32.68 | 15.34 | | 6.10 | 0.69 | | 6.46 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 20 | 10.00 | 32.69 | 15.45 | | 7.07 | 0.68 | | 6.57 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 30 | 10.00 | 32.69 | 15.24 | | 7.73 | 0.73 | | 6.32 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 40 | 10.00 | 32.68 | 15.51 | | 6.93 | 0.73 | | 6.51 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 50 | 10.00 | 32.68 | 15.28 | | 9.22 | 0.80 | | 6.21 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 60 | 10.00 | 32.68 | 15.22 | | 7.49 | 0.73 | | 6.21 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 70 | 10.00 | 32.69 | 15.53 | | 6.91 | 0.76 | | 6.50 |
| W0002A | 2/2/00 | 1:50 | 4 | NH-15 | 44.65 | -124.41 | 85 | 10.00 | 32.68 | 16.76 | | 5.91 | 0.65 | | 7.76 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 1 | 9.90 | 32.65 | 14.53 | | 10.04 | 0.92 | | 5.97 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 10 | 9.90 | 32.65 | 13.81 | | 10.04 | 0.94 | | 5.15 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 20 | 9.90 | 32.65 | 13.70 | | 10.07 | 0.81 | | 5.18 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 25 | 9.90 | 32.66 | 13.77 | | 11.09 | 1.18 | | 4.95 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 30 | 10.00 | 32.67 | 13.96 | | 9.63 | 1.36 | | 4.96 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 40 | 10.00 | 32.68 | 13.66 | | 8.54 | 1.16 | | 4.86 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 50 | 10.00 | 32.68 | 14.91 | | 6.61 | 0.96 | | 5.57 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 70 | 9.50 | 33.20 | 21.88 | | | 0.39 | | 5.29 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 100 | 9.00 | 33.49 | 26.92 | | | 0.30 | | 5.04 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 150 | 8.30 | 33.86 | 33.38 | | | | | 4.94 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 200 | 7.70 | 33.95 | 35.99 | | | | | 5.11 |
| W0002A | 2/3/00 | 2:09 | 14 | NH-25 | 44.65 | -124.65 | 275 | 6.90 | 33.99 | 38.68 | | | | | 5.14 |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 2 | 9.90 | 32.65 | 14.08 | | 10.91 | 1.15 | | 6.04 |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 10 | 9.90 | 32.65 | | | 10.46 | 0.92 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 20 | 9.90 | 32.64 | | | 9.95 | 0.85 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 29 | 9.80 | 32.64 | | | 9.86 | 0.86 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 41 | 9.80 | 32.65 | | | 8.71 | 0.85 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 50 | 9.80 | 32.65 | | | 8.51 | 0.49 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 61 | 9.70 | 32.65 | | | 7.74 | 0.36 | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 70 | 9.40 | 33.21 | | | | | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 101 | 8.80 | 33.64 | | | | | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 150 | 8.20 | 33.87 | | | | | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 314 | 6.60 | 34.01 | | | | | | |
| W0002A | 2/3/00 | 0:32 | 13 | NH-35 | 44.65 | -124.88 | 425 | 5.90 | 34.03 | | | | | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 1 | 9.70 | 32.67 | 12.26 | | 9.84 | 1.19 | | 5.47 |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 10 | 9.70 | 32.67 | | | 10.39 | 1.22 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 20 | 9.70 | 32.67 | | | 11.31 | 1.30 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 30 | 9.70 | 32.67 | | | 11.35 | 1.26 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 40 | 9.70 | 32.67 | | | 9.37 | 1.15 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 50 | 9.70 | 32.67 | | | 10.61 | 1.24 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 60 | 9.70 | 32.67 | | | 10.10 | 1.24 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 70 | 9.70 | 32.67 | | | 9.01 | 1.26 | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 100 | 9.00 | 33.59 | | | | | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 150 | 8.00 | 33.90 | | | | | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 500 | 5.10 | 34.12 | | | | | | |
| W0002A | 2/2/00 | 22:25 | 12 | NH-45 | 44.65 | -125.12 | 689 | 4.40 | 34.27 | | | | | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 1.6 | 9.40 | 32.63 | 12.77 | | 11.41 | 1.26 | | 5.58 |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 6 | 9.40 | 32.63 | | | 10.18 | 1.32 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 11 | 9.40 | 32.63 | | | 9.48 | 1.10 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 20 | 9.40 | 32.63 | | | 8.75 | 1.10 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 31 | 9.40 | 32.63 | | | 8.58 | 0.99 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 39 | 9.40 | 32.63 | | | 8.20 | 0.93 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 49 | 9.40 | 32.63 | | | 9.28 | 1.06 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 70 | 9.40 | 32.65 | | | 8.36 | 0.97 | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 101 | 8.30 | 33.62 | | | | | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 150 | 7.70 | 33.92 | | | | | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 802 | 4.10 | 34.33 | | | | | | |
| W0002A | 2/2/00 | 17:31 | 10 | NH-65 | 44.65 | -125.6 | 999 | 3.60 | 34.41 | | | | | | |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 3 | 9.30 | 32.64 | 12.79 | | 12.86 | 1.69 | | 4.61 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 10 | 9.30 | 32.65 | 12.60 | | 13.29 | 1.83 | | 4.37 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 20 | 9.40 | 32.65 | 13.13 | | 10.71 | 1.45 | | 5.27 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 30 | 9.40 | 32.65 | 12.60 | | 14.01 | 1.54 | | 4.95 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 42 | 9.40 | 32.66 | 12.01 | | 13.06 | 1.58 | | 4.24 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 45 | 9.40 | 32.66 | 12.54 | | 13.45 | 1.83 | | 4.51 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 50 | 9.40 | 32.66 | 12.41 | | 9.27 | 1.19 | | 5.02 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 69 | 9.30 | 32.75 | 15.19 | | 5.89 | 0.83 | | 4.93 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 100 | 8.30 | 33.63 | 31.21 | | 5.14 | 0.50 | | 4.67 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 152 | 7.80 | 33.89 | 35.38 | | | | | 4.83 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 900 | 3.80 | 34.39 | 46.88 | | | | | 2.06 |
| W0002A | 2/2/00 | 14:32 | 9 | NH-85 | 44.65 | -126.05 | 1000 | 3.50 | 34.43 | | | | | | |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 2 | 11.07 | 32.26 | 11.29 | 140.92 | 39.50 | 4.33 | 101.42 | 6.86 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 5 | 10.81 | 32.29 | 18.53 | 130.45 | 37.97 | 4.52 | 92.48 | 12.77 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 10 | 9.91 | 32.42 | 17.22 | 82.31 | 28.23 | 3.91 | 54.08 | 7.02 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 15 | 9.19 | 32.87 | 22.87 | 72.54 | 18.04 | 2.50 | 54.49 | 6.94 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 20 | 8.85 | 33.14 | 25.12 | | 8.42 | 0.90 | | 6.99 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 26 | 8.72 | 33.34 | 27.24 | 49.04 | 8.99 | 0.82 | 40.05 | 6.87 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 30 | 8.51 | 33.55 | 30.30 | 49.35 | 7.54 | 0.71 | 41.81 | 6.68 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 41 | 8.19 | 33.77 | 34.55 | 51.10 | 7.03 | 0.55 | 44.07 | 6.28 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 43 | 8.16 | 33.78 | 35.37 | 56.90 | 8.87 | 0.61 | 48.03 | 6.40 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 50 | 7.81 | 33.85 | 37.46 | 56.80 | 22.72 | 1.12 | 34.08 | 5.94 |
| W0004B | 4/12/00 | 1:03 | 4 | NH-05 | 44.65 | -124.18 | 55 | 7.81 | 33.85 | 37.50 | 67.47 | 21.59 | 1.52 | 45.88 | 5.80 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 2 | 11.12 | 29.61 | 9.76 | 64.90 | 10.88 | 1.67 | 54.02 | 7.80 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 5 | 10.88 | 30.25 | 10.06 | | 13.85 | 2.07 | | 7.71 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 10 | 10.23 | 31.53 | 12.09 | | 21.34 | 3.36 | | 7.36 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 15 | 9.52 | 32.53 | 17.64 | | 17.74 | 2.78 | | 10.13 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 20 | 9.37 | 32.59 | 14.88 | | 10.59 | 1.26 | | 7.63 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 30 | 9.22 | 32.61 | 15.94 | | 7.24 | 0.95 | | 9.03 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 35 | 9.12 | 32.62 | 15.90 | 64.24 | 5.77 | 0.71 | 58.47 | 9.45 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 41 | 9.04 | 32.62 | 17.30 | | 9.72 | 1.04 | | 10.18 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.99 | 32.63 | 15.68 | 59.64 | 15.34 | 0.79 | 44.29 | 8.52 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 61 | 9.08 | 32.80 | 20.70 | 54.98 | | 0.94 | 54.98 | 9.86 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 70 | 9.15 | 33.06 | 20.87 | 59.24 | | 0.83 | 59.24 | 6.47 |
| W0004B | 4/12/00 | 10:45 | 5 | NH-15 | 44.65 | -124.41 | 86 | 8.50 | 33.62 | 35.05 | 62.59 | | 0.77 | 62.59 | 10.80 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 2 | 11.25 | 29.43 | 7.58 | 75.60 | 8.64 | 1.37 | 66.96 | 6.05 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 10 | 10.43 | 31.18 | 9.63 | 74.87 | 10.14 | 1.84 | 64.73 | 7.02 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 21 | 9.79 | 32.44 | 13.86 | 68.63 | 8.66 | 1.41 | 59.97 | 7.47 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.77 | 32.56 | 14.60 | | 5.20 | 0.80 | | 7.32 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 40 | 9.69 | 32.64 | 15.53 | 71.27 | 4.47 | 0.68 | 66.80 | 8.31 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.65 | 32.67 | 15.04 | | 5.77 | 0.69 | | 7.72 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 70 | 9.00 | 32.69 | 14.22 | 56.32 | 5.70 | 0.55 | 50.61 | 6.95 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 101 | 9.05 | 33.14 | 24.26 | 60.71 | 4.49 | 0.52 | 56.22 | 7.22 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 151 | 8.24 | 33.93 | 39.08 | 49.06 | 5.50 | 0.54 | 43.55 | 6.24 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 201 | 6.89 | 33.98 | 40.83 | | 6.27 | 0.59 | | 5.75 |
| W0004B | 4/12/00 | 13:46 | 7 | NH-25 | 44.65 | -124.65 | 289 | 6.05 | 34.03 | 42.77 | 53.72 | 6.43 | 0.46 | 47.29 | 5.43 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 1 | 11.26 | 29.92 | 7.86 | 78.40 | 9.69 | 1.44 | 68.71 | 6.26 |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 10 | 10.43 | 31.36 | | | 13.64 | 2.44 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 15 | 9.96 | 32.22 | | | 12.18 | 2.18 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 20 | 9.83 | 32.40 | | | 9.51 | 1.52 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 31 | 9.77 | 32.55 | | | 7.42 | 1.20 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.69 | 32.61 | | | 5.55 | 0.85 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.65 | 32.67 | | | 5.14 | 0.88 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 70 | 9.00 | 32.62 | | | 5.61 | 0.51 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 100 | 9.07 | 33.38 | | | | 0.35 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.25 | 33.85 | | | | 0.33 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 400 | 5.59 | 34.08 | | | 5.73 | 0.32 | | |
| W0004B | 4/12/00 | 15:55 | 8 | NH-35 | 44.65 | -124.88 | 445 | 5.46 | 34.10 | | | 4.80 | 0.38 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 2 | 11.02 | 31.57 | | 64.70 | 7.59 | 1.26 | 57.11 | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 10 | 10.62 | 31.83 | | | 8.79 | 1.26 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 11 | 10.37 | 32.01 | | | 10.00 | 2.00 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 20 | 10.09 | 32.39 | | | 7.10 | 0.88 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 31 | 9.76 | 32.67 | | | 5.34 | 0.75 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.65 | 32.70 | | | 4.62 | 0.45 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.56 | 32.70 | | | 3.37 | 0.42 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.26 | 32.79 | | | 3.85 | | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 101 | 8.58 | 33.33 | | | 3.37 | | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 151 | 8.21 | 33.81 | | | | 0.22 | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.00 | 34.16 | | | | | | |
| W0004B | 4/12/00 | 18:56 | 9 | NH-45 | 44.65 | -125.12 | 580 | 4.67 | 34.22 | | | 3.52 | 0.25 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 1 | 11.29 | 31.84 | 7.64 | 66.60 | 9.26 | 1.19 | 57.34 | 6.16 |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 10 | 10.98 | 32.04 | | | 10.43 | 1.30 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 19 | 10.27 | 32.51 | | | 8.03 | 1.16 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 25 | 10.03 | 32.66 | | | 11.82 | 1.01 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 29 | 10.05 | 32.69 | | | 6.99 | 0.80 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 40 | 10.03 | 32.73 | | | | 1.10 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 50 | 9.70 | 32.71 | | | 4.23 | 0.57 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 70 | 9.52 | 32.77 | | | 4.07 | 0.25 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 100 | 9.03 | 33.22 | | | 4.88 | 0.32 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.34 | 33.76 | | | | 0.28 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 300 | 6.46 | 34.00 | | | | 0.26 | | |
| W0004B | 4/13/00 | 1:11 | 11 | NH-65 | 44.65 | -125.6 | 830 | 4.09 | 34.33 | | | | | | |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 1 | 11.02 | 32.67 | 9.86 | 69.60 | 9.40 | 1.02 | 60.20 | 7.08 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 10 | 10.74 | 32.66 | 10.09 | 69.50 | 9.88 | 0.92 | 59.62 | 7.09 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 13 | 10.48 | 32.68 | 10.44 | 66.30 | 9.94 | 0.89 | 56.36 | 7.00 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 20 | 10.18 | 32.69 | 10.67 | 61.20 | 5.11 | 0.43 | 56.09 | 6.28 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 30 | 9.90 | 32.69 | 11.27 | 59.80 | 4.86 | 0.29 | 54.94 | 6.72 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.33 | 32.68 | 12.06 | 64.80 | 4.27 | 0.23 | 60.53 | 7.34 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.15 | 32.67 | 11.95 | 59.60 | 3.70 | | 55.90 | 7.04 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 90 | 8.76 | 32.76 | 12.51 | 56.58 | | | | 7.33 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.62 | 32.93 | 18.72 | 57.80 | 4.37 | 0.37 | 53.43 | 6.74 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 150 | 8.07 | 33.79 | 34.26 | 49.60 | | | | 6.25 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 849 | 3.81 | 34.33 | 46.92 | 39.40 | | | | 2.52 |
| W0004B | 4/13/00 | 4:02 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.45 | 34.40 | 47.25 | 39.10 | | | | 2.85 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 2 | 11.50 | 30.35 | 9.10 | 67.20 | 9.25 | 1.37 | 57.95 | 7.55 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 5 | 11.45 | 30.47 | 8.92 | 85.69 | 11.58 | 1.53 | 74.12 | 7.17 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 10 | 10.95 | 31.19 | 10.93 | 84.12 | 13.27 | 1.70 | 70.85 | 8.66 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 15 | 10.58 | 31.91 | 19.42 | 75.85 | 13.71 | 1.91 | 62.14 | 9.40 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 20 | 9.28 | 33.04 | 26.10 | 63.84 | 4.68 | 0.43 | 59.16 | 9.64 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 25 | 9.05 | 33.26 | 30.46 | 57.07 | 4.98 | 0.53 | 52.10 | 9.63 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 30 | 8.87 | 33.42 | 32.58 | 54.13 | 3.85 | | 50.29 | 9.14 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 40 | 8.47 | 33.63 | 35.46 | 57.18 | 4.75 | | 52.43 | 8.94 |
| W0004B | 4/16/00 | 18:45 | 39 | HH-01 | 44.00 | -124.2 | 49 | 8.31 | 33.71 | 36.76 | 56.40 | 4.96 | | 51.44 | 8.53 |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 2 | 11.54 | 30.26 | 7.61 | 73.70 | 7.61 | 1.10 | 66.09 | 6.52 |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 5 | 11.52 | 30.26 | | | 7.94 | 0.90 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 10 | 11.43 | 30.31 | | | 7.93 | 0.90 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 15 | 10.77 | 32.13 | | | 10.66 | 1.68 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 20 | 10.02 | 32.93 | | | 7.43 | 0.68 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 30 | 8.76 | 33.47 | | | 3.75 | 0.65 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 40 | 8.43 | 33.67 | | | 3.98 | 0.50 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 50 | 8.31 | 33.71 | | | 3.98 | 0.36 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 60 | 7.93 | 33.80 | | | | 0.45 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 70 | 7.80 | 33.91 | | | | 0.23 | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 100 | 7.24 | 33.98 | | | 4.97 | | | |
| W0004B | 4/16/00 | 20:12 | 40 | HH-02 | 44.00 | -124.4 | 115 | 7.20 | 33.98 | | | 4.47 | 0.49 | | |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 1 | 11.37 | 30.46 | 9.26 | 69.10 | 13.02 | 1.76 | 56.08 | 7.20 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 10 | 10.97 | 31.61 | 11.07 | 83.02 | 14.25 | 2.35 | 68.77 | 7.49 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 15 | 10.62 | 32.62 | 14.63 | 71.90 | 12.96 | 2.06 | 58.94 | 7.59 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 20 | 10.13 | 32.80 | 20.14 | 70.67 | 10.54 | 1.54 | 60.13 | 9.03 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 30 | 9.25 | 33.14 | 27.91 | 58.37 | 7.43 | 0.95 | 50.94 | 8.90 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 40 | 8.86 | 33.40 | 32.75 | 55.88 | 7.09 | 0.78 | 48.79 | 8.92 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 50 | 8.45 | 33.66 | 35.54 | 52.90 | 5.35 | 0.73 | 47.55 | 7.88 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 60 | 8.20 | 33.74 | 38.07 | 54.99 | 6.84 | 0.39 | 48.15 | 9.25 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 71 | 7.97 | 33.82 | 39.08 | 50.50 | 7.83 | 0.50 | 42.67 | 8.90 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 100 | 7.31 | 33.91 | 39.49 | 58.81 | 7.99 | 0.45 | 50.83 | 7.87 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 145 | 6.71 | 34.01 | 43.36 | 58.51 | | 0.53 | | 8.18 |
| W0004B | 4/16/00 | 22:21 | 41 | HH-03 | 44.00 | -124.6 | 150 | 6.71 | 34.01 | 41.85 | 51.54 | | 0.78 | | 6.50 |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 2 | 11.58 | 30.10 | 8.49 | 81.02 | 8.65 | 1.25 | 72.37 | 6.88 |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 5 | 10.76 | 31.22 | | | 10.53 | 1.49 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 10 | 10.06 | 32.48 | | | 13.00 | 2.03 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 16 | 9.88 | 32.62 | | | 13.78 | 2.04 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 20 | 9.69 | 32.66 | | | 12.09 | 1.62 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 30 | 9.46 | 32.67 | | | 8.59 | 0.98 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 40 | 9.32 | 32.70 | | | 4.10 | 0.61 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 50 | 9.22 | 32.81 | | | 3.68 | 0.64 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 60 | 9.11 | 33.13 | | | 4.48 | 0.64 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 70 | 8.90 | 33.36 | | | | | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 95 | 7.85 | 33.76 | | | | 0.58 | | |
| W0004B | 4/17/00 | 0:54 | 42 | HH-04 | 44.00 | -124.8 | 100 | 7.65 | 33.81 | | | 6.64 | 0.59 | | |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 1 | 11.10 | 32.11 | 7.81 | | 7.77 | 1.19 | | 6.62 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 10 | 10.84 | 32.30 | 9.72 | | 10.28 | 1.52 | | 7.45 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 15 | 10.75 | 32.32 | 11.63 | | 9.07 | 1.32 | | 7.41 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 20 | 9.92 | 32.52 | 12.92 | | 6.99 | 0.97 | | 7.71 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 30 | 9.86 | 32.58 | 13.24 | | 4.96 | 0.45 | | 7.85 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 40 | 9.79 | 32.70 | 13.30 | | 4.30 | 0.32 | | 7.61 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 50 | 9.65 | 32.74 | 14.16 | | | 0.22 | | 7.97 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 70 | 9.35 | 33.00 | 18.87 | | | | | 7.97 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 100 | 8.87 | 33.47 | 30.71 | | 3.93 | 0.29 | | 7.95 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 150 | 7.39 | 33.92 | 38.38 | | | | | 5.98 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 195 | 7.16 | 33.97 | 39.45 | | | | | 5.84 |
| W0004B | 4/17/00 | 4:00 | 43 | HH-05 | 44.00 | -125. | 500 | 5.45 | 34.11 | 44.03 | | | | | 4.25 |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 1 | 11.20 | 32.28 | 8.26 | 78.60 | 6.89 | 0.98 | 71.71 | 6.81 |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 10 | 11.19 | 32.28 | | | 7.35 | 0.97 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 20 | 10.58 | 32.33 | | | 7.10 | 0.98 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 28 | 10.38 | 32.62 | | | 4.89 | 0.55 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 30 | 10.34 | 32.71 | | | 4.26 | 0.50 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 40 | 10.20 | 32.77 | | | 4.43 | 0.58 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 50 | 9.97 | 32.73 | | | 3.63 | 0.42 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 70 | 9.92 | 32.92 | | | 3.74 | 0.22 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 100 | 9.13 | 33.48 | | | 3.46 | 0.26 | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 150 | 8.28 | 33.85 | | | | | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 900 | 3.92 | 34.37 | | | | | | |
| W0004B | 4/17/00 | 5:53 | 44 | HH-07 | 44.00 | -125.2 | 1005 | 3.69 | 34.41 | | | | | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 1 | 11.41 | 32.57 | 8.20 | 68.90 | 5.38 | 0.76 | 63.52 | 7.44 |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 10 | 11.41 | 32.57 | | | 5.13 | 0.75 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 20 | 11.41 | 32.71 | | | 4.82 | 0.61 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 30 | 11.14 | 32.83 | | | 4.06 | 0.45 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 35 | 11.08 | 32.84 | | | 3.67 | 0.39 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 40 | 10.99 | 32.85 | | | | 0.36 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 50 | 10.68 | 32.84 | | | | 0.31 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 70 | 9.66 | 32.81 | | | 3.54 | 0.34 | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 100 | 9.34 | 33.27 | | | | | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 150 | 8.21 | 33.81 | | | | | | |
| W0004B | 4/17/00 | 7:54 | 45 | HH-09 | 44.00 | -125.4 | 1005 | 3.70 | 34.41 | | | | | | |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 1 | 10.30 | 32.79 | 18.91 | | 12.69 | 2.34 | | 8.84 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 4 | 10.30 | 32.79 | 19.09 | 75.94 | 13.93 | 2.37 | 62.01 | 9.12 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 7 | 10.21 | 32.83 | 20.66 | 69.35 | 13.03 | 2.28 | 56.32 | 9.49 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 10 | 9.68 | 33.06 | 20.24 | | 10.79 | 1.54 | | 8.56 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 15 | 9.13 | 33.31 | 24.08 | 66.08 | 9.92 | 1.30 | 56.16 | 6.01 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 20 | 8.70 | 33.57 | 30.48 | 61.07 | 8.31 | 0.96 | 52.76 | 9.64 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 25 | 8.50 | 33.64 | 34.62 | 51.82 | 5.89 | 0.73 | 45.93 | 8.89 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 30 | 8.40 | 33.69 | 33.84 | | 6.52 | 0.86 | | 6.00 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 40 | 8.30 | 33.71 | 36.34 | 52.62 | 6.31 | 0.81 | 46.31 | 7.55 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 45 | 8.14 | 33.76 | 35.62 | 62.80 | 5.51 | 0.67 | 57.29 | 5.80 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 49 | 8.13 | 33.76 | 37.72 | | 6.02 | 0.76 | | 7.39 |
| W0004B | 4/13/00 | 16:50 | 15 | FM-03 | 43.22 | -124.5 | 55 | 8.12 | 33.77 | 37.53 | | 5.95 | 0.72 | | 7.20 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 2 | 10.22 | 32.90 | 20.67 | | 11.26 | 2.13 | | 8.07 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 5 | 10.22 | 32.90 | 21.85 | 66.30 | 11.16 | 2.08 | 55.15 | 9.19 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 11 | 9.49 | 33.18 | 25.24 | 61.66 | 8.29 | 1.64 | 53.38 | 7.93 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 16 | 9.09 | 33.38 | 29.53 | | 6.92 | 1.26 | | 8.02 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 20 | 8.99 | 33.43 | 33.17 | 58.04 | 6.38 | 1.01 | 51.66 | 8.13 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 30 | 8.32 | 33.73 | 37.20 | 50.99 | 4.24 | 0.68 | 46.75 | 8.74 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 40 | 8.10 | 33.85 | 37.09 | 56.72 | 4.17 | 0.60 | 52.55 | 7.14 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 51 | 8.01 | 33.90 | 38.06 | | | 0.46 | | 7.69 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 60 | 7.79 | 33.92 | 38.10 | | 3.45 | 0.44 | | 6.55 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 70 | 7.55 | 33.93 | 39.00 | 54.22 | 3.91 | 0.47 | 50.31 | 7.04 |
| W0004B | 4/13/00 | 14:03 | 13 | FM-04 | 43.22 | -124.58 | 80 | 7.54 | 33.93 | 39.88 | | 4.55 | 0.51 | | 7.80 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 2 | 10.73 | 31.83 | 8.45 | 70.40 | 8.99 | 2.11 | 61.41 | 5.72 |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 10 | 10.71 | 31.82 | | | 9.95 | 2.25 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 21 | 10.20 | 32.34 | | | 9.19 | 1.96 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 24 | 9.99 | 32.53 | | | 5.97 | 0.73 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 30 | 9.36 | 32.98 | | | 8.68 | 1.07 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 41 | 8.99 | 33.39 | | | 6.20 | 0.60 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 49 | 8.50 | 33.60 | | | 3.73 | 0.32 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 60 | 8.29 | 33.76 | | | 3.45 | 0.26 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 70 | 8.18 | 33.83 | | | 3.89 | | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 100 | 7.45 | 33.94 | | | 4.74 | | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 124 | 7.33 | 33.95 | | | 5.69 | 0.49 | | |
| W0004B | 4/13/00 | 18:44 | 16 | FM-05 | 43.22 | -124.67 | 153 | 7.15 | 33.98 | | | | | | |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 2 | 10.70 | 32.36 | 9.11 | 62.78 | 11.82 | 2.09 | 50.96 | 6.11 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 10 | 10.70 | 32.35 | 9.19 | 66.89 | 13.16 | 2.31 | 53.73 | 5.89 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 15 | 10.64 | 32.37 | 8.71 | 69.33 | 11.94 | 2.17 | 57.39 | 5.48 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 20 | 10.42 | 32.46 | 9.68 | 67.78 | 10.62 | 1.92 | 57.15 | 6.00 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 30 | 10.04 | 32.55 | 11.93 | 55.32 | 7.27 | 1.36 | 48.05 | 6.46 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 40 | 9.64 | 32.67 | 14.35 | 51.49 | 6.03 | 1.13 | 45.46 | 6.54 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 50 | 9.54 | 32.83 | 14.48 | 49.15 | 4.79 | 0.70 | 44.36 | 6.53 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 70 | 9.12 | 33.35 | 25.78 | 48.70 | 4.31 | 0.71 | 44.40 | 7.13 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 100 | 8.56 | 33.74 | 35.33 | 36.83 | 3.64 | 0.52 | 33.19 | 7.58 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 150 | 7.59 | 33.95 | 37.99 | 40.08 | | | | 6.78 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 300 | 6.38 | 34.05 | 42.32 | 35.59 | | | | 6.35 |
| W0004B | 4/13/00 | 22:35 | 18 | FM-07 | 43.22 | -124.83 | 335 | 6.19 | 34.06 | 42.59 | 39.77 | | | | 5.76 |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 1 | 11.31 | 32.42 | 7.27 | 60.50 | 9.53 | | 50.97 | 6.60 |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 10 | 11.30 | 32.42 | | | 6.42 | 1.13 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 21 | 10.14 | 32.54 | | | 8.30 | 1.03 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 25 | 9.95 | 32.60 | | | 7.26 | 0.53 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 30 | 9.99 | 32.71 | | | 5.11 | 0.53 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 41 | 9.87 | 32.71 | | | 4.67 | 0.51 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 51 | 9.75 | 32.72 | | | 3.53 | 0.60 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 70 | 9.71 | 32.94 | | | | 0.59 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 101 | 8.74 | 33.57 | | | 3.41 | 0.64 | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 150 | 8.13 | 33.87 | | | | | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 800 | 4.14 | 34.33 | | | | | | |
| W0004B | 4/14/00 | 1:58 | 19 | FM-08 | 43.22 | -125. | 1005 | 3.61 | 34.42 | | | | | | |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 1 | 11.51 | 32.67 | 9.64 | 63.61 | 6.49 | 0.72 | 57.12 | 7.80 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 10 | 11.50 | 32.68 | 9.49 | 68.55 | 6.82 | 0.74 | 61.74 | 8.19 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 20 | 11.29 | 32.71 | 9.93 | 66.69 | 6.88 | 0.69 | 59.81 | 8.26 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 25 | 11.06 | 32.72 | 10.31 | 66.15 | 7.33 | | 58.82 | |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 30 | 11.00 | 32.72 | 10.51 | 68.59 | 6.89 | | 61.70 | |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 40 | 10.95 | 32.73 | 11.69 | 65.50 | 5.19 | | 60.31 | |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 50 | 10.82 | 32.76 | 12.40 | 60.51 | 4.37 | | 56.15 | 9.37 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 70 | 10.40 | 32.84 | 15.16 | 57.77 | | | | 9.75 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 100 | 9.53 | 33.32 | 28.59 | 53.39 | 3.65 | | 49.73 | 12.28 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 150 | 8.36 | 33.78 | 39.38 | 46.72 | | | | 11.55 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 900 | 3.90 | 34.37 | 53.20 | 34.87 | | | | 8.93 |
| W0004B | 4/14/00 | 4:00 | 20 | FM-09 | 43.22 | -125.17 | 1005 | 3.69 | 34.41 | 53.57 | 34.84 | | | | 9.27 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 1 | 10.94 | 31.60 | 20.36 | 106.20 | 42.06 | 6.58 | 64.14 | 9.40 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 6 | 10.14 | 32.83 | 26.19 | 84.86 | 21.58 | 4.59 | 63.28 | 10.01 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 9 | 9.79 | 33.18 | 27.90 | 78.26 | 20.56 | 3.89 | 57.70 | 9.11 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 15 | 9.79 | 33.29 | 28.41 | 66.57 | 11.35 | 1.99 | 55.21 | 9.89 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 19 | 9.69 | 33.36 | 28.91 | 68.17 | 12.74 | 1.88 | 55.43 | 10.29 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 20 | 9.69 | 33.36 | 28.86 | 68.36 | 12.33 | 2.15 | 56.03 | 10.00 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 25 | 9.24 | 33.49 | 31.31 | 70.70 | 12.62 | 2.20 | 58.08 | 9.99 |
| W0004B | 4/16/00 | 2:12 | 35 | RR-01 | 42.50 | -124.5 | 30 | 8.96 | 33.61 | 32.68 | 62.38 | 13.07 | 1.99 | 49.31 | 9.68 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 1 | 10.66 | 32.60 | 15.83 | 74.20 | 17.65 | 2.63 | 56.55 | 9.95 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 5 | 10.66 | 32.61 | 29.08 | 89.55 | 22.96 | 3.65 | 66.59 | 14.01 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 11 | 9.98 | 33.02 | 32.60 | 76.93 | 14.70 | 2.69 | 62.23 | 12.68 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 11 | 9.98 | 33.02 | 33.72 | 73.39 | 11.40 | 1.91 | 61.99 | 14.28 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 22 | 9.63 | 33.46 | 36.03 | 58.76 | 8.49 | 1.31 | 50.27 | 14.39 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 31 | 9.16 | 33.60 | 37.60 | 58.50 | 5.78 | 0.82 | 52.73 | 16.20 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 34 | 9.13 | 33.61 | 37.85 | 63.66 | 6.42 | 0.88 | 57.24 | 14.17 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 39 | 9.08 | 33.63 | 37.85 | 58.44 | 8.69 | 0.81 | 49.75 | 14.41 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 52 | 8.98 | 33.66 | 39.28 | 55.07 | 8.18 | 0.52 | 46.89 | 15.08 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 61 | 8.60 | 33.75 | 41.66 | 53.42 | 6.37 | 0.67 | 47.05 | 14.62 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 70 | 8.39 | 33.80 | 42.19 | 55.59 | 6.81 | 0.77 | 48.78 | 13.91 |
| W0004B | 4/16/00 | 3:23 | 36 | RR-02 | 42.50 | -124.6 | 81 | 8.24 | 33.81 | 44.13 | 50.74 | 11.34 | 1.47 | 39.40 | 14.66 |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 1 | 11.14 | 32.45 | 8.33 | 60.90 | 9.05 | 1.41 | 51.85 | 6.29 |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 5 | 11.08 | 32.44 | | | 6.90 | 1.25 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 11 | 10.52 | 32.50 | | | 7.58 | 1.47 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 15 | 9.99 | 32.64 | | | 7.16 | 1.30 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 20 | 9.68 | 32.79 | | | 5.02 | 0.69 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 30 | 9.52 | 33.05 | | | 4.34 | 0.54 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 40 | 9.14 | 33.36 | | | 7.45 | 1.24 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 50 | 9.14 | 33.41 | | | 9.37 | 1.53 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 61 | 9.23 | 33.56 | | | 5.35 | 0.60 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 70 | 9.08 | 33.66 | | | 7.91 | 1.03 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 116 | 8.04 | 33.87 | | | 5.53 | 0.77 | | |
| W0004B | 4/16/00 | 6:11 | 37 | RR-03 | 42.50 | -124.7 | 122 | 8.04 | 33.87 | | | 4.99 | 0.58 | | |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 1 | 11.59 | 32.55 | 8.14 | | 8.07 | 1.61 | | 5.76 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 10 | 11.22 | 32.55 | 7.89 | 80.11 | 8.14 | 1.40 | 71.97 | 5.93 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 20 | 10.76 | 32.58 | 10.48 | 82.18 | 7.36 | 1.26 | 74.82 | 6.37 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 25 | 10.20 | 32.71 | 13.35 | 86.99 | 7.26 | 0.79 | 79.73 | 7.04 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 30 | 10.03 | 32.75 | 13.44 | 57.74 | 4.30 | 0.40 | 53.44 | 7.09 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 40 | 9.74 | 32.73 | 13.73 | 60.51 | 4.38 | 0.49 | 56.13 | 6.55 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 50 | 9.75 | 32.92 | 19.01 | 58.49 | 3.94 | 0.35 | 54.55 | 8.16 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 70 | 9.17 | 33.39 | 28.11 | 57.22 | | 0.28 | | 8.40 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 100 | 8.22 | 33.79 | 31.21 | | 4.05 | 0.35 | | 8.24 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 150 | 7.75 | 33.92 | 36.90 | | | | | 9.02 |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 500 | 5.58 | 34.14 | 38.32 | | | | | |
| W0004B | 4/15/00 | 22:58 | 34 | RR-04 | 42.50 | -124.8 | 1005 | | | 44.61 | | | | | |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 2 | 11.32 | 32.57 | 7.68 | 66.50 | 4.91 | 0.90 | 61.59 | 6.34 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 10 | 11.24 | 32.62 | 8.05 | | 5.12 | 0.88 | | 6.69 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 17 | 11.24 | 32.63 | 8.38 | | 4.79 | 0.60 | | 7.02 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 20 | 11.25 | 32.63 | 8.60 | | 10.30 | 1.86 | | 5.86 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 30 | 10.76 | 32.76 | 10.64 | | 4.20 | 0.64 | | 7.46 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 40 | 10.66 | 32.82 | 13.53 | | 3.70 | 0.70 | | 8.27 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 50 | 10.58 | 32.85 | 15.42 | | | 0.41 | | 9.11 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 70 | 10.12 | 32.97 | 21.44 | | | 0.47 | | 10.09 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 100 | 8.99 | 33.54 | 37.70 | 55.56 | | 0.73 | | 13.13 |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 150 | 8.05 | 33.89 | 43.89 | 54.36 | | | | 14.53 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 960 | 3.83 | 34.40 | | 48.73 | | | | |
| W0004B | 4/15/00 | 20:59 | 33 | RR-06 | 42.50 | -125. | 1007 | 3.74 | 34.41 | | 46.70 | | | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 1 | 11.41 | 32.46 | 7.83 | 63.00 | 6.75 | 1.00 | 56.25 | 6.55 |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 10 | 11.38 | 32.50 | | | 7.51 | 1.34 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 20 | 11.05 | 32.55 | | | 8.01 | 1.46 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 30 | 10.83 | 32.60 | | | 5.57 | 1.19 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 32 | 10.69 | 32.68 | | | 4.57 | 1.00 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 40 | 10.74 | 32.82 | | | 3.73 | 0.84 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 50 | 10.75 | 32.86 | | | 3.98 | 0.50 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 70 | 10.43 | 32.95 | | | 3.86 | 0.46 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 100 | 9.25 | 33.45 | | | 4.70 | 0.65 | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 150 | 8.29 | 33.85 | | | | | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 440 | 6.01 | 34.10 | | | | | | |
| W0004B | 4/15/00 | 18:47 | 32 | RR-07 | 42.50 | -125.2 | 1005 | 3.63 | 34.42 | | | | | | |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 1 | 10.40 | 33.17 | 24.22 | 91.90 | 28.26 | 5.32 | 63.64 | 11.92 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 3 | 10.38 | 33.17 | 26.49 | 88.88 | 26.00 | 4.92 | 62.88 | 13.72 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 5 | 10.38 | 33.17 | 21.27 | 84.03 | 22.61 | 4.15 | 61.42 | 8.29 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 10 | 10.32 | 33.18 | 22.98 | 87.15 | 20.79 | 3.91 | 66.35 | 8.49 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 15 | 10.07 | 33.25 | 24.59 | 68.27 | 19.49 | 3.67 | 48.78 | 8.24 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 20 | 9.74 | 33.35 | 26.60 | 67.38 | 18.56 | 3.36 | 48.82 | 9.65 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 25 | 9.47 | 33.40 | 28.51 | | 11.94 | 1.96 | | 10.93 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 30 | 9.07 | 33.54 | 30.84 | | 6.43 | 1.05 | | 8.43 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 33 | 8.84 | 33.65 | 33.73 | | 10.38 | 1.52 | | 8.54 |
| W0004B | 4/14/00 | 15:54 | 22 | CR-01 | 41.90 | -124.3 | 36 | 8.74 | 33.68 | 34.10 | | 15.20 | 1.50 | | 7.97 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 2 | 11.02 | 32.42 | 8.93 | 74.60 | 8.06 | 1.42 | 66.54 | 7.51 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 5 | 11.02 | 32.42 | 8.58 | 69.50 | 7.06 | 1.38 | 62.44 | 7.20 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 10 | 11.03 | 32.42 | 14.19 | 80.70 | 7.80 | 1.58 | 72.90 | 12.62 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 20 | 10.45 | 32.72 | 15.82 | 67.10 | 8.09 | 1.46 | 59.01 | 8.66 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 25 | 10.39 | 32.74 | 17.95 | 63.20 | 7.69 | 1.32 | 55.51 | 8.72 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 30 | 9.67 | 32.99 | 22.36 | 63.10 | 5.95 | 1.01 | 57.15 | 10.69 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 41 | 9.15 | 33.32 | 29.60 | 56.30 | 4.55 | 0.55 | 51.75 | 10.40 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 50 | 9.04 | 33.45 | 30.34 | 58.18 | 4.69 | 0.45 | 53.49 | 8.86 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 61 | 8.60 | 33.63 | 33.42 | | 0.26 | | 8.29 | |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 70 | 8.53 | 33.66 | 33.38 | 58.84 | 3.37 | 0.31 | 55.48 | 7.76 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 100 | 7.90 | 33.92 | 37.98 | 51.91 | 3.37 | 0.23 | 48.54 | 9.51 |
| W0004B | 4/14/00 | 13:23 | 21 | CR-03 | 41.90 | -124.5 | 130 | 7.74 | 33.93 | 39.25 | 55.36 | 5.38 | 0.65 | 49.98 | 7.78 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 2 | 11.06 | 32.43 | 6.94 | | 10.83 | 1.69 | | 4.85 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 10 | 11.00 | 32.44 | 7.70 | 72.49 | 10.99 | 1.78 | 61.50 | 5.51 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 20 | 10.97 | 32.44 | 7.05 | 69.95 | 11.27 | 1.94 | 58.68 | 2.95 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 25 | 10.91 | 32.45 | 8.83 | 70.45 | 10.75 | 1.75 | 59.70 | 4.04 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 30 | 10.49 | 32.59 | 14.28 | 68.72 | 7.91 | 1.32 | 60.81 | 6.86 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 40 | 9.77 | 32.82 | 20.26 | 66.40 | 6.55 | 0.98 | 59.85 | 6.96 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 50 | 9.30 | 33.16 | 25.78 | 59.14 | 5.04 | 0.89 | 54.10 | 6.96 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 70 | 8.83 | 33.57 | 32.25 | 56.20 | 5.12 | 0.73 | 51.08 | 6.84 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.27 | 33.80 | 34.55 | 55.93 | 3.61 | 0.56 | 52.33 | 5.68 |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 150 | 7.65 | 33.94 | 37.02 | 52.20 | | | | |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 450 | 5.40 | 34.15 | 44.48 | 42.80 | | | | |
| W0004B | 4/14/00 | 19:03 | 24 | CR-04 | 41.90 | -124.6 | 495 | 5.26 | 34.17 | 45.24 | 41.70 | | | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 2 | 11.31 | 32.57 | 8.21 | 72.20 | 11.32 | 1.66 | 60.88 | 6.55 |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 10 | 11.25 | 32.57 | | | 11.72 | 1.84 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 20 | 11.17 | 32.57 | | | 11.46 | 1.81 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 25 | 10.96 | 32.54 | | | 9.12 | 1.57 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 30 | 10.70 | 32.51 | | | 5.82 | 0.83 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 40 | 10.00 | 32.65 | | | 4.47 | 0.76 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 50 | 9.61 | 32.90 | | | 4.68 | 0.69 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 70 | 8.98 | 33.40 | | | 3.83 | 0.44 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 100 | 8.48 | 33.74 | | | 3.96 | 0.63 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 150 | 7.71 | 33.95 | | | | 0.21 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 500 | 5.10 | 34.19 | | | | 0.27 | | |
| W0004B | 4/14/00 | 22:53 | 25 | CR-05 | 41.90 | -124.7 | 650 | 4.56 | 34.27 | | | 4.29 | 0.58 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 1 | 11.63 | 32.59 | 8.19 | 63.80 | 7.69 | 0.97 | 56.11 | 7.10 |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 10 | 11.52 | 32.60 | | | 8.66 | 1.28 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 15 | 11.42 | 32.61 | | | 8.17 | 1.19 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 20 | 11.38 | 32.61 | | | 6.56 | 0.94 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 30 | 10.98 | 32.69 | | | 5.68 | 0.76 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 40 | 10.96 | 32.73 | | | | 0.52 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 50 | 10.87 | 32.74 | | | 4.45 | 0.33 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 70 | 10.71 | 32.81 | | | 3.81 | 0.27 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 100 | 9.40 | 33.02 | | | 3.62 | 0.30 | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 150 | 8.31 | 33.82 | | | | | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 360 | 5.85 | 34.08 | | | | | | |
| W0004B | 4/15/00 | 3:25 | 27 | CR-07 | 41.90 | -125. | 500 | 5.36 | 34.14 | | | | | | |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 1 | 11.42 | 32.60 | 9.29 | | 13.01 | 1.95 | | 7.34 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 10 | 11.42 | 32.60 | 9.22 | 76.85 | 11.53 | 1.77 | 65.32 | 7.37 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 20 | 11.34 | 32.60 | 9.23 | 75.64 | 8.02 | 1.22 | 67.62 | 7.57 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 25 | 11.49 | 32.60 | 9.65 | 69.96 | 7.10 | 1.08 | 62.86 | 7.99 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 30 | 11.42 | 32.64 | 9.69 | 58.51 | 5.89 | 0.76 | 52.61 | 7.69 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 40 | 10.89 | 32.66 | 10.76 | 63.06 | 5.54 | 0.87 | 57.52 | 7.84 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 50 | 10.65 | 32.63 | 10.94 | 62.56 | 5.06 | 0.67 | 57.49 | 7.66 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 70 | 10.71 | 32.70 | 11.52 | 55.62 | 4.38 | 0.54 | 51.24 | 7.29 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 100 | 9.99 | 33.17 | 20.79 | 58.74 | 3.36 | 0.37 | 55.38 | 7.97 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 150 | 8.78 | 33.76 | 32.87 | 53.24 | | | | 8.79 |
| W0004B | 4/15/00 | 8:42 | 29 | CR-09 | 41.90 | -125.33 | 1005 | 3.66 | 34.42 | 49.30 | 43.55 | | | | 4.85 |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 1 | 11.52 | 32.68 | 8.23 | 66.50 | 8.93 | 1.31 | 57.57 | 6.66 |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 10 | 11.53 | 32.68 | | | 8.55 | 1.40 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 20 | 11.31 | 32.76 | | | 7.78 | 1.39 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 25 | 10.92 | 32.81 | | | 7.38 | 1.34 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 30 | 10.75 | 32.82 | | | 0.00 | 0.00 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 41 | 10.52 | 32.81 | | | 4.86 | 0.78 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 50 | 10.42 | 32.81 | | | 5.20 | 0.65 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 70 | 9.79 | 32.91 | | | 5.39 | 0.65 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 101 | 8.51 | 33.34 | | | | 0.52 | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 151 | 8.05 | 33.79 | | | | | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 766 | 4.25 | 34.31 | | | | | | |
| W0004B | 4/15/00 | 13:24 | 31 | CR-11 | 41.90 | -126. | 1005 | 3.61 | 34.43 | | | | | | |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 1 | 10.92 | 32.61 | 27.88 | 100.74 | 36.68 | 6.72 | 64.06 | 9.66 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 5 | 10.87 | 32.62 | 31.61 | 74.57 | 22.59 | 4.12 | 51.98 | 6.71 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 7 | 10.09 | 32.83 | 35.86 | 57.35 | 12.52 | 2.01 | 44.83 | 5.62 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.23 | 33.12 | 37.13 | 54.32 | 9.36 | 0.83 | 44.96 | 5.70 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 15 | 8.42 | 33.40 | 40.72 | 52.45 | 8.00 | 0.48 | 44.46 | 6.36 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 20 | 8.09 | 33.55 | 39.94 | 48.32 | 5.53 | | 42.79 | 5.28 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 26 | 7.79 | 33.78 | 39.82 | 48.24 | 7.89 | | 40.36 | 5.24 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 29 | 7.68 | 33.83 | 40.82 | 47.43 | 7.85 | | 39.58 | 4.98 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.37 | 33.93 | 40.66 | 43.94 | 10.22 | | 33.73 | 4.55 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 46 | 7.33 | 33.93 | 40.70 | 42.24 | 9.11 | 0.74 | 33.13 | 3.58 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.30 | 33.93 | 40.82 | 44.43 | 11.48 | 0.79 | 32.95 | 3.65 |
| W0007A | 7/7/00 | 19:57 | 3 | NH-05 | 44.65 | -124.18 | 55 | 7.23 | 33.94 | 40.90 | 45.43 | 13.04 | 1.39 | 32.39 | 3.23 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 1 | 13.95 | 31.20 | 10.48 | 117.68 | 32.17 | 4.94 | 85.51 | 5.54 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 5 | 13.95 | 31.21 | 11.87 | 103.42 | 32.44 | 5.13 | 70.98 | 6.44 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 10 | 11.38 | 31.97 | 14.96 | 71.98 | 18.96 | 3.43 | 53.01 | 6.27 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 20 | 8.84 | 32.58 | 15.49 | 60.62 | 8.87 | 1.61 | 51.75 | 6.37 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 27 | 8.42 | 32.65 | 16.66 | 58.43 | 8.37 | 1.28 | 50.06 | 5.87 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 30 | 8.37 | 32.66 | 20.72 | 58.71 | 7.01 | 0.97 | 51.71 | 7.63 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 40 | 8.05 | 32.92 | 26.82 | 51.63 | | 0.72 | | 5.59 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 50 | 8.01 | 33.29 | 32.26 | 53.60 | 5.53 | 0.83 | 48.07 | 4.80 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 60 | 7.88 | 33.66 | 35.50 | 47.91 | 6.48 | 0.89 | 41.43 | 3.64 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 70 | 7.66 | 33.82 | 38.63 | 44.30 | 5.92 | 0.92 | 38.38 | 3.50 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 76 | 7.55 | 33.85 | 38.79 | 42.24 | 9.21 | 1.18 | 33.03 | 2.76 |
| W0007A | 7/8/00 | 1:44 | 6 | NH-15 | 44.65 | -124.41 | 85 | 7.41 | 33.89 | 41.45 | 42.19 | 8.55 | 1.20 | 33.65 | 4.42 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 1 | 14.85 | 31.17 | 11.68 | 96.78 | 18.01 | 2.97 | 78.77 | 8.71 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 10 | 14.26 | 31.33 | 11.33 | 94.26 | 19.20 | 2.91 | 75.06 | 8.43 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 20 | 10.08 | 32.39 | 10.25 | 83.96 | 13.52 | 2.06 | 70.45 | 8.19 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 25 | 9.34 | 32.51 | 10.05 | 83.33 | 11.35 | 1.77 | 71.97 | 7.92 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 30 | 8.85 | 32.58 | 14.53 | 69.82 | 5.60 | 0.74 | 64.22 | 8.67 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 40 | 8.56 | 32.67 | 18.37 | 66.19 | 5.65 | 0.40 | 60.54 | 7.96 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 50 | 8.29 | 32.80 | 21.67 | 61.60 | | | | 7.87 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 70 | 8.15 | 33.32 | 30.09 | 55.20 | | | | 7.00 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 100 | 7.69 | 33.81 | 39.24 | 62.46 | | 0.78 | | 4.37 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 150 | 6.85 | 33.99 | 39.56 | 48.14 | | | | 2.94 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 200 | 6.54 | 34.01 | 40.52 | 48.70 | | | | 2.91 |
| W0007A | 7/8/00 | 5:35 | 8 | NH-25 | 44.65 | -124.65 | 230 | 6.42 | 34.01 | 40.83 | 49.03 | | | | 2.67 |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 2 | 15.56 | 30.94 | 7.88 | 71.71 | 11.17 | 1.26 | 60.53 | 5.06 |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 10 | 15.53 | 30.94 | | | 12.35 | 1.55 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 20 | 12.60 | 32.05 | | | 7.60 | 0.69 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 30 | 10.40 | 32.54 | | | 6.35 | 0.74 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 32 | 10.03 | 32.59 | | | | 0.54 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 40 | 9.25 | 32.65 | | | 5.88 | 0.46 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 50 | 8.71 | 32.68 | | | | 0.43 | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 70 | 8.37 | 32.89 | | | | | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 100 | 8.17 | 33.59 | | | | | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 150 | 7.12 | 33.97 | | | | | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 397 | 5.98 | 34.04 | | | | | | |
| W0007A | 7/8/00 | 8:59 | 9 | NH-35 | 44.65 | -124.88 | 426 | 5.91 | 34.05 | | | | | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 1 | 16.04 | 29.79 | 7.22 | 78.71 | 11.37 | 1.62 | 67.34 | 5.59 |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 10 | 15.54 | 30.41 | | | 12.03 | 1.53 | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 20 | 12.92 | 31.90 | | | 11.36 | 1.38 | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 25 | 10.85 | 32.39 | | | 8.00 | 0.92 | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 30 | 10.03 | 32.54 | | | 6.79 | 0.62 | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 40 | 9.25 | 32.64 | | | 7.03 | 0.37 | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 50 | 8.87 | 32.70 | | | 5.21 | | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 70 | 8.63 | 32.84 | | | 4.85 | | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 100 | 8.31 | 33.36 | | | 4.72 | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 150 | 7.69 | 33.89 | | | | | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 500 | 5.19 | 34.12 | | | | | | |
| W0007A | 7/8/00 | 14:19 | 10 | NH-45 | 44.65 | -125.12 | 664 | 4.58 | 34.26 | | | | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 1 | 16.53 | 29.66 | 7.42 | 74.15 | 7.76 | 1.17 | 66.38 | 6.14 |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 10 | 15.96 | 30.76 | | | 6.98 | 1.27 | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 20 | 15.34 | 31.52 | | | 6.46 | 0.84 | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 31 | 14.19 | 32.51 | | | 5.68 | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 40 | 12.45 | 32.64 | | | 5.87 | 0.54 | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 50 | 10.43 | 32.72 | | | 5.70 | 0.51 | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 60 | 10.02 | 32.76 | | | | 0.43 | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 69 | 9.44 | 32.80 | | | 5.63 | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 100 | 8.73 | 33.10 | | | | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 150 | 8.14 | 33.76 | | | | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 860 | 4.03 | 34.35 | | | | | | |
| W0007A | 7/8/00 | 18:24 | 12 | NH-65 | 44.65 | -125.6 | 1004 | 3.67 | 34.41 | | | | | | |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 2 | 16.07 | 31.48 | 8.73 | 70.65 | 6.34 | 0.53 | 64.31 | 8.20 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 10 | 16.02 | 31.52 | | 72.43 | 6.97 | 0.76 | 65.46 | |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 20 | 15.87 | 31.66 | 8.81 | | | | | |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 30 | 15.03 | 32.24 | 8.49 | 70.85 | 6.08 | 0.62 | 64.78 | 7.87 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 40 | 13.90 | 32.58 | 8.38 | 73.34 | 6.90 | 0.83 | 66.44 | 7.56 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 50 | 12.72 | 32.61 | 9.67 | 69.40 | 8.55 | 1.17 | 60.84 | 8.39 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 60 | 10.57 | 32.67 | 12.13 | 62.26 | 6.07 | 0.81 | 56.19 | 8.22 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 70 | 9.62 | 32.71 | 14.58 | 65.29 | | | 65.29 | 8.87 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 100 | 8.89 | 33.00 | 22.33 | | | 0.45 | | 7.31 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 150 | 8.12 | 33.72 | 32.23 | | | | | 5.66 |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 800 | 4.16 | 34.32 | | 49.75 | | | | |
| W0007A | 7/8/00 | 21:15 | 13 | NH-85 | 44.65 | -126.05 | 1006 | 3.66 | 34.41 | | 42.80 | | | | |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 2 | 9.00 | 33.58 | 35.20 | 116.15 | 28.62 | 4.93 | 87.53 | 7.19 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 5 | 8.98 | 33.58 | 37.12 | 123.48 | 27.29 | 5.17 | 96.19 | 8.76 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 8 | 8.90 | 33.59 | 36.44 | 121.63 | 26.47 | 5.04 | 95.17 | 8.33 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 10 | 8.89 | 33.59 | 37.16 | 128.20 | 29.03 | 4.87 | 99.16 | 8.52 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 15 | 8.49 | 33.65 | 38.38 | 83.27 | 20.80 | 3.84 | 62.46 | |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 19 | 8.26 | 33.71 | 37.91 | 77.83 | 17.91 | 3.41 | 59.92 | 4.78 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 25 | 8.19 | 33.76 | 38.38 | 81.42 | 19.39 | 3.41 | 62.03 | 4.74 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 30 | 8.16 | 33.78 | 40.11 | 69.26 | 15.08 | 2.54 | 54.19 | 3.98 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 40 | 7.51 | 33.89 | 42.36 | 55.58 | 11.28 | 1.74 | 44.29 | 4.02 |
| W0007A | 7/12/00 | 23:47 | 41 | HH-01 | 44.00 | -124.2 | 48 | 7.37 | 33.92 | 41.74 | 62.27 | 13.46 | 2.31 | 48.81 | 2.33 |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 1 | 11.73 | 32.91 | 13.96 | 86.72 | 30.29 | 4.98 | 56.42 | 7.78 |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 5 | 11.70 | 32.91 | | | 28.09 | 4.65 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 10 | 11.60 | 32.90 | | | 24.12 | 4.11 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 15 | 10.90 | 32.85 | | | 18.03 | 2.72 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 20 | 8.43 | 32.84 | | | 6.67 | 0.56 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 30 | 8.13 | 33.19 | | | 7.50 | 0.85 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 40 | 8.08 | 33.36 | | | 6.11 | 0.67 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 50 | 8.05 | 33.57 | | | 11.45 | 1.74 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 60 | 7.68 | 33.81 | | | | | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 70 | 7.49 | 33.92 | | | | 0.54 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 100 | 7.06 | 33.99 | | | | 0.45 | | |
| W0007A | 7/13/00 | 1:29 | 42 | HH-02 | 44.00 | -124.4 | 115 | 6.90 | 33.99 | | | 8.13 | 0.75 | | |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 1 | 12.75 | 32.42 | 11.64 | 95.84 | 29.47 | 4.20 | 66.36 | 7.35 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 5 | 12.79 | 32.40 | 12.30 | 93.69 | 34.59 | 5.05 | 59.10 | 7.01 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 10 | 12.51 | 32.51 | 13.01 | 80.05 | 22.74 | 3.47 | 57.31 | 8.08 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 20 | 9.74 | 32.46 | 19.75 | 60.48 | 17.61 | 3.00 | 42.88 | 5.84 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 30 | 8.20 | 33.12 | 29.01 | 48.62 | 10.70 | 1.58 | 37.92 | 5.54 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 40 | 8.19 | 33.41 | 31.44 | 53.20 | | 0.70 | | 5.73 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 50 | 8.00 | 33.56 | 33.90 | 50.11 | | 0.58 | | 6.11 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 60 | 7.92 | 33.66 | 35.02 | 39.61 | 6.09 | 0.86 | 33.52 | 6.00 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 70 | 7.76 | 33.77 | 37.20 | 39.50 | | 0.50 | | 6.25 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 100 | 7.14 | 33.97 | 38.79 | 37.49 | 6.41 | 1.02 | 31.08 | 3.90 |
| W0007A | 7/13/00 | 4:02 | 43 | HH-03 | 44.00 | -124.6 | 145 | 6.68 | 34.00 | 40.52 | 50.85 | 10.01 | 1.34 | 40.83 | 3.09 |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 1 | 13.18 | 31.90 | 11.79 | 90.31 | 23.07 | 3.68 | 67.24 | 7.91 |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 5 | 13.15 | 31.91 | | | 25.18 | 3.87 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 8 | 13.00 | 31.95 | | | 19.58 | 3.76 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 10 | 11.83 | 32.03 | | | 14.82 | 2.55 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 20 | 8.73 | 32.63 | | | 8.90 | 1.09 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 30 | 8.29 | 32.93 | | | | 0.46 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 40 | 8.50 | 33.21 | | | | 0.51 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 50 | 8.42 | 33.44 | | | | | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 60 | 8.41 | 33.53 | | | | | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 70 | 8.19 | 33.72 | | | | 0.52 | | |
| W0007A | 7/13/00 | 6:30 | 44 | HH-04 | 44.00 | -124.8 | 95 | 8.09 | 33.77 | | | | 0.31 | | |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 2 | 14.56 | 31.93 | 9.14 | 90.80 | 12.87 | 1.94 | 77.93 | 6.27 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 10 | 14.29 | 32.46 | 8.45 | 72.00 | 9.78 | 1.22 | 62.23 | 6.85 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 20 | 14.17 | 32.55 | 8.75 | 74.77 | 10.25 | 1.36 | 64.52 | 6.66 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 30 | 11.01 | 32.70 | 13.27 | | 9.57 | 1.51 | | 7.85 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 36 | 9.96 | 32.77 | 18.53 | 66.36 | 8.67 | 1.09 | 57.69 | 7.30 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 40 | 9.74 | 32.80 | 19.14 | 66.72 | 8.73 | 1.14 | 57.99 | 6.43 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 50 | 9.26 | 32.98 | 20.87 | 58.87 | | 0.52 | | 6.09 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 70 | 8.87 | 33.32 | 28.81 | 53.83 | | | | 6.95 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 100 | 8.31 | 33.72 | 33.37 | 53.36 | | 0.30 | | 5.23 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 150 | 7.70 | 33.94 | 36.04 | 54.61 | | | | 4.55 |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 500 | 5.39 | 34.10 | | 46.61 | | | | |
| W0007A | 7/13/00 | 8:13 | 45 | HH-05 | 44.00 | -125. | 885 | 4.19 | 34.34 | | 45.17 | | | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 1 | 14.16 | 32.57 | 9.68 | 67.90 | 11.47 | 1.82 | 56.44 | 7.63 |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 10 | 14.16 | 32.56 | | | 11.79 | 1.66 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 20 | 13.52 | 32.56 | | | | | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 30 | 12.81 | 32.60 | | | 10.17 | 1.31 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 40 | 10.63 | 32.68 | | | 8.10 | 1.28 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 44 | 10.43 | 32.72 | | | 8.37 | 1.03 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 50 | 10.16 | 32.83 | | | 5.75 | 0.84 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 70 | 9.37 | 33.14 | | | | 0.52 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 100 | 8.40 | 33.70 | | | | 0.46 | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 149 | 7.77 | 33.94 | | | | | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 890 | 4.06 | 34.36 | | | | | | |
| W0007A | 7/13/00 | 11:48 | 46 | HH-07 | 44.00 | -125.2 | 1006 | 3.76 | 34.40 | | | | | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 1 | 13.63 | 32.47 | 9.76 | 69.28 | 13.79 | 2.96 | 55.49 | 6.70 |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 10 | 13.32 | 32.52 | | | 15.67 | 3.28 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 20 | 13.19 | 32.54 | | | 10.77 | 2.09 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 30 | 9.90 | 32.65 | | | | | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 38 | 9.19 | 32.78 | | | 9.01 | 1.31 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 40 | 9.03 | 32.80 | | | 9.77 | 1.33 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 50 | 9.12 | 33.04 | | | 7.51 | 1.03 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 70 | 8.82 | 33.43 | | | 6.63 | 0.84 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 100 | 8.63 | 33.78 | | | | 0.49 | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 150 | 7.64 | 33.95 | | | | | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 740 | 4.44 | 34.30 | | | | | | |
| W0007A | 7/13/00 | 13:36 | 47 | HH-09 | 44.00 | -125.4 | 1005 | 3.77 | 34.41 | | | | | | |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 2 | 10.84 | 33.71 | 22.36 | 139.20 | 51.13 | 7.41 | 88.08 | 14.20 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 5 | 10.72 | 33.71 | 24.69 | 134.77 | 47.61 | 7.80 | 87.16 | 14.11 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 8 | 10.37 | 33.69 | 25.01 | 115.15 | 38.56 | 6.44 | 76.59 | 13.84 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 10 | 9.81 | 33.69 | 25.26 | 114.00 | 36.97 | 6.64 | 77.03 | 11.79 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 15 | 9.14 | 33.68 | 31.33 | 92.01 | 26.69 | 4.43 | 65.32 | 11.97 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 20 | 8.54 | 33.71 | 38.00 | 64.54 | 10.96 | 1.41 | 53.58 | 11.98 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 25 | 8.28 | 33.78 | 42.81 | 60.32 | 16.55 | 2.20 | 43.78 | 12.58 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 30 | 7.84 | 33.85 | 42.55 | 55.12 | 11.68 | 1.76 | 43.44 | 8.91 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 40 | 7.68 | 33.88 | 44.50 | 57.16 | 12.86 | 1.81 | 44.30 | 9.49 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 50 | 7.64 | 33.89 | 46.87 | 59.00 | 17.73 | 3.03 | 41.27 | 9.86 |
| W0007A | 7/9/00 | 20:12 | 20 | FM-03 | 43.22 | -124.5 | 53 | 7.62 | 33.89 | 46.31 | 65.30 | 20.16 | 2.77 | 45.14 | 9.61 |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 1 | 12.25 | 33.19 | 14.04 | 124.70 | 41.64 | 6.76 | 83.06 | 7.09 |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 5 | 12.15 | 33.22 | | | 44.67 | 7.78 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 10 | 10.88 | 33.27 | | | 31.24 | 5.37 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 12 | 10.25 | 33.31 | | | 27.43 | 4.48 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 20 | 9.08 | 33.42 | | | 17.36 | 2.38 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 30 | 8.54 | 33.72 | | | 15.84 | 1.92 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 40 | 8.13 | 33.78 | | | 9.70 | 1.21 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 45 | 8.13 | 33.79 | | | 9.01 | 1.07 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 50 | 8.04 | 33.79 | | | 12.58 | | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 60 | 7.73 | 33.88 | | | 7.61 | | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 70 | 7.49 | 33.94 | | | 11.62 | 1.07 | | |
| W0007A | 7/9/00 | 18:12 | 19 | FM-04 | 43.22 | -124.58 | 78 | 7.46 | 33.95 | | | 25.09 | 3.11 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 1 | 12.43 | 32.94 | 11.82 | 85.15 | 20.18 | 3.69 | 64.97 | 6.37 |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 10 | 10.05 | 32.90 | | | 14.16 | 2.29 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 15 | 9.44 | 33.14 | | | 12.18 | 1.94 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 20 | 9.10 | 33.21 | | | 8.08 | 1.12 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 30 | 8.71 | 33.45 | | | 8.99 | 1.32 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 40 | 8.53 | 33.63 | | | 6.60 | 0.84 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 50 | 8.42 | 33.69 | | | 8.14 | 1.01 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 60 | 8.22 | 33.75 | | | 8.58 | 1.09 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 70 | 7.96 | 33.82 | | | 10.70 | 1.15 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 100 | 7.68 | 33.94 | | | 7.96 | 0.70 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 104 | 7.67 | 33.95 | | | 12.52 | 1.06 | | |
| W0007A | 7/9/00 | 15:59 | 18 | FM-05 | 43.22 | -124.67 | 149 | 7.21 | 33.99 | | | | | | |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 1 | 13.19 | 32.91 | 7.71 | 84.31 | 20.71 | 3.79 | 63.60 | 3.76 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 10 | 12.72 | 32.90 | 9.44 | 81.36 | 20.75 | 3.92 | 60.61 | 5.36 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 20 | 10.16 | 33.15 | 19.31 | 85.04 | 23.10 | 4.15 | 61.95 | 7.05 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 23 | 9.80 | 33.26 | 21.33 | 76.16 | 22.69 | 3.96 | 53.46 | 7.15 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 30 | 9.13 | 33.25 | 25.44 | 57.32 | 11.41 | 1.60 | 45.91 | 7.69 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 40 | 9.23 | 33.42 | 26.19 | 59.27 | 10.28 | 1.40 | 48.99 | 6.70 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 50 | 9.18 | 33.56 | 27.07 | 53.30 | 6.30 | 0.73 | 46.99 | 7.14 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 70 | 8.44 | 33.72 | 28.74 | 59.37 | 6.14 | 0.64 | 53.23 | 5.52 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 100 | 7.90 | 33.88 | 34.47 | 44.88 | | | | 5.02 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 150 | 7.49 | 33.97 | 36.66 | 48.18 | 5.75 | | 42.43 | 4.57 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 300 | 6.26 | 34.08 | 41.36 | 44.64 | | 0.62 | | 3.16 |
| W0007A | 7/9/00 | 11:02 | 16 | FM-07 | 43.22 | -124.83 | 320 | 6.13 | 34.08 | 41.40 | 48.03 | 6.01 | 0.70 | 42.02 | 2.71 |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 2 | 13.74 | 32.69 | 8.00 | 89.02 | 15.51 | 2.60 | 73.51 | 5.10 |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 10 | 12.80 | 32.68 | | | 15.78 | 2.93 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 15 | 10.90 | 32.81 | | | 16.05 | 2.79 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 20 | 10.11 | 32.85 | | | 13.82 | 2.16 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 30 | 9.82 | 32.98 | | | 11.98 | 1.68 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 40 | 9.42 | 33.09 | | | 15.88 | 1.60 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 50 | 9.24 | 33.29 | | | 7.02 | 1.00 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 70 | 9.05 | 33.41 | | | 5.52 | 0.75 | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 100 | 8.27 | 33.68 | | | | | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 150 | 7.51 | 33.95 | | | | | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 830 | 4.18 | 34.33 | | | | | | |
| W0007A | 7/9/00 | 8:26 | 15 | FM-08 | 43.22 | -125. | 1005 | 3.81 | 34.41 | | | | | | |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 2 | 15.13 | 32.44 | 6.94 | 79.18 | 16.66 | 3.07 | 62.52 | 3.70 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 10 | 14.87 | 32.41 | 7.19 | 75.11 | 11.34 | 1.81 | 63.77 | 5.18 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 20 | 12.23 | 32.43 | 8.38 | 75.61 | 14.88 | 2.59 | 60.73 | 5.61 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 30 | 10.75 | 32.66 | 10.34 | 74.80 | 16.83 | 3.17 | 57.97 | 5.20 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 35 | 10.28 | 32.73 | 13.57 | 70.97 | 14.79 | 2.76 | 56.18 | 5.64 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 40 | 9.81 | 32.78 | 15.49 | 69.83 | 9.97 | 1.91 | 59.85 | 6.21 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 50 | 9.00 | 32.85 | 21.67 | 63.22 | | 1.15 | | 6.71 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 70 | 8.61 | 33.14 | 25.11 | 57.97 | | 0.81 | | 5.63 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 100 | 8.32 | 33.70 | 32.14 | 57.86 | | 0.84 | | 4.61 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 150 | 7.55 | 33.96 | 34.79 | 51.50 | | | | 7.86 |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 737 | 4.36 | 34.28 | | 48.44 | | | | |
| W0007A | 7/9/00 | 6:37 | 14 | FM-09 | 43.22 | -125.17 | 1005 | 3.68 | 34.43 | | 45.49 | | | | |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 1 | 7.71 | 33.98 | 40.48 | | 14.95 | 2.49 | | 4.73 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 5 | 7.71 | 33.98 | 39.63 | | 15.46 | 2.65 | | 3.70 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 9 | 7.71 | 33.98 | 40.10 | | 14.99 | 2.15 | | 4.74 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 15 | 7.71 | 33.98 | 40.06 | | 17.63 | 2.88 | | 3.96 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 17 | 7.70 | 33.98 | 40.03 | 54.20 | 13.67 | 2.35 | 40.53 | 4.46 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 20 | 7.70 | 33.98 | 39.04 | 60.60 | 17.39 | 2.88 | 43.21 | 2.87 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 24 | 7.70 | 33.98 | 39.53 | | 11.25 | 1.95 | | 4.24 |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 30 | 7.69 | 33.98 | 39.00 | 60.09 | | | | |
| W0007A | 7/11/00 | 16:25 | 34 | RR-01 | 42.50 | -124.5 | 32 | 7.69 | 33.98 | 38.89 | 50.83 | 16.15 | 2.98 | 34.69 | 2.79 |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 2 | 8.49 | 33.90 | 36.65 | 50.17 | 13.48 | 2.07 | 36.70 | 8.98 |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 5 | 8.49 | 33.90 | | | 13.47 | 1.98 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 12 | 8.49 | 33.89 | | | 12.23 | 1.82 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 17 | 8.49 | 33.89 | | | 11.69 | 1.84 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 20 | 8.48 | 33.90 | | | 12.51 | 1.91 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 31 | 8.45 | 33.90 | | | 3.52 | 0.42 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 41 | 8.13 | 33.92 | | | 8.32 | 1.23 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 50 | 7.68 | 33.94 | | | 5.40 | 0.81 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 60 | 7.61 | 33.97 | | | 11.75 | 1.65 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 71 | 7.59 | 33.99 | | | 11.89 | 1.80 | | |
| W0007A | 7/11/00 | 17:43 | 35 | RR-02 | 42.50 | -124.6 | 82 | 7.58 | 33.99 | | | 13.30 | 2.38 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 3 | 9.11 | 33.78 | 34.19 | 57.69 | 23.30 | 3.70 | 34.39 | 8.69 |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 5 | 9.12 | 33.78 | | | 24.41 | 3.82 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 10 | 9.08 | 33.78 | | | 16.26 | 2.87 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 20 | 9.05 | 33.79 | | | 22.05 | 3.62 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 25 | 9.06 | 33.79 | | | 19.69 | 3.22 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 30 | 9.06 | 33.79 | | | 18.52 | 3.40 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 40 | 9.03 | 33.79 | | | 19.93 | 3.40 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 50 | 8.92 | 33.82 | | | 16.18 | 2.89 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 60 | 8.68 | 33.85 | | | 14.61 | 2.60 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 70 | 8.69 | 33.85 | | | 15.65 | 2.70 | | |
| W0007A | 7/11/00 | 20:15 | 36 | RR-03 | 42.50 | -124.7 | 123 | 7.74 | 33.98 | | | 8.82 | 0.86 | | |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 2 | 9.77 | 33.53 | 28.56 | | 8.07 | 1.53 | | 8.17 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 10 | 9.75 | 33.53 | 28.62 | | 7.75 | 1.26 | | 8.48 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 20 | 9.57 | 33.56 | 27.99 | | 8.16 | 1.23 | | 7.27 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 28 | 9.53 | 33.58 | 28.92 | | 6.39 | 0.75 | | 7.07 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 30 | 9.46 | 33.60 | 29.32 | | 5.57 | 1.05 | | 6.67 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 40 | 9.44 | 33.67 | 30.06 | | | 0.45 | | 6.61 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 50 | 9.33 | 33.68 | 30.38 | | | | | 6.69 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 70 | 8.73 | 33.69 | 32.07 | | 7.51 | 1.02 | | 6.13 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 100 | 8.27 | 33.84 | 35.95 | | 6.14 | 0.70 | | 4.68 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 150 | 7.73 | 33.99 | 36.50 | | | | | 4.94 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 445 | 5.96 | 34.11 | 42.60 | | | | | 2.88 |
| W0007A | 7/12/00 | 2:25 | 37 | RR-04 | 42.50 | -124.8 | 500 | 5.63 | 34.14 | 43.30 | | | | | 2.64 |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 2 | 11.16 | 32.89 | 16.11 | 64.12 | 12.52 | 1.84 | 51.60 | 8.42 |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 10 | 11.16 | 32.89 | | | 11.51 | 1.90 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 20 | 11.16 | 32.89 | | | 11.57 | 1.93 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 25 | 11.14 | 32.81 | | | 10.33 | 1.68 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 30 | 11.14 | 32.91 | | | 9.74 | 1.88 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 40 | 11.11 | 32.93 | | | 9.71 | 1.73 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 50 | 10.82 | 33.04 | | | 9.45 | 1.59 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 70 | 10.22 | 33.31 | | | 10.20 | 1.67 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 100 | 9.18 | 33.68 | | | | 0.97 | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 150 | 7.86 | 33.93 | | | | | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 880 | 4.27 | 34.34 | | | | | | |
| W0007A | 7/12/00 | 9:39 | 39 | RR-06 | 42.50 | -125. | 1005 | 3.93 | 34.39 | | | | | | |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 3 | 10.86 | 33.03 | 19.79 | | 8.28 | 1.75 | | 9.80 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 10 | 10.86 | 33.02 | 19.86 | | 9.57 | 1.89 | | 9.68 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 21 | 10.86 | 33.03 | 20.54 | | 9.97 | 2.02 | | 10.23 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 30 | 10.86 | 33.03 | 20.52 | | 9.32 | 1.75 | | 10.35 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 35 | 10.85 | 33.03 | 20.86 | | 10.48 | 2.13 | | 10.06 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 40 | 10.86 | 33.03 | 21.52 | | 9.47 | 1.86 | | 10.59 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 50 | 10.35 | 33.31 | 22.76 | | 8.94 | 1.71 | | 10.75 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 70 | 9.36 | 33.67 | 32.96 | | 6.03 | 0.96 | | 10.56 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 100 | 8.30 | 33.76 | 38.32 | | | 0.49 | | 9.87 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 150 | 7.51 | 33.97 | 42.57 | | | | | 9.34 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 840 | 4.19 | 34.36 | 51.96 | | | | | 6.64 |
| W0007A | 7/12/00 | 12:32 | 40 | RR-07 | 42.50 | -125.2 | 1002 | 3.84 | 34.41 | 51.14 | | | | | 5.74 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 1 | 9.92 | 33.86 | 32.67 | 161.99 | 52.45 | 9.13 | 109.53 | 13.32 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 5 | 9.93 | 33.85 | 30.79 | 170.53 | 47.51 | 10.47 | 123.03 | |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 11 | 9.92 | 33.86 | 31.58 | 173.87 | 60.53 | 10.50 | 113.35 | 9.58 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 15 | 9.55 | 33.88 | 32.62 | 110.33 | 34.37 | 6.35 | 75.97 | 15.39 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 21 | 8.75 | 33.91 | 36.29 | 71.03 | 19.27 | 3.17 | 51.76 | 4.94 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 25 | 8.39 | 33.92 | 37.30 | 60.92 | 12.44 | 1.90 | 48.48 | 4.28 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 30 | 8.11 | 33.94 | 35.99 | 54.04 | 10.55 | 1.30 | 43.49 | 3.09 |
| W0007A | 7/10/00 | 23:03 | 27 | CR-01 | 41.90 | -124.3 | 36 | 8.10 | 33.94 | 35.95 | 58.00 | 10.13 | 1.56 | 47.87 | 2.76 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 2 | 9.07 | 33.88 | 34.11 | 86.43 | 29.18 | 5.20 | 57.25 | 7.08 |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 5 | 9.07 | 33.88 | | | 29.98 | 5.37 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 10 | 9.07 | 33.88 | | | 27.25 | 5.37 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 20 | 9.07 | 33.88 | | | 30.86 | 5.64 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 25 | 9.07 | 33.88 | | | 29.75 | 5.61 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 30 | 9.06 | 33.88 | | | 31.19 | 5.78 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 40 | 8.96 | 33.88 | | | | 1.11 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 50 | 8.34 | 33.91 | | | 5.50 | 1.00 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 60 | 8.17 | 33.93 | | | 5.50 | 1.11 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 70 | 8.03 | 33.95 | | | 7.52 | 1.26 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 95 | 7.85 | 33.99 | | | 7.42 | 1.29 | | |
| W0007A | 7/11/00 | 1:53 | 29 | CR-03 | 41.90 | -124.5 | 100 | 7.84 | 34.00 | | | 9.58 | 1.79 | | |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 2 | 8.89 | 33.85 | 32.47 | 72.43 | 19.58 | 3.02 | 52.86 | 5.23 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 10 | 8.87 | 33.85 | 33.23 | 79.91 | 21.57 | 3.67 | 58.34 | 4.97 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 20 | 8.84 | 33.86 | 34.06 | 76.20 | 17.65 | 2.96 | 58.54 | 4.91 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 30 | 8.83 | 33.86 | 33.76 | 77.05 | 16.22 | 2.76 | 60.83 | 6.23 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 33 | 8.81 | 33.86 | 33.47 | 80.32 | 13.72 | 2.61 | 66.60 | 6.29 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 40 | 8.81 | 33.86 | 32.79 | 85.27 | 16.41 | 3.24 | 68.86 | 4.37 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 50 | 8.82 | 33.86 | 33.21 | 74.22 | 18.59 | 3.55 | 55.63 | 4.29 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 70 | 8.73 | 33.87 | 33.90 | 65.85 | 19.65 | 4.12 | 46.20 | |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 150 | 7.71 | 34.03 | 36.94 | 54.51 | | | | 3.92 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 295 | 6.91 | 34.08 | 38.33 | 53.49 | | | | 1.90 |
| W0007A | 7/11/00 | 7:06 | 31 | CR-04 | 41.90 | -124.6 | 450 | 5.89 | 34.10 | 40.06 | 56.21 | | | | 0.38 |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 2 | 9.38 | 33.60 | 29.13 | 67.94 | | | 67.94 | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 10 | 9.38 | 33.60 | | | 18.35 | 3.11 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 20 | 9.38 | 33.60 | | | 13.55 | 2.32 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 25 | 9.38 | 33.60 | | | 9.18 | 1.49 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 30 | 9.32 | 33.60 | | | 9.46 | 1.38 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 40 | 9.30 | 33.60 | | | 11.26 | 1.76 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 50 | 9.28 | 33.61 | | | 9.91 | 1.36 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 70 | 9.25 | 33.61 | | | 8.85 | 0.96 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 100 | 8.48 | 33.77 | | | 7.40 | 0.80 | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 150 | 7.88 | 33.91 | | | | | | |
| W0007A | 7/11/00 | 8:41 | 32 | CR-05 | 41.90 | -124.7 | 650 | 4.80 | 34.26 | | | | | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 2 | 11.25 | 32.90 | 14.33 | 63.19 | 15.33 | 1.97 | 47.86 | 7.28 |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 9 | 11.24 | 32.90 | | | 13.91 | 1.92 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 20 | 11.24 | 32.90 | | | 15.07 | 1.94 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 30 | 11.23 | 32.90 | | | 13.44 | 1.95 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 35 | 11.20 | 32.90 | | | 14.33 | 2.28 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 39 | 11.19 | 32.91 | | | 12.16 | 2.01 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 50 | 11.14 | 33.09 | | | 11.02 | 1.75 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 70 | 9.28 | 33.64 | | | 7.11 | 1.07 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 100 | 8.91 | 33.85 | | | 6.76 | 0.97 | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 150 | 7.89 | 33.96 | | | | | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 500 | 5.05 | 34.13 | | | | | | |
| W0007A | 7/10/00 | 17:38 | 26 | CR-07 | 41.90 | -125. | 720 | 4.34 | 34.32 | | | | | | |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 1 | 12.12 | 33.27 | 18.54 | 109.22 | 23.02 | 4.29 | 86.20 | 8.53 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 10 | 12.12 | 33.27 | 18.65 | 82.91 | 19.47 | 3.93 | 63.44 | 9.06 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 21 | 11.86 | 33.30 | 19.93 | 82.02 | 22.23 | 4.10 | 59.79 | 9.97 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 26 | 11.36 | 33.36 | 22.28 | 94.96 | 18.32 | 3.48 | 76.64 | 11.91 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 30 | 10.82 | 33.37 | 24.31 | 76.28 | 17.38 | 3.32 | 58.90 | 10.88 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 40 | 9.86 | 33.62 | 28.38 | 69.56 | 14.10 | 2.31 | 55.46 | 9.86 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 50 | 9.56 | 33.68 | 32.01 | 54.51 | 11.23 | 1.63 | 43.28 | 7.49 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 70 | 8.83 | 33.79 | 34.68 | 49.14 | 9.16 | 0.97 | 39.99 | 6.72 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 100 | 8.23 | 33.86 | 36.29 | 48.71 | 7.17 | 0.77 | 41.53 | 5.92 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 150 | 7.57 | 33.95 | 38.11 | 50.31 | | | | 5.07 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 316 | 5.84 | 34.01 | 41.21 | 44.71 | | | | 2.31 |
| W0007A | 7/10/00 | 13:19 | 24 | CR-09 | 41.90 | -125.33 | 1005 | 3.58 | 34.44 | | 44.14 | | | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 2 | 15.55 | 32.25 | 6.49 | 61.53 | 5.88 | 0.85 | 55.65 | 5.64 |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 10 | 15.52 | 32.26 | | | 6.55 | 0.82 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 20 | 15.44 | 32.26 | | | 6.81 | 0.68 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 30 | 14.74 | 32.36 | | | 6.83 | 0.90 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 40 | 14.22 | 32.40 | | | 6.01 | 0.74 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 50 | 13.41 | 32.59 | | | 7.09 | 1.02 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 59 | 11.47 | 32.71 | | | 9.27 | 1.32 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 70 | 10.36 | 32.75 | | | 6.06 | 0.90 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 100 | 9.18 | 33.09 | | | 8.43 | 1.37 | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 150 | 8.38 | 33.73 | | | | | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 735 | 4.33 | 34.28 | | | | | | |
| W0007A | 7/10/00 | 6:50 | 22 | CR-11 | 41.90 | -126. | 1005 | 3.65 | 34.42 | | | | | | |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 1 | 12.71 | 33.14 | 15.56 | 95.80 | 30.89 | 5.17 | 64.91 | 9.21 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 5 | 12.72 | 33.14 | 16.45 | 105.40 | 40.82 | 6.52 | 64.58 | 8.90 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 10 | 12.63 | 33.14 | 15.79 | 94.70 | 33.27 | 5.81 | 61.43 | 8.53 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 15 | 12.52 | 33.14 | 34.37 | 98.30 | 31.76 | 5.36 | 66.54 | 14.57 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 21 | 12.37 | 33.17 | 40.13 | 82.70 | 27.21 | 4.29 | 55.49 | 7.52 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 22 | 12.24 | 33.17 | 41.16 | 76.50 | 22.87 | 3.76 | 53.63 | 7.55 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 25 | 9.94 | 33.40 | 40.54 | 70.20 | 24.03 | 3.51 | 46.17 | 5.34 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 30 | 9.29 | 33.65 | 41.77 | 61.90 | 16.71 | 2.46 | 45.19 | 5.22 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 41 | 8.07 | 33.71 | 41.08 | 57.40 | 12.70 | 1.97 | 44.70 | 4.79 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.83 | 33.77 | 40.58 | 56.40 | 8.98 | 1.51 | 47.42 | 4.33 |
| W0009A | 9/7/00 | 20:00 | 3 | NH-05 | 44.65 | -124.18 | 51 | 7.84 | 33.77 | 43.62 | 54.90 | 16.92 | 2.44 | 37.98 | 6.64 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 2 | 13.85 | 32.34 | 14.20 | 94.90 | 34.02 | 5.67 | 60.88 | 7.59 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 5 | 13.36 | 32.38 | 14.80 | 94.50 | 35.67 | 5.76 | 58.83 | 5.89 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 10 | 12.90 | 32.40 | 16.83 | 88.50 | 28.66 | 4.71 | 59.84 | 7.90 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 15 | 8.53 | 32.71 | 22.40 | 68.90 | 15.02 | 2.25 | 53.88 | 4.07 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 20 | 8.15 | 32.93 | 24.13 | 65.80 | 8.31 | 1.31 | 57.49 | 6.71 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.02 | 33.22 | 28.62 | 59.40 | 6.48 | 0.96 | 52.92 | 6.39 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 40 | 8.03 | 33.46 | 30.92 | 54.20 | | 0.64 | | 5.11 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.11 | 33.67 | 32.38 | 53.10 | 6.15 | 0.87 | 46.95 | 3.25 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 60 | 8.09 | 33.75 | 34.41 | 53.10 | 6.37 | 0.81 | 46.73 | 3.84 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 70 | 7.84 | 33.84 | 36.20 | 52.80 | 5.59 | 0.83 | 47.21 | 2.62 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 85 | 7.72 | 33.86 | 37.81 | 55.20 | 8.51 | 1.17 | 46.69 | 2.68 |
| W0009A | 9/7/00 | 23:08 | 5 | NH-15 | 44.65 | -124.41 | 90 | 7.72 | 33.86 | 37.71 | 52.60 | 11.27 | 1.60 | 41.33 | 2.12 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 2 | 15.60 | 31.54 | 8.14 | 89.50 | 23.91 | 2.97 | 65.59 | 5.04 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 10 | 14.93 | 31.71 | 13.13 | 71.90 | 12.70 | 2.08 | 59.20 | 5.52 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 15 | 14.30 | 31.94 | 15.56 | 63.20 | 9.17 | 1.44 | 54.03 | 5.76 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 20 | 11.45 | 32.34 | 16.24 | 59.90 | 6.47 | 1.02 | 53.43 | 5.47 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 30 | 8.71 | 32.63 | 20.73 | 57.30 | 6.31 | 0.68 | 50.99 | 5.49 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 40 | 8.22 | 32.83 | 25.07 | 62.80 | 7.28 | 0.96 | 55.52 | 5.47 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.19 | 33.07 | 28.68 | 57.70 | 4.84 | 0.64 | 52.86 | 4.81 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.11 | 33.51 | 32.20 | 55.00 | | 0.49 | | 4.21 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 100 | 7.88 | 33.83 | 34.54 | 54.50 | 5.63 | 0.53 | 48.87 | 2.79 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.50 | 33.96 | 37.18 | 52.80 | 5.06 | 0.52 | 47.74 | 2.24 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.12 | 33.99 | 37.58 | 49.90 | 5.45 | 0.60 | 44.45 | 1.29 |
| W0009A | 9/8/00 | 2:20 | 7 | NH-25 | 44.65 | -124.65 | 270 | 6.88 | 34.01 | 38.01 | 51.40 | 5.96 | 0.75 | 45.44 | 1.00 |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 1 | 16.01 | 32.08 | 7.16 | 82.60 | 9.73 | 1.37 | 72.87 | 5.71 |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 10 | 15.95 | 32.09 | | | 7.97 | 1.26 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 20 | 11.62 | 32.53 | | | 6.00 | 0.92 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 23 | 11.15 | 32.58 | | | 8.29 | 1.09 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.81 | 32.63 | | | 6.54 | 0.95 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 40 | 8.96 | 32.67 | | | 7.16 | 1.17 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 50 | 8.53 | 32.75 | | | | 0.71 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 69 | 8.45 | 33.11 | | | 4.60 | 0.71 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.20 | 33.70 | | | | 0.41 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 149 | 7.67 | 33.92 | | | | 0.52 | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 310 | 6.60 | 34.03 | | | | | | |
| W0009A | 9/8/00 | 5:38 | 8 | NH-35 | 44.65 | -124.88 | 374 | 6.27 | 34.05 | | | | | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 1 | 16.72 | 32.13 | 6.57 | 80.00 | 7.61 | 1.33 | 72.39 | 5.24 |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 10 | 16.67 | 32.13 | | | 8.60 | 1.52 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 20 | 13.63 | 32.50 | | | 8.66 | 1.46 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 26 | 12.40 | 32.57 | | | 6.47 | 1.26 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 30 | 11.64 | 32.62 | | | 5.77 | 0.90 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.97 | 32.67 | | | 6.03 | 0.90 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.35 | 32.69 | | | | 0.48 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.74 | 32.77 | | | 5.03 | 0.48 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.39 | 33.39 | | | 6.20 | 0.73 | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.94 | 33.85 | | | | | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.27 | 34.11 | | | | | | |
| W0009A | 9/8/00 | 8:54 | 9 | NH-45 | 44.65 | -125.12 | 650 | 4.58 | 34.24 | | | | | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 1 | 16.16 | 32.08 | 6.82 | 79.40 | 7.12 | 0.94 | 72.28 | 5.87 |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 10 | 16.13 | 32.08 | | | 8.46 | 1.53 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 15 | 12.96 | 32.35 | | | 11.99 | 2.31 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 20 | 11.96 | 32.48 | | | 14.75 | 2.63 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 30 | 10.15 | 32.60 | | | 5.29 | 1.06 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 40 | 8.91 | 32.66 | | | 4.80 | 0.90 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 48 | 8.70 | 32.70 | | | | 0.67 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 70 | 8.44 | 32.93 | | | | 0.55 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.37 | 33.40 | | | | 0.68 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.01 | 33.89 | | | | 0.78 | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 861 | 4.04 | 34.35 | | | | | | |
| W0009A | 9/8/00 | 14:57 | 11 | NH-65 | 44.65 | -125.6 | 1004 | 3.70 | 34.40 | | | | | | |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 1 | 16.14 | 31.93 | 8.26 | | 11.45 | 1.55 | | 6.62 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 10 | 16.14 | 31.94 | 8.37 | | 11.00 | 1.69 | | 6.58 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 20 | 14.18 | 32.33 | 9.59 | | 11.95 | 1.87 | | 6.59 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 25 | 12.86 | 32.39 | 10.58 | | 9.88 | 1.52 | | 6.30 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 30 | 12.60 | 32.53 | 13.26 | | 8.64 | 1.28 | | 6.31 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 40 | 10.22 | 32.72 | 18.03 | | 8.96 | 1.10 | | 5.86 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.31 | 32.89 | 21.07 | | 6.34 | 0.67 | | 5.68 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.86 | 33.27 | 25.89 | | 5.37 | 0.45 | | 4.35 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.36 | 33.53 | 28.91 | | | 0.37 | | 3.28 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.78 | 33.91 | 34.58 | | | 0.36 | | 2.79 |
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 900 | 3.81 | 34.35 | | 42.80 | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/8/00 | 18:06 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.54 | 34.39 | | 43.50 | | | | |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 1 | 13.47 | 33.04 | 16.43 | 89.30 | 17.09 | 2.71 | 72.21 | 6.67 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 5 | 13.00 | 33.08 | 18.11 | | 13.20 | 2.11 | | 7.60 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 10 | 12.99 | 33.07 | 24.87 | | 32.73 | 5.50 | | 8.31 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 15 | 11.17 | 33.25 | 30.31 | | 22.82 | 4.12 | | 8.90 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 20 | 9.87 | 33.39 | 35.08 | | 4.44 | 0.91 | | 7.71 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 24 | 9.41 | 33.60 | 36.37 | | 8.28 | 1.64 | | 6.91 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 30 | 9.21 | 33.65 | 37.44 | | 6.06 | 1.32 | | 7.84 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 39 | 8.88 | 33.65 | 38.89 | | 7.17 | 1.32 | | 7.41 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 45 | 8.81 | 33.66 | 38.93 | | 8.01 | 1.39 | | 8.30 |
| W0009A | 9/12/00 | 0:30 | 39 | HH-01 | 44.00 | -124.2 | 49 | 8.70 | 33.69 | 39.19 | | 9.71 | 1.59 | | 7.31 |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 1 | 13.80 | 32.56 | 16.48 | 84.50 | 25.16 | 4.56 | 59.34 | 9.61 |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 5 | 13.78 | 32.56 | | | 28.32 | 4.76 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 10 | 12.81 | 32.61 | | | 12.18 | 2.33 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 20 | 10.17 | 32.80 | | | 6.47 | 1.44 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 25 | 8.77 | 32.99 | | | | 0.80 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 30 | 8.35 | 33.19 | | | | 0.73 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 40 | 8.27 | 33.46 | | | | 0.54 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 50 | 8.24 | 33.59 | | | | 0.43 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 60 | 8.19 | 33.75 | | | | 0.70 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 70 | 8.07 | 33.81 | | | | 0.71 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 100 | 7.82 | 33.92 | | | 4.78 | 0.88 | | |
| W0009A | 9/12/00 | 2:12 | 40 | HH-02 | 44.00 | -124.4 | 110 | 7.73 | 33.96 | | | 6.27 | 1.03 | | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 2 | 14.02 | 32.53 | | 78.20 | 14.64 | 2.78 | 63.56 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 11 | 10.84 | 32.62 | | 67.80 | 11.21 | 2.06 | 56.59 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 16 | 9.98 | 32.64 | | 69.60 | 10.13 | 1.94 | 59.47 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 21 | 9.21 | 32.76 | | 67.80 | 9.80 | 1.98 | 58.00 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 30 | 8.37 | 32.93 | | 60.80 | 6.24 | 1.22 | 54.56 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 40 | 8.13 | 33.39 | | 60.00 | 5.36 | 1.11 | 54.64 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 50 | 8.14 | 33.59 | | 56.10 | | 0.55 | | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 60 | 8.24 | 33.75 | | 56.40 | | 0.60 | | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 70 | 8.26 | 33.81 | | 53.50 | | 0.56 | | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 100 | 7.95 | 33.93 | | 55.60 | 3.63 | 0.63 | 51.97 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 135 | 7.82 | 33.97 | | 53.60 | 5.62 | 0.80 | 47.98 | |
| W0009A | 9/12/00 | 3:55 | 41 | HH-03 | 44.00 | -124.6 | 145 | 7.82 | 33.97 | | 52.70 | 7.30 | 1.00 | 45.40 | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 1 | 14.16 | 32.47 | 14.05 | 88.70 | 15.16 | 2.93 | 73.54 | 10.10 |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 6 | 13.19 | 32.53 | | | 16.25 | 3.04 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 10 | 10.77 | 32.79 | | | 19.97 | 3.60 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 15 | 10.12 | 32.94 | | | 20.78 | 3.81 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 20 | 9.63 | 33.02 | | | 12.93 | 2.67 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 30 | 8.79 | 33.37 | | | 6.17 | 1.21 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 40 | 8.45 | 33.47 | | | 5.24 | 1.23 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 50 | 8.16 | 33.61 | | | | 0.95 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 60 | 7.90 | 33.80 | | | | 0.93 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 70 | 7.82 | 33.86 | | | | 0.68 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 85 | 7.70 | 33.98 | | | 4.85 | 1.06 | | |
| W0009A | 9/12/00 | 6:19 | 42 | HH-04 | 44.00 | -124.8 | 100 | 7.56 | 33.94 | | | 5.08 | 1.09 | | |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 2 | 14.10 | 32.36 | 12.36 | 85.00 | 17.30 | 3.35 | 67.70 | 7.79 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 11 | 12.72 | 32.37 | 15.07 | 73.40 | 16.48 | 3.09 | 56.92 | 7.71 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 20 | 8.95 | 32.70 | 23.32 | 60.30 | 5.91 | 1.17 | 54.39 | 7.71 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 30 | 8.30 | 32.95 | 27.21 | 55.50 | 4.88 | 0.79 | 50.62 | 7.68 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 40 | 8.18 | 33.14 | 30.76 | 56.20 | | 0.70 | | 7.03 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 50 | 8.17 | 33.35 | 33.87 | 52.20 | 4.56 | 0.72 | 47.64 | 6.88 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 70 | 8.13 | 33.74 | 37.70 | 47.40 | | 0.55 | | 5.87 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 100 | 7.96 | 33.91 | 38.64 | 55.70 | | 0.79 | | 5.69 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 150 | 7.72 | 33.99 | 40.31 | 51.90 | | | | 6.18 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 300 | 6.53 | 34.05 | 42.22 | 52.90 | | | | 5.16 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 501 | 5.46 | 34.10 | 45.95 | 50.80 | | | | 4.66 |
| W0009A | 9/12/00 | 8:47 | 43 | HH-05 | 44.00 | -125. | 885 | 3.86 | 34.39 | 48.56 | 42.60 | | | | 3.43 |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 1 | 14.53 | 32.20 | 12.36 | 85.60 | 15.70 | 3.24 | 69.90 | 8.88 |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 10 | 11.73 | 32.54 | | | 14.19 | 2.92 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 12 | 11.27 | 32.54 | | | 11.86 | 2.56 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 20 | 9.00 | 32.67 | | | 6.37 | 1.46 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 30 | 8.37 | 32.85 | | | | 0.98 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 40 | 8.26 | 33.02 | | | | 0.72 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 50 | 8.38 | 33.19 | | | | 0.65 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 70 | 8.63 | 33.64 | | | | 0.64 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 100 | 8.09 | 33.86 | | | | 0.42 | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 150 | 7.60 | 33.96 | | | | | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 350 | 6.13 | 34.06 | | | | | | |
| W0009A | 9/12/00 | 12:24 | 44 | HH-07 | 44.00 | -125.2 | 1005 | 3.65 | 34.42 | | | | | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 1 | 15.54 | 31.89 | 10.44 | 86.40 | 12.23 | 2.18 | 74.17 | 8.07 |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 5 | 15.66 | 31.87 | | | 14.28 | 2.37 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 10 | 15.50 | 31.90 | | | 17.66 | 3.40 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 16 | 12.94 | 32.30 | | | 7.42 | 1.52 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 20 | 10.78 | 32.48 | | | 6.72 | 1.32 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 30 | 8.82 | 32.67 | | | 5.43 | 0.96 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 40 | 8.46 | 32.79 | | | | 0.97 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 50 | 8.80 | 33.14 | | | | 0.60 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 70 | 9.02 | 33.42 | | | | 0.49 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 100 | 8.39 | 33.67 | | | | 0.60 | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 150 | 7.71 | 33.92 | | | | | | |
| W0009A | 9/12/00 | 14:07 | 45 | HH-09 | 44.00 | -125.4 | 1005 | 3.59 | 34.41 | | | | | | |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 1 | 11.48 | 33.32 | 27.58 | 76.50 | 25.48 | 5.06 | 51.02 | 10.08 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 5 | 11.52 | 33.32 | 27.53 | 70.20 | 26.85 | 5.29 | 43.35 | 9.93 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 10 | 11.07 | 33.38 | 28.48 | 73.10 | 24.47 | 4.70 | 48.63 | 11.01 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 15 | 10.69 | 33.40 | 28.74 | 73.80 | 19.87 | 3.87 | 53.93 | 10.75 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 21 | 10.32 | 33.53 | 28.29 | 75.30 | 19.28 | 3.80 | 56.02 | 9.78 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 23 | 10.24 | 33.55 | 28.38 | 70.60 | 18.29 | 3.48 | 52.31 | 9.98 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 25 | 10.11 | 33.58 | 29.28 | 65.90 | 17.22 | 3.25 | 48.68 | 10.11 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 30 | 9.71 | 33.62 | 31.88 | 62.80 | 13.69 | 2.49 | 49.11 | 10.81 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 41 | 8.89 | 33.83 | 37.47 | 57.50 | 7.40 | 1.38 | 50.10 | 9.78 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 55 | 8.82 | 33.85 | 41.69 | 53.90 | 7.85 | 1.22 | 46.05 | 8.07 |
| W0009A | 9/9/00 | 15:19 | 19 | FM-03 | 43.22 | -124.5 | 59 | 8.81 | 33.85 | 41.63 | 63.50 | 11.19 | 1.58 | 52.31 | 8.27 |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 2 | 11.88 | 33.12 | 22.08 | 68.70 | 17.00 | 3.51 | 51.70 | 7.41 |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 5 | 11.57 | 33.20 | | | 18.20 | 3.46 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 10 | 11.26 | 33.24 | | | 14.69 | 2.75 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 20 | 9.70 | 33.57 | | | 10.28 | 1.74 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 30 | 9.37 | 33.64 | | | 6.75 | 1.27 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 40 | 9.04 | 33.79 | | | 7.16 | 0.96 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 50 | 8.86 | 33.79 | | | 6.12 | 0.83 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 60 | 8.61 | 33.81 | | | 6.12 | 0.74 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 71 | 8.30 | 33.87 | | | 6.87 | 0.88 | | |
| W0009A | 9/9/00 | 13:32 | 18 | FM-04 | 43.22 | -124.58 | 80 | 8.09 | 33.92 | | | 7.28 | 0.80 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 1 | 12.15 | 32.91 | 19.60 | 76.40 | 19.65 | 3.44 | 56.75 | 7.00 |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 10 | 11.66 | 32.97 | | | 20.63 | 3.68 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 13 | 11.25 | 33.06 | | | 18.78 | 3.40 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 20 | 9.37 | 33.23 | | | 9.12 | 1.47 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 30 | 8.81 | 33.55 | | | 4.91 | 0.67 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 40 | 8.74 | 33.60 | | | 5.33 | 0.65 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 50 | 8.90 | 33.74 | | | 8.27 | 1.04 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 60 | 8.56 | 33.79 | | | | 0.73 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 70 | 8.59 | 33.86 | | | 5.99 | 0.89 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 100 | 8.14 | 33.93 | | | 6.32 | 0.76 | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 108 | 8.11 | 33.93 | | | | | | |
| W0009A | 9/9/00 | 11:32 | 17 | FM-05 | 43.22 | -124.67 | 142 | 7.86 | 33.98 | | | | | | |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 1 | 13.04 | 32.71 | 13.58 | 70.40 | 11.08 | 2.42 | 59.32 | 7.15 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 10 | 11.72 | 32.77 | 15.92 | 73.70 | 9.50 | 1.96 | 64.20 | 8.04 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 15 | 11.37 | 32.79 | 16.00 | 72.00 | 10.89 | 1.85 | 61.11 | 7.08 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 20 | 10.50 | 32.77 | 19.71 | 66.80 | 7.41 | 1.45 | 59.39 | 7.83 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 30 | 9.61 | 33.05 | 23.31 | 57.70 | 6.09 | 0.98 | 51.61 | 6.75 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 40 | 9.32 | 33.19 | 27.77 | 57.20 | 6.93 | 0.74 | 50.27 | 6.74 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 50 | 8.91 | 33.27 | 29.45 | 52.80 | 5.79 | 0.85 | 47.01 | 5.73 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 71 | 8.76 | 33.62 | 30.69 | 52.60 | 5.65 | 0.49 | 46.95 | 5.37 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 100 | 8.52 | 33.81 | 34.50 | 55.70 | 4.93 | 0.54 | 50.77 | 4.34 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 150 | 7.74 | 33.96 | 36.59 | 53.90 | | | | 3.18 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 175 | 7.52 | 33.97 | 36.19 | 53.80 | | | | 2.79 |
| W0009A | 9/9/00 | 7:39 | 15 | FM-07 | 43.22 | -124.83 | 302 | 6.55 | 34.06 | 39.38 | 49.20 | | | | 1.94 |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 1 | 13.40 | 32.67 | 13.18 | 73.20 | 14.64 | 2.53 | 58.56 | 6.97 |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 10 | 12.65 | 32.66 | | | 17.07 | 2.68 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 20 | 9.41 | 32.76 | | | 10.67 | 1.66 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 30 | 9.12 | 32.89 | | | 6.78 | 1.04 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 40 | 8.78 | 33.08 | | | 6.29 | 0.85 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 50 | 8.83 | 33.30 | | | 7.44 | 0.85 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 70 | 8.70 | 33.58 | | | | 0.52 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 100 | 8.49 | 33.83 | | | 5.81 | 0.70 | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 150 | 7.79 | 33.95 | | | | | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 225 | 7.03 | 34.00 | | | | | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 885 | 3.85 | 34.39 | | | | | | |
| W0009A | 9/9/00 | 5:25 | 14 | FM-08 | 43.22 | -125. | 1005 | 3.53 | 34.44 | | | | | | |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 2 | 16.15 | 32.34 | 8.32 | | 10.70 | 1.81 | | 6.24 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 10 | 16.01 | 32.38 | 9.89 | | 8.34 | 1.25 | | 8.01 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 20 | 10.40 | 32.62 | 15.38 | | 9.71 | 1.62 | | 7.69 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 26 | 9.64 | 32.79 | 17.79 | | 9.50 | 1.59 | | 7.12 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 30 | 9.16 | 32.78 | 19.46 | | 7.90 | 1.21 | | 7.35 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 40 | 8.88 | 32.95 | 22.18 | | 5.58 | 0.62 | | 7.78 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 50 | 8.51 | 33.12 | 25.21 | | 4.87 | 0.65 | | 5.78 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 68 | 8.66 | 33.48 | 30.23 | | 6.21 | 0.70 | | 5.42 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 100 | 8.09 | 33.75 | 33.45 | | 5.71 | 0.62 | | 4.86 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 151 | 7.58 | 33.93 | 35.82 | | | | | 5.12 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 625 | 4.66 | 34.23 | 45.47 | | | | | 1.30 |
| W0009A | 9/9/00 | 3:31 | 13 | FM-09 | 43.22 | -125.17 | 980 | 3.62 | 34.42 | 45.87 | 39.50 | | | | 0.47 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 1 | 13.37 | 33.53 | 33.58 | 71.20 | 16.62 | 3.22 | 54.58 | 11.34 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 3 | 10.36 | 33.53 | 33.40 | 75.10 | 18.06 | 3.50 | 57.04 | 10.95 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 5 | 10.32 | 33.53 | 33.36 | 76.50 | 16.43 | 3.12 | 60.07 | 11.12 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 9 | 9.97 | 33.53 | 33.76 | 65.80 | 14.29 | 2.73 | 51.51 | 10.25 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 10 | 9.65 | 33.60 | | 65.50 | 10.53 | 2.06 | 54.97 | |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 15 | 9.50 | 33.67 | 37.77 | | 6.70 | 1.13 | | 8.00 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 20 | 8.87 | 33.77 | 38.17 | | 5.45 | 0.77 | | 8.74 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 25 | 8.63 | 33.80 | 43.53 | | 5.87 | 0.74 | | 12.39 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 30 | 8.42 | 33.86 | 39.12 | | 6.57 | 1.02 | | 7.83 |
| W0009A | 9/11/00 | 15:12 | 38 | RR-01 | 42.50 | -124.5 | 32 | 8.43 | 33.85 | 40.51 | | 5.72 | 0.88 | | 9.39 |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 2 | 10.84 | 33.12 | 25.23 | 70.30 | 15.03 | 3.03 | 55.27 | 8.48 |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 5 | 10.84 | 33.12 | | | 14.61 | 3.03 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 11 | 10.81 | 33.13 | | | 14.22 | 2.89 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 15 | 10.76 | 33.14 | | | 14.54 | 2.83 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 19 | 10.06 | 33.14 | | | 11.61 | 2.30 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 30 | 9.48 | 33.33 | | | 7.42 | 1.38 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 40 | 9.06 | 33.55 | | | | 0.61 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 50 | 8.99 | 33.72 | | | 4.64 | 0.63 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 60 | 8.65 | 33.79 | | | | 0.56 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 70 | 8.54 | 33.83 | | | | 0.56 | | |
| W0009A | 9/11/00 | 13:59 | 37 | RR-02 | 42.50 | -124.6 | 81 | 8.19 | 33.91 | | | | 0.56 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 2 | 13.76 | 32.68 | 12.91 | 75.00 | 10.64 | 1.95 | 64.36 | 7.53 |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 5 | 13.75 | 32.68 | | | 10.24 | 1.81 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 10 | 12.52 | 32.74 | | | 8.81 | 1.68 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 15 | 10.75 | 32.91 | | | 8.05 | 1.37 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 20 | 9.70 | 32.96 | | | 7.37 | 1.21 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 30 | 9.27 | 33.35 | | | 5.01 | 0.76 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 40 | 9.12 | 33.49 | | | | 0.46 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 50 | 8.92 | 33.64 | | | | 0.38 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 61 | 8.75 | 33.73 | | | | 0.40 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 70 | 8.58 | 33.81 | | | 5.52 | 0.65 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 100 | 8.19 | 33.93 | | | | 0.60 | | |
| W0009A | 9/11/00 | 10:57 | 36 | RR-03 | 42.50 | -124.7 | 120 | 8.06 | 33.94 | | | | | | |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 2 | 12.99 | 32.74 | 15.97 | 71.10 | 12.15 | 2.32 | 58.95 | 9.10 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 10 | 12.52 | 32.77 | 20.29 | 69.70 | 11.58 | 2.07 | 58.12 | 10.02 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 15 | 12.17 | 33.13 | 23.69 | 65.20 | 9.82 | 1.84 | 55.38 | 11.03 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 20 | 12.15 | 33.20 | 22.54 | 64.70 | 7.32 | 1.64 | 57.38 | 9.55 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 30 | 11.54 | 33.21 | 24.37 | 64.30 | 5.26 | 1.08 | 59.04 | 11.16 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 40 | 10.75 | 33.22 | 26.73 | 65.90 | 7.95 | 1.27 | 57.95 | 9.88 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 50 | 9.39 | 33.35 | | 54.30 | | 0.51 | | |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 70 | 8.74 | 33.70 | 30.32 | 54.50 | | 0.58 | | 3.47 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 100 | 8.44 | 33.86 | 33.00 | 49.30 | 5.00 | 0.68 | 44.30 | 2.65 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 150 | 7.83 | 33.98 | 40.92 | 49.10 | | | | 8.47 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 440 | 5.74 | 34.08 | 46.28 | 49.30 | | | | 6.81 |
| W0009A | 9/11/00 | 7:29 | 35 | RR-04 | 42.50 | -124.8 | 500 | 5.58 | 34.14 | 46.34 | 48.00 | | | | 6.11 |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 2 | 13.23 | 32.84 | 15.76 | 72.60 | 17.61 | 2.99 | 54.99 | 6.98 |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 10 | 12.49 | 32.84 | | | 14.60 | 2.45 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 19 | 11.60 | 32.99 | | | 12.66 | 2.37 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 23 | 11.62 | 33.08 | | | 8.81 | 1.65 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 29 | 11.00 | 33.15 | | | 5.19 | 1.02 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 38 | 9.32 | 33.00 | | | | 0.61 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 71 | 8.69 | 33.73 | | | | 0.53 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 100 | 8.41 | 33.90 | | | 4.89 | 0.54 | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 150 | 7.93 | 33.98 | | | | | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 815 | 4.24 | 34.33 | | | | | | |
| W0009A | 9/11/00 | 4:12 | 33 | RR-06 | 42.50 | -125. | 1006 | 3.63 | 34.43 | | | | | | |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 1 | 14.91 | 32.60 | 9.40 | 70.00 | 10.96 | 1.80 | 59.04 | 7.17 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 10 | 12.31 | 32.61 | 11.10 | 69.10 | 9.28 | 1.41 | 59.82 | 7.55 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 18 | 9.21 | 32.72 | 14.70 | 64.40 | 6.46 | 1.00 | 57.94 | 6.59 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 20 | 9.10 | 32.74 | 16.42 | 68.50 | 5.22 | 0.70 | 63.28 | 7.83 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 30 | 8.99 | 32.92 | 28.17 | 59.10 | 5.38 | 0.85 | 53.72 | 8.65 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 40 | 9.53 | 33.29 | 27.17 | 58.50 | 8.52 | 1.30 | 49.98 | 7.71 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 50 | 9.35 | 33.47 | 29.66 | 57.50 | | 0.65 | | 8.18 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 70 | 8.81 | 33.77 | 35.78 | 51.90 | | 0.35 | | 7.85 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 100 | 8.32 | 33.93 | 39.22 | 50.30 | | | | 7.67 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 150 | 7.94 | 34.00 | 40.29 | 48.60 | | | | 7.16 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 830 | 4.18 | 34.34 | 48.15 | 44.90 | | | | 3.28 |
| W0009A | 9/11/00 | 2:15 | 32 | RR-07 | 42.50 | -125.2 | 1007 | 3.71 | 34.41 | 49.53 | 42.60 | | | | 4.28 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 2 | 9.77 | 33.74 | 33.86 | 65.10 | 8.00 | 1.70 | 57.10 | 5.21 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 5 | 9.63 | 33.74 | 33.77 | 63.00 | 7.10 | 1.29 | 55.90 | 5.48 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 10 | 9.51 | 33.76 | 34.37 | 69.20 | 7.56 | 1.39 | 61.64 | 5.88 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 15 | 9.45 | 33.77 | 34.50 | 64.40 | 7.14 | 1.20 | 57.26 | 6.28 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 20 | 9.52 | 33.76 | 35.00 | 62.40 | 7.52 | 1.20 | 54.88 | 6.47 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 25 | 9.51 | 33.76 | 35.22 | 60.50 | 7.47 | 1.20 | 53.03 | 6.31 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 30 | 9.48 | 33.76 | 35.11 | 61.50 | 6.79 | 1.33 | 54.71 | 5.42 |
| W0009A | 9/10/00 | 0:07 | 21 | CR-01 | 41.90 | -124.3 | 35 | 9.10 | 33.79 | 35.77 | 64.30 | 9.88 | 1.63 | 54.42 | 5.25 |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 1 | 10.29 | 33.64 | 27.40 | 64.50 | 7.11 | 1.32 | 57.39 | 6.34 |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 5 | 10.28 | 33.64 | | | 7.58 | 1.32 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 10 | 10.26 | 33.64 | | | 7.74 | 1.33 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 19 | 10.24 | 33.64 | | | 8.72 | 1.48 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 30 | 9.19 | 33.76 | | | 7.54 | 1.18 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 40 | 8.83 | 33.87 | | | 5.60 | 0.84 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 50 | 8.71 | 33.90 | | | 4.99 | 0.72 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 61 | 8.59 | 33.92 | | | 5.45 | 0.81 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 71 | 8.51 | 33.94 | | | 5.04 | 0.57 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 80 | 8.47 | 33.95 | | | 5.01 | 0.81 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 100 | 8.21 | 33.99 | | | 5.57 | 0.73 | | |
| W0009A | 9/10/00 | 3:12 | 23 | CR-03 | 41.90 | -124.5 | 129 | 8.03 | 34.01 | | | 6.02 | 0.84 | | |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 2 | 11.00 | 33.48 | 24.08 | 72.50 | 13.04 | 1.81 | 59.46 | 8.22 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 10 | 11.00 | 33.48 | 23.66 | 65.70 | 9.20 | 1.60 | 56.50 | 7.88 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 20 | 10.99 | 33.48 | 24.06 | 71.10 | 10.40 | 1.65 | 60.70 | 7.94 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 30 | 10.08 | 33.45 | 26.23 | 63.90 | 6.26 | 0.97 | 57.64 | 7.37 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 40 | 9.58 | 33.60 | 30.39 | 58.40 | 9.20 | 1.14 | 49.20 | 8.42 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 50 | 9.00 | 33.68 | 31.95 | | 5.05 | 0.64 | | 6.29 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 70 | 8.86 | 33.83 | 34.25 | 57.99 | | 0.54 | | 6.31 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.63 | 33.89 | 36.12 | 54.20 | 6.36 | 0.76 | 47.84 | 5.22 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 150 | 8.09 | 34.00 | 38.73 | 50.30 | | | | 5.58 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 320 | 6.60 | 34.07 | 41.28 | 46.10 | | | | 4.38 |
| W0009A | 9/10/00 | 5:09 | 24 | CR-04 | 41.90 | -124.6 | 444 | 5.69 | 34.07 | 43.65 | 46.13 | | | | 3.44 |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 2 | 11.08 | 33.40 | 22.38 | 60.60 | 10.06 | 1.77 | 50.54 | 7.87 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 4 | 11.07 | 33.41 | | | 8.92 | 1.65 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 10 | 10.87 | 33.49 | | | 7.39 | 1.65 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 19 | 10.74 | 33.52 | | | 6.78 | 1.46 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 30 | 9.66 | 33.49 | | | 6.52 | 1.11 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 40 | 9.27 | 33.53 | | | 5.90 | 0.54 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 51 | 9.12 | 33.56 | | | | 0.48 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 70 | 8.80 | 33.71 | | | 5.12 | 0.57 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 101 | 8.54 | 33.83 | | | | 0.40 | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 151 | 7.82 | 33.93 | | | | | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 500 | 5.39 | 34.12 | | | | | | |
| W0009A | 9/10/00 | 7:46 | 25 | CR-05 | 41.90 | -124.7 | 650 | 4.55 | 34.26 | | | | | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 1 | 12.61 | 33.05 | 14.70 | 70.10 | 12.68 | 2.36 | 57.42 | 6.19 |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 10 | 12.59 | 33.06 | | | 12.53 | 2.25 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 20 | 11.52 | 33.22 | | | 12.17 | 2.16 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 23 | 10.90 | 33.39 | | | 11.50 | 2.17 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 30 | 10.67 | 33.50 | | | 9.88 | 1.69 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 40 | 10.12 | 33.49 | | | 7.25 | 1.26 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 50 | 9.26 | 33.53 | | | | 0.67 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 70 | 9.14 | 33.72 | | | | 0.35 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 100 | 8.40 | 33.80 | | | | 0.31 | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 150 | 7.94 | 33.97 | | | | | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 500 | 5.07 | 34.15 | | | | | | |
| W0009A | 9/10/00 | 12:40 | 27 | CR-07 | 41.90 | -125. | 590 | 4.84 | 34.20 | | | | | | |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 1 | 13.92 | 32.86 | 11.17 | 75.70 | 9.40 | 1.65 | 66.30 | 7.10 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 10 | 12.59 | 32.92 | 13.22 | 79.50 | 10.27 | 2.03 | 69.23 | 6.69 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 20 | 12.16 | 33.05 | 16.94 | 74.00 | 11.42 | 2.02 | 62.58 | 7.59 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 25 | 11.58 | 33.10 | 18.59 | 70.20 | 7.50 | 1.49 | 62.70 | 7.82 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 30 | 11.37 | 33.12 | 18.88 | 67.70 | 7.75 | 1.52 | 59.95 | 7.41 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 40 | 11.26 | 33.21 | 19.49 | 71.30 | 6.70 | 1.20 | 64.60 | 7.71 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 50 | 11.22 | 33.32 | 21.25 | 70.61 | 8.38 | 1.53 | 62.23 | 7.72 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 70 | 10.23 | 33.40 | 24.65 | 67.50 | 6.24 | 0.96 | 61.26 | 7.01 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 100 | 9.05 | 33.68 | 31.10 | 52.90 | | 0.51 | | 5.50 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 150 | 8.29 | 33.88 | 34.68 | 48.10 | | | | 5.03 |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 830 | 4.05 | 34.37 | | 41.09 | | | | |
| W0009A | 9/10/00 | 16:10 | 29 | CR-09 | 41.90 | -125.4 | 1005 | 3.69 | 34.43 | | 38.34 | | | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 1 | 15.06 | 32.80 | 9.95 | 70.30 | 6.80 | 1.25 | 63.50 | 6.28 |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 10 | 14.91 | 32.84 | | | 7.95 | 1.65 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 20 | 14.68 | 32.94 | | | 7.12 | 1.38 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 30 | 11.05 | 33.10 | | | 5.93 | 1.38 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 34 | 10.08 | 33.28 | | | 10.22 | 2.42 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 40 | 9.73 | 33.40 | | | 5.27 | 0.77 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 50 | 9.65 | 33.52 | | | | 0.71 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 70 | 8.89 | 33.66 | | | | 0.52 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 100 | 8.40 | 33.82 | | | 4.94 | 0.53 | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 151 | 7.68 | 33.95 | | | | | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 630 | 4.51 | 34.24 | | | | | | |
| W0009A | 9/10/00 | 20:41 | 31 | CR-11 | 41.90 | -126. | 1004 | 3.60 | 34.43 | | | | | | |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 2 | 10.32 | 32.68 | 14.88 | 57.29 | | | | |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 5 | 10.33 | 32.68 | 16.49 | 55.86 | | | | |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 10 | 10.31 | 32.69 | 16.12 | 53.56 | 7.52 | 0.91 | 46.04 | 10.52 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 15 | 10.32 | 32.69 | 16.73 | 52.05 | 7.88 | 1.02 | 44.18 | 10.72 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 20 | 10.32 | 32.70 | 16.62 | 53.65 | 6.63 | 1.00 | 47.02 | 10.76 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 25 | 10.31 | 32.70 | 16.23 | 49.48 | 8.69 | 1.19 | 40.80 | 10.05 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 30 | 10.30 | 32.70 | 17.44 | 50.81 | 9.19 | 1.17 | 41.62 | 11.11 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 38 | 10.24 | 32.69 | 16.85 | 52.31 | 7.63 | 1.25 | 44.68 | 10.21 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 40 | 10.24 | 32.69 | 16.47 | 49.89 | 11.54 | 1.48 | 38.34 | 9.52 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 50 | 10.16 | 32.68 | 18.53 | 52.60 | 11.09 | 1.71 | 41.51 | 11.41 |
| W0101C | 1/27/01 | 21:20 | 3 | NH-05 | 44.65 | -124.18 | 51 | 10.16 | 32.68 | 19.24 | 52.04 | 11.08 | 1.62 | 40.96 | 10.37 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 1 | 10.51 | 32.71 | 15.86 | 58.41 | 6.85 | 0.90 | 51.57 | 10.53 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 5 | 10.51 | 32.71 | 15.11 | 54.43 | 7.65 | 0.81 | 46.78 | 9.73 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 10 | 10.51 | 32.71 | 15.06 | 55.76 | 10.07 | 0.90 | 45.69 | 9.81 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 20 | 10.49 | 32.71 | 14.61 | | 6.49 | 0.76 | | 9.46 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 29 | 10.49 | 32.71 | 15.28 | 51.60 | 8.00 | 0.82 | 43.60 | 9.89 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 40 | 10.53 | 32.76 | 16.14 | 50.05 | 5.01 | 0.63 | 45.04 | 9.82 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 45 | 10.34 | 32.86 | 19.32 | 45.96 | 5.36 | 0.81 | 40.60 | 10.21 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 50 | 10.27 | 32.90 | 20.37 | 45.34 | | | | |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 60 | 10.14 | 32.95 | 21.22 | 45.04 | 5.25 | 0.73 | 39.79 | 9.71 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 65 | 10.12 | 32.96 | 21.66 | 45.43 | 7.43 | 0.84 | 38.00 | 9.86 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 70 | 10.11 | 32.97 | 22.73 | 46.34 | 9.15 | 0.95 | 37.19 | 10.56 |
| W0101C | 1/28/01 | 0:52 | 5 | NH-15 | 44.65 | -124.41 | 86 | 10.02 | 33.02 | 22.88 | 48.89 | 8.04 | 0.85 | 40.84 | 10.00 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 1 | 10.38 | 32.72 | 13.29 | 52.17 | 7.27 | 1.02 | 44.90 | 7.31 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 10 | 10.38 | 32.72 | 12.66 | 53.58 | 8.80 | 1.22 | 44.78 | 6.36 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 15 | 10.35 | 32.71 | 13.31 | 50.36 | 7.28 | 1.02 | 43.08 | 7.26 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 20 | 10.35 | 32.71 | 13.29 | 49.79 | 6.35 | 0.94 | 43.44 | 7.27 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 30 | 10.30 | 32.70 | 13.53 | 52.19 | 5.70 | 0.99 | 46.49 | 7.36 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 37 | 10.30 | 32.70 | 13.29 | 54.22 | | 0.66 | | 7.43 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 50 | 10.29 | 32.70 | 16.31 | 48.78 | | 0.97 | | 10.08 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 71 | 10.22 | 32.75 | 17.58 | 45.69 | | 0.73 | | 10.08 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 100 | 8.99 | 33.35 | 29.69 | 42.77 | | 0.37 | | 9.79 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 151 | 8.73 | 33.68 | 34.22 | 41.97 | | | | 8.88 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 201 | 8.10 | 33.90 | 38.35 | 40.26 | | | | 7.54 |
| W0101C | 1/28/01 | 4:01 | 7 | NH-25 | 44.65 | -124.65 | 287 | 7.30 | 33.98 | 40.15 | 37.94 | | | | 5.90 |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 2 | 9.96 | 32.65 | 14.86 | | | 0.66 | | 8.57 |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 10 | 9.96 | 32.65 | | | | 0.60 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 20 | 9.97 | 32.65 | | | | 0.87 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 25 | 9.97 | 32.65 | | | | 0.88 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 31 | 9.97 | 32.65 | | | 8.42 | 0.77 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.97 | 32.65 | | | 4.89 | 0.74 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.97 | 32.65 | | | | 0.63 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 68 | 9.85 | 32.81 | | | 5.24 | 0.60 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 100 | 9.18 | 33.29 | | | 5.50 | 0.54 | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.52 | 33.64 | | | | | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 300 | 6.97 | 34.01 | | | | | | |
| W0101C | 1/28/01 | 7:27 | 8 | NH-35 | 44.65 | -124.88 | 426 | 6.18 | 34.04 | | | | | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 1 | | | | | 6.28 | 0.93 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 10 | 10.03 | 32.66 | 14.38 | | 6.94 | 0.84 | | 7.84 |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 20 | 10.05 | 32.67 | | | 6.65 | 0.96 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 25 | 10.03 | 32.66 | | | 7.13 | 0.88 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 30 | 10.05 | 32.66 | | | 7.24 | 0.85 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 40 | 10.09 | 32.67 | | | 4.89 | 0.79 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 50 | 10.11 | 32.68 | | | 5.07 | 0.63 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 70 | 10.08 | 32.68 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.91 | 33.17 | | | | 0.36 | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.45 | 33.67 | | | | | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 500 | 4.96 | 34.17 | | | | | | |
| W0101C | 1/28/01 | 12:37 | 9 | NH-45 | 44.65 | -125.12 | 624 | 4.55 | 34.24 | | | | | | |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 3 | 9.57 | 32.52 | 13.23 | | 4.87 | 0.34 | | 8.11 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 20 | 9.58 | 32.52 | 11.63 | | 6.06 | 0.68 | | 6.24 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 28 | 9.58 | 32.52 | 11.15 | | 4.71 | 0.55 | | 5.37 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 30 | 9.58 | 32.52 | 11.66 | | | 0.61 | | 6.09 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.58 | 32.52 | 11.40 | | 6.54 | 0.58 | | 5.37 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.58 | 32.52 | 11.36 | | 6.01 | 0.59 | | 5.94 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.61 | 32.76 | 18.23 | | | 0.49 | | 6.55 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 100 | 7.93 | 33.39 | 27.87 | | | 0.29 | | 5.33 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.80 | 33.89 | 33.93 | | | | | 4.00 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 870 | 3.90 | 34.34 | 46.91 | | | | | 1.81 |
| W0101C | 1/28/01 | 19:49 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.58 | 34.40 | 49.79 | | | | | 4.57 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 2 | 9.82 | 32.57 | 8.95 | | 16.21 | 2.11 | | 3.95 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 5 | 9.83 | 32.57 | 9.30 | | 18.31 | 2.25 | | 4.13 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.78 | 32.57 | 9.24 | | 15.50 | 1.86 | | 4.15 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 13 | 9.78 | 32.57 | 9.41 | | 14.19 | 2.00 | | 5.17 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.70 | 32.58 | 9.57 | | 9.71 | 1.54 | | 4.87 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 20 | 9.65 | 32.60 | 10.50 | | 8.49 | 1.31 | | 4.82 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 25 | 9.66 | 32.61 | 11.12 | | 6.29 | 0.93 | | 5.13 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 30 | 9.68 | 32.62 | 11.12 | | 6.97 | 1.20 | | 5.57 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 40 | 9.69 | 32.67 | 12.28 | | 10.67 | 1.37 | | 6.66 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 42 | 9.69 | 32.67 | 11.74 | | 7.93 | 1.31 | | 5.80 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 50 | 9.20 | 33.21 | 25.61 | | 7.22 | 0.99 | | 5.60 |
| W0103B | 3/20/01 | 21:02 | 3 | NH-05 | 44.65 | -124.18 | 55 | 9.09 | 33.31 | 28.69 | | 13.40 | 1.49 | | 7.04 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 1 | 9.71 | 32.71 | 12.53 | | 10.08 | 1.19 | | 6.36 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 5 | 9.71 | 32.71 | 12.72 | | 8.16 | 1.11 | | 6.85 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 10 | 9.70 | 32.71 | 13.32 | | 6.78 | 0.98 | | 7.59 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 20 | 9.70 | 32.71 | 12.53 | | 6.69 | 1.06 | | 6.78 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 23 | 9.70 | 32.71 | 12.62 | | 5.23 | 0.78 | | 7.18 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 31 | 9.68 | 32.72 | 12.49 | | 4.88 | 0.85 | | 6.04 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 40 | 9.66 | 32.72 | 13.21 | | 3.93 | 0.74 | | 6.30 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 49 | 9.54 | 32.82 | 14.57 | | | 0.45 | | 4.60 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 60 | 9.46 | 32.94 | 18.29 | | | 0.49 | | 3.03 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 70 | 9.29 | 33.19 | 24.82 | | 3.21 | 0.42 | | 6.31 |
| W0103B | 3/20/01 | 23:55 | 5 | NH-15 | 44.65 | -124.41 | 87 | 8.74 | 33.56 | 31.16 | | 2.96 | 0.41 | | 6.52 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 2 | 9.64 | 32.70 | 12.08 | 56.09 | 4.48 | 0.75 | 51.61 | 6.72 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 10 | 9.64 | 32.70 | 12.45 | 54.57 | 4.36 | 0.73 | 50.21 | 7.02 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 20 | 9.65 | 32.70 | 14.93 | 55.50 | 4.15 | 0.65 | 51.35 | 9.87 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.65 | 32.70 | 12.62 | 54.40 | 4.19 | 0.68 | 50.21 | 7.30 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 41 | 9.63 | 32.70 | 12.36 | 51.10 | 3.07 | 0.55 | 48.03 | 6.96 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 44 | 9.63 | 32.70 | 12.49 | 48.66 | 3.58 | 0.71 | 45.08 | 6.87 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 51 | 9.60 | 32.70 | 12.72 | 48.35 | 2.93 | 0.59 | 45.42 | 7.24 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 71 | 9.30 | 33.13 | 23.00 | 41.29 | | 0.24 | | 8.34 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 101 | 8.52 | 33.63 | 32.58 | 40.89 | | 0.20 | | 6.68 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.94 | 33.89 | 36.48 | | | 0.29 | | 5.09 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.30 | 33.98 | 39.95 | | | | | 5.74 |
| W0103B | 3/21/01 | 3:24 | 7 | NH-25 | 44.65 | -124.65 | 281 | 6.20 | 34.04 | 41.42 | | | | | 6.00 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 3 | 9.88 | 32.78 | 11.55 | 61.12 | 4.90 | 0.83 | 56.22 | 6.35 |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 10 | 9.88 | 32.78 | | | 4.88 | 0.80 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 20 | 9.88 | 32.78 | | | 4.85 | 0.78 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.88 | 32.78 | | | 3.57 | 0.84 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 40 | 9.88 | 32.78 | | | 4.47 | 0.82 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.87 | 32.79 | | | 4.04 | 0.67 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 70 | 9.57 | 32.99 | | | 3.25 | 0.44 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.71 | 33.51 | | | | 0.28 | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.14 | 33.87 | | | | | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 410 | 5.58 | 34.08 | | | | | | |
| W0103B | 3/21/01 | 7:18 | 8 | NH-35 | 44.65 | -124.88 | 440 | 5.53 | 34.09 | | | | | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 2 | 9.93 | 32.81 | 11.03 | 53.94 | 2.75 | 0.44 | 51.20 | 5.31 |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 10 | 9.94 | 32.81 | | | | 0.45 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 20 | 9.94 | 32.81 | | | | 0.44 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 30 | 9.94 | 32.81 | | | | 0.44 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.94 | 32.82 | | | 3.01 | 0.44 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 45 | 9.94 | 32.82 | | | 3.77 | 0.63 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 50 | 9.87 | 32.86 | | | 3.32 | 0.49 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.10 | 33.34 | | | | 0.24 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.66 | 33.61 | | | | 0.34 | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.39 | 33.77 | | | | | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.44 | 34.10 | | | | | | |
| W0103B | 3/21/01 | 14:30 | 9 | NH-45 | 44.65 | -125.12 | 615 | 4.78 | 34.19 | | | | | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 2 | 9.80 | 32.78 | 12.52 | 58.69 | 4.97 | 0.63 | 53.71 | 6.14 |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 10 | 9.79 | 32.78 | | | 2.88 | 0.56 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 20 | 9.79 | 32.78 | | | | 0.49 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 30 | 9.80 | 32.78 | | | | 0.51 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 35 | 9.79 | 32.78 | | | 2.92 | 0.47 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 40 | 9.78 | 32.78 | | | 4.07 | 0.47 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 50 | 9.77 | 32.78 | | | | 0.45 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 65 | 9.77 | 32.79 | | | | 0.46 | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.46 | 33.65 | | | | | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 150 | 7.96 | 33.91 | | | | | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 916 | 3.86 | 34.39 | | | | | | |
| W0103B | 3/21/01 | 19:43 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.65 | 34.41 | | | | | | |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 2 | 9.34 | 32.64 | 12.89 | 54.09 | 3.22 | 0.44 | 50.87 | 7.55 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 10 | 9.34 | 32.64 | 12.94 | 53.90 | 2.92 | 0.44 | 50.97 | 7.65 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 20 | 9.33 | 32.64 | 12.82 | 60.23 | 2.84 | 0.55 | 57.39 | 7.34 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 30 | 9.33 | 32.64 | 12.71 | 55.80 | | 0.49 | | 6.98 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.32 | 32.64 | 13.33 | 55.40 | 2.98 | 0.53 | 52.42 | 7.87 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.30 | 32.64 | 12.84 | 53.80 | 3.47 | 0.54 | 50.33 | 7.31 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 53 | 9.29 | 32.64 | 12.79 | 59.83 | 2.74 | 0.49 | 57.09 | 7.28 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.24 | 32.69 | 14.73 | 56.42 | | 0.33 | | 8.08 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.23 | 33.27 | | 47.80 | | 0.24 | | |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.91 | 33.80 | 34.70 | 47.55 | | 0.21 | | 5.56 |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 920 | 3.81 | 34.36 | | 37.21 | | | | |
| W0103B | 3/21/01 | 22:53 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.60 | 34.40 | | 34.81 | | 0.21 | | |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 2 | 10.05 | 32.62 | 14.51 | 76.70 | | | | |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 6 | 10.04 | 32.63 | 14.27 | 63.07 | 11.66 | 1.79 | 51.41 | 8.39 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 10 | 10.00 | 32.65 | 13.73 | 65.96 | 10.35 | 1.59 | 55.61 | 7.21 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 15 | 9.72 | 32.83 | 19.68 | 57.10 | 7.06 | 1.13 | 50.04 | 8.25 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 17 | 9.41 | 33.05 | 24.62 | | 5.67 | 1.02 | | 8.75 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 20 | 9.38 | 33.07 | 25.15 | | 6.10 | 0.92 | | 7.45 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 25 | 9.18 | 33.22 | 27.33 | | 4.56 | 0.73 | | 6.73 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 30 | 8.95 | 33.39 | 30.38 | | 3.23 | 0.58 | | 7.58 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 40 | 8.51 | 33.66 | 38.05 | | | 0.30 | | 9.31 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 50 | 8.27 | 33.73 | 36.49 | | 2.84 | 0.27 | | 8.05 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 56 | 8.05 | 33.78 | 37.80 | | 2.75 | 0.32 | | 7.35 |
| W0103B | 3/23/01 | 23:22 | 26 | FM-03 | 43.22 | -124.5 | 59 | 8.03 | 33.79 | 38.01 | | 2.84 | 0.32 | | 9.01 |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 1 | 10.07 | 32.51 | 11.41 | 86.80 | 13.83 | 1.70 | 72.97 | 7.99 |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 5 | 10.07 | 32.51 | | | 12.98 | 1.71 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 10 | 10.07 | 32.51 | | | 13.81 | 1.81 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 15 | 10.04 | 32.54 | | | 14.39 | 1.83 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 20 | 9.93 | 32.59 | | | 8.74 | 1.47 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 30 | 9.82 | 32.78 | | | 3.77 | 0.61 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 40 | 9.75 | 32.90 | | | | 0.51 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 50 | 9.31 | 33.24 | | | | 0.33 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 60 | 9.12 | 33.37 | | | | 0.23 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 65 | 9.12 | 33.38 | | | | 0.29 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 70 | 9.08 | 33.40 | | | | 0.34 | | |
| W0103B | 3/24/01 | 0:58 | 27 | FM-04 | 43.22 | -124.58 | 80 | 8.06 | 33.78 | | | | 0.35 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 2 | 10.09 | 32.74 | 9.92 | 63.35 | 6.70 | 1.06 | 56.65 | 7.47 |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 10 | 10.09 | 32.74 | | | 6.62 | 1.06 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 20 | 10.09 | 32.74 | | | 6.49 | 1.15 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 30 | 10.07 | 32.74 | | | 5.98 | 1.05 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 40 | 9.92 | 32.81 | | | 6.06 | 0.90 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 50 | 9.72 | 32.95 | | | 3.09 | 0.48 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 60 | 9.25 | 33.30 | | | 3.46 | 0.60 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 70 | 9.18 | 33.34 | | | | 0.45 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 100 | 8.23 | 33.73 | | | | 0.36 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 120 | 7.75 | 33.92 | | | 3.25 | 0.55 | | |
| W0103B | 3/24/01 | 2:39 | 28 | FM-05 | 43.22 | -124.67 | 150 | 7.65 | 33.94 | | | 3.45 | 0.45 | | |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 1 | 10.11 | 32.81 | 12.66 | | 3.73 | 0.70 | | 8.67 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 10 | 10.11 | 32.81 | 14.04 | | 3.19 | 0.65 | | 9.14 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 20 | 10.11 | 32.81 | 13.82 | | 3.48 | 0.76 | | 9.85 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 24 | 10.11 | 32.81 | 13.82 | | 3.36 | 0.62 | | 9.58 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 30 | 10.08 | 32.81 | 14.37 | | 3.26 | 0.62 | | 9.82 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 40 | 10.03 | 32.83 | 14.04 | | 3.25 | 0.59 | | 7.98 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 50 | 9.97 | 32.90 | 17.61 | | | 0.48 | | 10.68 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 71 | 9.38 | 33.23 | 27.05 | | | 0.39 | | 13.24 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 100 | 8.88 | 33.54 | 33.49 | | | 0.22 | | 12.53 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 151 | 8.21 | 33.87 | 38.64 | 47.45 | | 0.39 | | 11.97 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 230 | 7.11 | 34.00 | 41.80 | 45.22 | | | | 12.29 |
| W0103B | 3/24/01 | 6:15 | 30 | FM-07 | 43.22 | -124.83 | 330 | 5.94 | 34.06 | 46.93 | 45.87 | | | | 10.00 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 2 | 9.46 | 33.04 | 24.15 | 61.80 | 5.77 | 1.04 | 56.03 | 9.25 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 5 | 9.46 | 33.06 | 23.41 | 65.80 | 6.28 | 1.14 | 59.52 | 8.06 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 10 | 9.42 | 33.10 | 25.52 | 59.70 | 6.11 | 1.17 | 53.59 | 10.34 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 15 | 9.26 | 33.18 | 29.15 | 57.30 | 7.91 | 1.47 | 49.39 | 11.42 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 20 | 9.12 | 33.33 | 29.47 | 58.50 | 6.76 | 1.19 | 51.74 | 10.33 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 25 | 8.94 | 33.43 | 31.00 | 49.70 | 5.30 | 0.92 | 44.40 | 10.30 |
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 30 | 8.47 | 33.73 | 35.29 | 47.80 | 4.57 | 0.60 | 43.23 | 9.04 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0103B | 3/23/01 | 14:35 | 22 | RR-01 | 42.50 | -124.5 | 32 | 8.45 | 33.74 | 34.60 | 46.40 | 2.84 | 0.49 | 43.56 | 7.47 |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 1 | 9.98 | 32.77 | 11.03 | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 5 | 9.98 | 32.77 | | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 10 | 9.98 | 32.76 | | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 17 | 9.73 | 32.91 | | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 20 | 9.61 | 32.98 | | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 30 | 8.96 | 33.45 | | | | | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 40 | 8.79 | 33.60 | | | | 0.40 | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 50 | 8.59 | 33.66 | | | | 0.37 | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 60 | 8.38 | 33.74 | | | | 0.41 | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 70 | 8.16 | 33.88 | | | | 0.42 | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 73 | 8.14 | 33.89 | | | | 0.38 | | |
| W0103B | 3/23/01 | 15:49 | 23 | RR-02 | 42.50 | -124.6 | 80 | 8.12 | 33.89 | | | | 0.36 | | |
| W0103B | 3/23/01 | 17:35 | 24 | RR-03 | 42.50 | -124.7 | 1 | 9.98 | 32.76 | 11.48 | | 5.17 | 0.92 | | 8.49 |
| W0103B | 3/23/01 | 17:35 | 24 | RR-03 | 42.50 | -124.7 | 5 | 9.98 | 32.76 | | | 7.73 | 1.10 | | |
| W0103B | 3/23/01 | 17:35 | 24 | RR-03 | 42.50 | -124.7 | 10 | 9.98 | 32.76 | | | 5.02 | 0.92 | | |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 1 | 9.59 | 33.28 | 24.73 | 51.39 | 9.15 | 1.69 | 42.24 | 8.40 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 6 | 9.55 | 33.29 | 25.76 | 56.08 | 8.37 | 1.43 | 47.71 | 9.46 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 7 | 9.30 | 33.37 | 26.72 | 55.03 | 6.46 | 1.18 | 48.58 | 8.57 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 10 | 9.11 | 33.44 | 29.56 | 50.20 | 5.96 | 0.71 | 44.24 | 8.63 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 15 | 8.91 | 33.55 | 30.79 | 49.10 | 4.34 | 0.53 | 44.76 | 7.20 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 19 | 8.80 | 33.63 | 32.10 | 50.01 | 3.81 | 0.47 | 46.20 | 6.81 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 25 | 8.75 | 33.70 | 34.14 | 53.90 | 4.83 | 0.65 | 49.06 | 7.83 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 30 | 8.74 | 33.71 | 33.44 | 52.28 | 5.57 | 0.66 | 46.71 | 6.87 |
| W0103B | 3/22/01 | 15:25 | 13 | CR-01 | 41.90 | -124.3 | 35 | 8.73 | 33.71 | 33.39 | 55.70 | 6.15 | 0.73 | 49.55 | 7.01 |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 1 | 9.75 | 32.93 | 15.46 | 70.80 | 5.14 | 0.94 | 65.67 | 7.34 |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 5 | 9.74 | 32.93 | | | 5.84 | 0.92 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 10 | 9.73 | 32.93 | | | 4.84 | 0.84 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 16 | 9.68 | 32.98 | | | 5.32 | 1.00 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 20 | 9.68 | 32.99 | | | | | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 30 | 9.63 | 33.06 | | | | | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 40 | 9.53 | 33.12 | | | 2.76 | 0.55 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 50 | 9.39 | 33.29 | | | | 0.36 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 60 | 9.14 | 33.44 | | | | 0.34 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 69 | 8.87 | 33.55 | | | 3.03 | 0.44 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 100 | 8.21 | 33.88 | | | 3.86 | 0.58 | | |
| W0103B | 3/22/01 | 18:19 | 15 | CR-03 | 41.90 | -124.5 | 131 | 7.70 | 33.98 | | | 3.21 | 0.40 | | |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 2 | 10.01 | 32.81 | 12.50 | | 6.63 | 1.15 | | 7.64 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 10 | 9.94 | 32.82 | 12.97 | | 6.27 | 1.21 | | 7.31 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 20 | 9.93 | 32.82 | 12.24 | | 4.97 | 0.98 | | 6.70 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 22 | 9.93 | 32.82 | 13.10 | | 6.96 | 1.14 | | 7.22 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 30 | 9.92 | 32.84 | 14.42 | | 5.88 | 0.97 | | 9.48 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 40 | 9.92 | 32.89 | 15.63 | | 5.81 | 0.92 | | 9.07 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 50 | 9.92 | 33.04 | 18.78 | 59.49 | 4.07 | 0.62 | 55.41 | 7.73 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 70 | 9.50 | 33.29 | 25.12 | 51.40 | | 0.44 | | 7.99 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 100 | 8.92 | 33.60 | 31.95 | 48.70 | | 0.31 | | 7.54 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 150 | 8.15 | 33.92 | 37.34 | 47.27 | | | | 6.83 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 395 | 5.68 | 34.10 | 44.21 | 43.40 | | | | 3.54 |
| W0103B | 3/22/01 | 20:09 | 16 | CR-04 | 41.90 | -124.6 | 450 | 5.42 | 34.13 | 44.97 | 42.80 | | | | 3.58 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 2 | 10.25 | 32.81 | 12.08 | | 5.10 | 0.79 | | 7.37 |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 10 | 10.21 | 32.81 | | | 5.49 | 0.75 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 11 | 10.18 | 32.81 | | | 3.73 | 0.73 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 20 | 10.15 | 32.81 | | | 4.72 | 0.86 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 30 | 10.14 | 32.81 | | | | | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 40 | 10.13 | 32.82 | | | 5.16 | 0.79 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 50 | 10.10 | 32.83 | | | | 0.56 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 70 | 9.83 | 33.30 | | | | | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 100 | 9.02 | 33.64 | | | | 0.25 | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 150 | 8.39 | 33.89 | | | | | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 500 | 5.29 | 34.15 | | | | | | |
| W0103B | 3/22/01 | 23:11 | 17 | CR-05 | 41.90 | -124.7 | 633 | 4.69 | 34.26 | | | | | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 2 | 10.35 | 33.04 | 14.54 | | 4.14 | 0.87 | | 7.09 |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 10 | 10.36 | 33.04 | | | 5.09 | 0.93 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 20 | 10.31 | 33.04 | | | 5.84 | 0.91 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 25 | 10.30 | 33.04 | | | 4.24 | 0.81 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 30 | 10.30 | 33.04 | | | 4.21 | 0.76 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 40 | 10.30 | 33.04 | | | 3.98 | 0.66 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 50 | 10.28 | 33.04 | | | 5.89 | 0.74 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 70 | 10.11 | 33.09 | | | 3.34 | 0.38 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 100 | 8.96 | 33.58 | | | 4.46 | 0.30 | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 151 | 8.19 | 33.92 | | | | | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 500 | 5.52 | 34.17 | | | | | | |
| W0103B | 3/23/01 | 3:53 | 19 | CR-07 | 41.90 | -125. | 798 | 4.17 | 34.35 | | | | | | |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 3 | 10.31 | 33.01 | 14.30 | 57.30 | 3.67 | 0.86 | 53.63 | 7.03 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 10 | 10.31 | 33.01 | 14.32 | 61.10 | 5.04 | 0.91 | 56.06 | 6.66 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 20 | 10.35 | 33.03 | 14.52 | 63.60 | 3.87 | 0.79 | 59.73 | 7.24 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 25 | 10.34 | 33.03 | 13.65 | 60.00 | 4.24 | 0.89 | 55.76 | 6.41 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 29 | 10.37 | 33.04 | 14.22 | 62.90 | 4.15 | 0.93 | 58.75 | 6.55 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 41 | 10.36 | 33.04 | 14.45 | 62.20 | 4.52 | 0.84 | 57.68 | 7.23 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 50 | 10.35 | 33.04 | 14.48 | 63.20 | 4.13 | 0.84 | 59.07 | 6.03 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 70 | 10.02 | 33.10 | 17.75 | 56.00 | | 0.51 | | 6.64 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 100 | 8.77 | 33.74 | 32.42 | 51.30 | | 0.40 | | 4.86 |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 150 | 8.08 | 33.93 | 36.69 | 53.00 | | 0.37 | | |
| W0103B | 3/23/01 | 7:56 | 21 | CR-09 | 41.90 | -125.4 | 1005 | 3.71 | 34.41 | 46.65 | | | | | |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 1 | 9.00 | 33.49 | 37.06 | 67.12 | 15.04 | 2.35 | 52.08 | 9.68 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 5 | 8.97 | 33.49 | 38.24 | 71.39 | 19.69 | 2.87 | 51.70 | 9.67 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 15 | 8.46 | 33.56 | 38.54 | 56.30 | 12.59 | 2.14 | 43.71 | 6.21 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 20 | 7.79 | 33.66 | 40.31 | 43.57 | 4.89 | 0.73 | 38.68 | 7.19 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 25 | 7.55 | 33.78 | 38.74 | 45.10 | 3.06 | 0.44 | 42.04 | 4.44 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 30 | 7.46 | 33.84 | 39.16 | 39.70 | 3.31 | 0.38 | 36.39 | 5.02 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.22 | 33.94 | 40.20 | 41.30 | 6.89 | 0.55 | 34.41 | 5.28 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.22 | 33.94 | 40.64 | 38.10 | 3.63 | 0.53 | 34.47 | 3.36 |
| W0107A | 7/6/01 | 20:21 | 3 | NH-05 | 44.65 | -124.18 | 56 | 7.22 | 33.94 | 40.43 | 37.70 | 2.99 | 0.41 | 34.71 | 3.26 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 1 | 10.72 | 32.47 | 24.82 | 61.23 | 11.87 | 1.94 | 49.37 | 10.09 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 5 | 10.65 | 32.48 | 24.07 | 66.40 | 12.74 | 1.99 | 53.66 | 8.40 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 10 | 9.69 | 32.71 | 31.32 | 72.03 | 31.16 | 4.41 | 40.87 | 8.35 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 12 | 9.43 | 32.79 | 32.76 | 68.30 | 18.91 | 2.94 | 49.39 | 9.12 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 20 | 9.15 | 32.99 | 34.99 | 61.60 | 14.96 | 2.54 | 46.64 | 9.04 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 24 | 9.12 | 33.00 | 36.10 | 64.70 | 14.18 | 2.51 | 50.52 | 9.90 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.35 | 33.01 | 32.60 | 51.80 | 5.56 | 0.85 | 46.24 | 8.01 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 40 | 8.01 | 33.16 | 33.26 | 46.90 | 2.85 | 0.40 | 44.05 | 8.11 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 50 | 7.97 | 33.29 | 34.58 | 45.12 | | 0.33 | | 7.39 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.83 | 33.48 | 36.79 | 45.09 | 2.91 | 0.43 | 42.17 | 5.19 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 69 | 7.78 | 33.70 | 36.49 | 46.69 | | 0.31 | | 4.46 |
| W0107A | 7/6/01 | 23:33 | 5 | NH-15 | 44.65 | -124.41 | 86 | 7.36 | 33.90 | 40.64 | 44.30 | | 0.34 | | 4.94 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 2 | 11.55 | 32.41 | 20.63 | 75.43 | 14.81 | 2.17 | 60.62 | 11.67 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 10 | 11.53 | 32.41 | 22.21 | 71.80 | 14.21 | 2.13 | 57.59 | 12.94 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 15 | 11.43 | 32.42 | 20.51 | 72.47 | 12.69 | 1.93 | 59.79 | 12.93 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 20 | 11.07 | 32.41 | 17.07 | 66.84 | 9.55 | 1.45 | 57.30 | 10.80 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.52 | 32.43 | 12.78 | 70.10 | | 0.43 | | 8.92 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 40 | 8.96 | 32.50 | 14.90 | 64.42 | | 0.46 | | 9.92 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.53 | 32.55 | 23.26 | 61.67 | 2.94 | 0.42 | 58.73 | 10.38 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.24 | 33.05 | 29.29 | 53.74 | | | | 7.95 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 100 | 8.00 | 33.67 | 38.17 | 46.20 | | 0.22 | | 7.81 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.33 | 33.93 | 42.60 | 46.90 | | | | 7.17 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 200 | 6.56 | 34.01 | 43.87 | 46.88 | | | | 5.17 |
| W0107A | 7/7/01 | 3:09 | 7 | NH-25 | 44.65 | -124.65 | 285 | 6.25 | 34.04 | 44.44 | 47.28 | | | | 4.93 |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 1 | 14.35 | 32.18 | 10.71 | 85.71 | 16.91 | 2.29 | 68.80 | 7.43 |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 10 | 14.34 | 32.18 | | | 13.84 | 1.98 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 20 | 14.31 | 32.18 | | | 11.24 | 1.78 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 30 | 13.04 | 32.23 | | | 7.20 | 0.97 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 40 | 10.56 | 32.48 | | | 9.68 | 1.50 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.28 | 32.51 | | | 6.45 | 1.17 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 55 | 9.15 | 32.53 | | | 6.68 | 1.11 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.56 | 32.74 | | | 4.41 | 0.64 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.33 | 33.49 | | | | 0.25 | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 150 | 7.81 | 33.88 | | | | | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 220 | 6.57 | 34.01 | | | | | | |
| W0107A | 7/7/01 | 6:34 | 8 | NH-35 | 44.65 | -124.88 | 435 | 5.68 | 34.10 | | | | | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 3 | 14.65 | 31.95 | 8.44 | 81.08 | 3.74 | 0.61 | 77.35 | 7.59 |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 10 | 14.66 | 31.95 | | | 2.77 | 0.51 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 20 | 14.65 | 31.96 | | | | 0.52 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 30 | 14.65 | 31.97 | | | 2.77 | 0.50 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 40 | 11.64 | 32.39 | | | | 0.51 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 49 | 10.42 | 32.53 | | | | 0.55 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 55 | 9.94 | 32.58 | | | 3.66 | 0.67 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 70 | 9.01 | 32.80 | | | | 0.43 | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.51 | 33.40 | | | | | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.94 | 33.86 | | | | | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.35 | 34.14 | | | | | | |
| W0107A | 7/7/01 | 10:00 | 9 | NH-45 | 44.65 | -125.12 | 643 | 4.71 | 34.24 | | | | | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 2 | 15.30 | 31.39 | 7.96 | 75.00 | 5.72 | 0.84 | 69.28 | 7.10 |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 10 | 15.29 | 31.41 | | | 6.29 | 1.01 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 20 | 14.59 | 31.96 | | | 5.29 | 0.94 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 30 | 13.43 | 32.20 | | | 5.62 | 0.84 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 40 | 11.67 | 32.50 | | | 5.18 | 0.86 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 50 | 10.83 | 32.53 | | | 8.39 | 1.31 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 56 | 9.97 | 32.60 | | | 6.21 | 1.13 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 71 | 9.24 | 32.73 | | | 4.25 | 0.62 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.59 | 33.21 | | | 7.38 | 0.72 | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.09 | 33.80 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 230 | 7.22 | 33.99 | | | | | | |
| W0107A | 7/7/01 | 15:32 | 11 | NH-65 | 44.65 | -125.6 | 1000 | 3.60 | 34.40 | | | | | | |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 2 | 15.63 | 31.44 | 7.10 | 74.76 | 5.32 | 0.82 | 69.43 | 5.88 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 10 | 15.56 | 31.49 | 7.49 | 80.69 | 6.28 | 1.08 | 74.42 | 6.26 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 20 | 15.00 | 32.06 | 7.49 | 69.83 | 7.07 | 1.10 | 62.76 | 6.16 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 30 | 12.72 | 32.44 | 7.78 | 68.90 | 7.99 | 1.08 | 60.91 | 5.64 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 40 | 11.57 | 32.53 | 8.11 | 65.83 | 9.33 | 1.38 | 56.50 | 6.64 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 50 | 10.61 | 32.53 | 8.91 | 68.19 | 11.01 | 1.74 | 57.18 | 6.84 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 59 | 10.07 | 32.57 | 13.72 | 61.75 | 6.64 | 1.13 | 55.11 | 8.65 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 70 | 9.48 | 32.60 | 16.49 | 60.91 | 5.03 | 0.74 | 55.88 | 9.08 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 101 | 8.72 | 32.96 | 28.32 | 55.63 | 2.89 | 0.46 | 52.74 | 7.20 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 150 | 8.13 | 33.73 | 37.65 | 47.06 | | | | 6.08 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 366 | 5.78 | 34.04 | 44.44 | 44.68 | | | | 1.99 |
| W0107A | 7/7/01 | 18:19 | 12 | NH-85 | 44.65 | -126.05 | 1004 | 3.66 | 34.41 | | 41.27 | | | | |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 2 | 14.50 | 32.29 | 21.77 | 96.80 | 21.73 | 3.24 | 75.07 | 17.55 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 4 | 13.65 | 32.36 | 21.99 | 97.51 | 22.42 | 3.56 | 75.10 | 16.32 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 5 | 13.97 | 32.33 | 19.68 | 92.10 | 26.52 | 3.87 | 65.58 | 13.31 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 11 | 11.40 | 32.58 | 30.80 | 71.80 | 20.86 | 3.32 | 50.94 | 16.13 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.00 | 32.89 | 36.80 | 65.50 | 13.25 | 2.06 | 52.25 | 13.48 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 20 | 8.97 | 32.93 | 37.30 | 59.20 | 9.79 | 1.53 | 49.41 | 14.34 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 24 | 10.06 | 33.39 | 39.97 | 61.73 | 9.30 | 1.45 | 52.43 | 19.72 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 30 | 8.52 | 33.54 | 44.38 | 59.55 | 7.60 | 1.16 | 51.94 | 21.50 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.76 | 33.70 | 46.43 | 54.10 | 9.83 | 1.35 | 44.27 | 18.18 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 47 | 7.66 | 33.78 | 45.98 | 56.83 | 15.06 | 2.11 | 41.77 | 15.85 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.61 | 33.80 | 45.00 | 59.47 | 14.47 | 2.24 | 45.01 | 16.15 |
| W0109A | 9/4/01 | 19:51 | 3 | NH-05 | 44.65 | -124.18 | 55 | 7.58 | 33.81 | 46.58 | 60.30 | 20.26 | 2.57 | 40.04 | 13.79 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 2 | 15.37 | 32.18 | 10.59 | 94.40 | 21.27 | 2.93 | 73.13 | 7.35 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 6 | 15.33 | 32.17 | 11.31 | 96.24 | 21.50 | 2.74 | 74.74 | 8.22 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 11 | 15.15 | 32.18 | 12.47 | 93.93 | 25.39 | 3.39 | 68.54 | 8.70 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 12 | 15.03 | 32.19 | 13.78 | 94.15 | 20.61 | 4.22 | 73.54 | 9.20 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 20 | 13.25 | 32.46 | 20.84 | 84.52 | 17.72 | 3.99 | 66.81 | 11.26 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 30 | 11.03 | 33.10 | 28.12 | 61.63 | 9.97 | 2.49 | 51.66 | 13.54 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 41 | 10.57 | 33.12 | 38.21 | 61.49 | 12.91 | 2.48 | 48.59 | 21.15 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.88 | 33.45 | 39.62 | 53.83 | 9.40 | 1.89 | 44.43 | 11.45 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.85 | 33.62 | 38.89 | 55.49 | 8.54 | 1.34 | 46.95 | 10.61 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 71 | 7.93 | 33.80 | 40.39 | 48.70 | 6.08 | 1.09 | 42.62 | 12.62 |
| W0109A | 9/4/01 | 21:52 | 5 | NH-15 | 44.65 | -124.41 | 85 | 7.69 | 33.84 | 42.63 | 49.70 | 8.28 | 1.48 | 41.42 | 8.51 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 1 | 15.49 | 32.19 | 12.47 | 79.21 | 18.94 | 3.04 | 60.27 | 9.29 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 10 | 15.47 | 32.20 | 12.85 | 81.07 | 19.47 | 3.16 | 61.59 | 9.46 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 12 | 15.45 | 32.20 | 12.67 | 82.15 | 20.58 | 3.36 | 61.57 | 8.99 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 21 | 15.01 | 32.39 | 13.64 | 82.90 | 25.22 | 3.74 | 57.67 | 9.16 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 30 | 11.71 | 32.92 | 24.15 | 62.71 | 8.79 | 1.78 | 53.92 | 14.33 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 40 | 10.82 | 33.09 | 28.68 | 59.54 | 6.53 | 1.26 | 53.02 | 14.77 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.23 | 33.27 | 34.87 | 57.94 | 5.03 | 0.94 | 52.91 | 12.43 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 70 | 7.89 | 33.47 | 35.94 | 50.42 | | 0.58 | | 8.08 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 100 | 7.79 | 33.88 | 39.84 | 48.70 | | 0.33 | | 8.62 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.41 | 33.97 | 41.70 | 42.20 | | | | 6.70 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 201 | 7.14 | 34.01 | 42.21 | 45.59 | | | | 6.12 |
| W0109A | 9/4/01 | 23:57 | 7 | NH-25 | 44.65 | -124.65 | 251 | 6.98 | 34.02 | 43.91 | 44.50 | | | | 8.34 |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 2 | 16.58 | 32.17 | 12.38 | 70.28 | 12.15 | 1.83 | 58.13 | 10.50 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 10 | 16.05 | 32.18 | | | 13.95 | 2.08 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 19 | 10.66 | 32.48 | | | 13.37 | 2.18 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 19 | 10.23 | 32.49 | | | 11.60 | 1.98 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 30 | 8.20 | 32.63 | | | 4.59 | 0.69 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 49 | 7.84 | 32.89 | | | 4.49 | 0.45 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 69 | 7.88 | 33.29 | | | 4.50 | 0.55 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 100 | 7.83 | 33.82 | | | 5.31 | 0.47 | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 151 | 7.46 | 33.98 | | | | | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 175 | 7.37 | 33.98 | | | | | | |
| W0109A | 9/5/01 | 1:37 | 8 | NH-35 | 44.65 | -124.88 | 421 | 6.15 | 34.06 | | | | | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 3 | 16.86 | 32.02 | 11.32 | 68.46 | 9.25 | 1.20 | 59.21 | 9.96 |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 10 | 16.51 | 32.03 | | | 7.42 | 1.31 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 20 | 14.34 | 32.13 | | | 10.26 | 1.96 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 25 | 11.72 | 32.31 | | | 9.42 | 1.76 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 30 | 10.46 | 32.42 | | | 8.35 | 1.54 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.38 | 32.53 | | | 6.10 | 1.08 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 50 | 8.10 | 32.86 | | | 4.16 | 0.52 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.06 | 33.29 | | | | 0.41 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 99 | 8.03 | 33.67 | | | | 0.36 | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.64 | 33.93 | | | | | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 231 | 6.78 | 33.99 | | | | | | |
| W0109A | 9/5/01 | 19:21 | 9 | NH-45 | 44.65 | -125.12 | 501 | 5.10 | 34.14 | | | | | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 1 | 16.74 | 32.19 | 10.90 | 68.66 | 6.85 | 1.19 | 61.81 | 9.58 |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 9 | 16.71 | 32.18 | | | 7.86 | 1.19 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 21 | 9.54 | 32.47 | | | 8.77 | 1.67 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 30 | 8.94 | 32.51 | | | 7.25 | 1.21 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 35 | 8.60 | 32.53 | | | 6.19 | 0.97 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 40 | 8.44 | 32.53 | | | 4.82 | 0.85 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 50 | 8.10 | 32.56 | | | 4.30 | 0.74 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 70 | 8.08 | 33.05 | | | 3.25 | 0.40 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.05 | 33.68 | | | 2.54 | 0.33 | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 150 | 7.61 | 33.94 | | | | | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 790 | 4.20 | 34.31 | | | | | | |
| W0109A | 9/6/01 | 1:18 | 11 | NH-65 | 44.65 | -125.6 | 1006 | 3.71 | 34.41 | | | | | | |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 10 | 17.12 | 31.83 | 11.02 | 72.23 | 3.53 | 0.53 | 68.70 | 10.38 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 21 | 16.43 | 32.11 | 9.37 | 66.21 | 9.34 | 1.67 | 56.87 | 7.58 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 31 | 12.70 | 32.39 | 9.14 | 66.15 | 7.10 | 1.16 | 59.05 | 7.87 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 40 | 11.08 | 32.45 | 10.39 | 66.70 | 3.57 | 0.57 | 63.13 | 9.37 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 45 | 10.47 | 32.49 | 10.98 | 61.20 | 5.06 | 0.69 | 56.14 | 9.62 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 51 | 9.64 | 32.51 | 12.80 | 59.63 | 3.72 | 0.72 | 55.91 | 9.32 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.52 | 32.70 | 24.33 | 51.66 | 3.30 | 0.57 | 48.36 | 10.58 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.17 | 33.35 | 35.23 | 53.25 | | 0.33 | | 10.15 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 151 | 7.82 | 33.83 | 41.43 | | | | | 8.95 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 780 | 4.12 | 34.29 | 51.99 | | | | | 5.79 |
| W0109A | 9/6/01 | 4:14 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.60 | 34.40 | 52.36 | | | | | 6.15 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 2 | 9.53 | 33.34 | 39.41 | | 22.21 | 3.45 | | 13.89 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 2 | 9.40 | 33.37 | 46.47 | | 29.11 | 3.70 | | 19.55 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 4 | 9.33 | 33.38 | 47.86 | | 35.92 | 4.42 | | 19.23 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 10 | 8.95 | 33.44 | | 47.71 | 14.55 | 1.99 | 33.15 | |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 15 | 8.72 | 33.49 | 40.75 | 45.65 | 13.87 | 1.76 | 31.78 | 11.60 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 20 | 8.55 | 33.55 | 41.09 | 48.40 | 11.52 | 1.67 | 36.88 | 11.43 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 25 | 8.46 | 33.59 | 41.75 | 45.84 | 8.43 | 1.42 | 37.41 | 12.08 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 30 | 8.27 | 33.63 | 42.54 | 44.43 | 6.97 | 1.09 | 37.46 | 11.32 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 35 | 8.03 | 33.71 | 43.14 | 45.77 | 7.65 | 1.36 | 38.12 | 9.87 |
| W0109A | 9/10/01 | 14:37 | 44 | HH-01 | 44.00 | -124.2 | 49 | 7.89 | 33.79 | 44.50 | 54.24 | 12.29 | 1.99 | 41.95 | 10.10 |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 1 | 13.67 | 32.86 | 20.03 | 98.09 | 51.53 | 6.96 | 46.56 | 13.03 |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 5 | 13.37 | 32.87 | | | 54.37 | 7.40 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 10 | 11.97 | 32.98 | | | 45.08 | 5.81 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 19 | 9.62 | 33.29 | | | 15.44 | 2.02 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 31 | 7.95 | 33.62 | | | 5.07 | 1.01 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 40 | 7.96 | 33.74 | | | 5.49 | 0.84 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 51 | 8.00 | 33.86 | | | 4.30 | 0.62 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 60 | 7.91 | 33.91 | | | 5.12 | 0.77 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 70 | 7.85 | 33.93 | | | 6.14 | 0.82 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 90 | 7.62 | 33.95 | | | 6.14 | 0.98 | | |
| W0109A | 9/10/01 | 11:50 | 43 | HH-02 | 44.00 | -124.4 | 100 | 7.61 | 33.96 | | | 7.75 | 1.35 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 2 | 14.01 | 32.84 | 17.25 | 85.66 | 33.91 | 4.39 | 51.75 | 12.06 |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 10 | 14.00 | 32.84 | | | 36.93 | 4.77 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 14 | 13.99 | 32.84 | | | 34.13 | 4.29 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 20 | 13.02 | 32.85 | | | 29.21 | 4.54 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 30 | 8.17 | 32.98 | | | 7.89 | 1.83 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 40 | 7.90 | 33.38 | | | 7.14 | 1.52 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 50 | 7.83 | 33.57 | | | 5.65 | 1.41 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 60 | 7.86 | 33.69 | | | 31.75 | 4.30 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 71 | 7.89 | 33.81 | | | 4.65 | 0.89 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 101 | 7.64 | 33.99 | | | 6.14 | 0.97 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 118 | 7.63 | 34.01 | | | 5.57 | 0.67 | | |
| W0109A | 9/10/01 | 9:15 | 42 | HH-03 | 44.00 | -124.6 | 145 | 7.48 | 34.02 | | | 5.09 | 0.78 | | |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 2 | 13.52 | 32.65 | 22.16 | 95.41 | 43.99 | 5.56 | 51.42 | 15.20 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 5 | 13.55 | 32.65 | 19.29 | 89.68 | 50.82 | 6.26 | 38.87 | 11.59 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 10 | 13.38 | 32.66 | 21.55 | 94.95 | 45.61 | 5.76 | 49.33 | 14.08 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 17 | 12.68 | 32.80 | 21.66 | 92.11 | 33.57 | 4.66 | 58.54 | 13.10 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 21 | 12.49 | 32.76 | 23.68 | 81.63 | 24.39 | 2.95 | 57.24 | 15.03 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 31 | 10.94 | 32.67 | 28.47 | 69.60 | 34.44 | 4.50 | 35.16 | 15.85 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 40 | 8.21 | 32.79 | 35.18 | 50.71 | 4.92 | 0.73 | 45.79 | 17.98 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 50 | 8.00 | 33.18 | 38.09 | 45.41 | | 0.61 | | 11.32 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 59 | 7.99 | 33.53 | 42.29 | 43.93 | | 0.54 | | 12.21 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 71 | 7.89 | 33.69 | 44.87 | 46.64 | | 0.64 | | 10.19 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 81 | 7.83 | 33.74 | 45.66 | 44.93 | | 0.64 | | 9.81 |
| W0109A | 9/10/01 | 6:03 | 40 | HH-04 | 44.00 | -124.8 | 105 | 7.70 | 33.86 | 47.81 | 40.51 | 8.62 | 1.27 | 31.90 | 8.85 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 2 | 14.40 | 32.50 | 18.46 | 92.15 | 29.30 | 3.61 | 62.86 | 13.45 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 10 | 13.94 | 32.53 | 20.35 | 94.08 | 42.31 | 4.97 | 51.77 | 13.95 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 16 | 13.84 | 32.55 | 18.93 | 94.81 | 37.78 | 4.58 | 57.04 | 12.81 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 19 | 13.78 | 32.55 | 19.79 | 86.05 | 28.04 | 4.04 | 58.01 | 13.60 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 31 | 12.26 | 32.53 | 24.08 | 72.35 | 14.05 | 2.52 | 58.30 | 14.07 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 39 | 8.54 | 32.75 | 31.56 | 54.93 | | 0.83 | | 12.51 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 50 | 8.13 | 33.11 | 36.58 | 51.51 | 4.74 | 0.79 | 46.77 | 12.17 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 71 | 8.16 | 33.48 | 41.19 | 50.64 | | 0.56 | | 11.88 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 99 | 7.83 | 33.73 | 46.36 | 44.85 | | 0.66 | | 9.51 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 150 | 7.55 | 33.96 | 46.43 | 44.19 | | | | 8.22 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 320 | 6.51 | 34.06 | 49.89 | 39.25 | | | | 8.53 |
| W0109A | 9/10/01 | 1:34 | 39 | HH-05 | 44.00 | -125. | 500 | 5.47 | 34.10 | 52.08 | 36.90 | | | | 7.00 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 2 | 13.42 | 32.49 | 16.82 | 74.20 | 12.50 | 2.08 | 61.70 | 11.48 |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 10 | 13.34 | 32.50 | | | 14.29 | 2.15 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 12 | 13.20 | 32.52 | | | 15.49 | 2.41 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 21 | 11.76 | 32.51 | | | 9.73 | 1.54 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 31 | 8.52 | 32.59 | | | 5.33 | 0.95 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 40 | 8.40 | 32.79 | | | 3.58 | 0.58 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 51 | 8.31 | 33.12 | | | 3.78 | 0.54 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 70 | 8.22 | 33.47 | | | 2.79 | 0.52 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 98 | 7.65 | 33.83 | | | 3.83 | 0.73 | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 151 | 7.48 | 33.96 | | | | | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 315 | 6.73 | 34.04 | | | | | | |
| W0109A | 9/9/01 | 22:58 | 37 | HH-07 | 44.00 | -125.2 | 1006 | 3.71 | 34.41 | | | | | | |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 2 | 10.89 | 33.42 | 34.66 | 74.82 | 16.31 | 2.69 | 58.51 | 10.26 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 5 | 10.89 | 33.42 | 33.42 | 74.24 | 17.83 | 2.95 | 56.41 | 10.31 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 10 | 10.80 | 33.44 | 34.64 | 68.66 | 16.33 | 2.81 | 52.33 | 10.10 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 15 | 9.03 | 33.75 | 34.93 | 69.40 | 11.58 | 1.82 | 57.82 | 9.88 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 22 | 8.82 | 33.80 | 38.98 | 55.35 | 10.21 | 1.71 | 45.14 | 7.14 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 26 | 8.79 | 33.81 | 40.10 | 61.62 | 8.60 | 1.58 | 53.02 | 8.20 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 30 | 8.71 | 33.83 | 39.93 | 57.76 | 10.27 | 1.69 | 47.48 | 7.72 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 40 | 8.67 | 33.84 | 41.51 | 53.57 | 8.33 | 1.46 | 45.23 | 11.02 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 43 | 8.66 | 33.84 | 40.64 | 55.10 | 10.37 | 1.49 | 44.73 | 8.19 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 50 | 8.46 | 33.85 | 41.44 | 56.70 | 5.79 | 1.06 | 50.91 | 9.02 |
| W0109A | 9/6/01 | 16:01 | 14 | FM-03 | 43.22 | -124.5 | 57 | 8.42 | 33.85 | 41.98 | 53.31 | 6.39 | 0.95 | 46.91 | 8.89 |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 1 | 11.09 | 33.17 | 34.10 | 75.08 | 23.10 | 3.49 | 51.98 | 13.71 |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 6 | 10.82 | 33.17 | | | 20.90 | 3.13 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 10 | 9.96 | 33.30 | | | 9.99 | 1.68 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 15 | 9.06 | 33.44 | | | 7.55 | 1.19 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 20 | 8.32 | 33.49 | | | 7.18 | 1.17 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 30 | 8.49 | 33.87 | | | 8.43 | 1.19 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 40 | 8.40 | 33.90 | | | 6.75 | 1.17 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 50 | 8.38 | 33.90 | | | 7.24 | 1.28 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 60 | 8.37 | 33.90 | | | 6.45 | 1.08 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 70 | 8.36 | 33.90 | | | 7.02 | 0.96 | | |
| W0109A | 9/6/01 | 17:26 | 15 | FM-04 | 43.22 | -124.58 | 82 | 8.34 | 33.91 | | | 6.58 | 0.87 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 2 | 12.38 | 32.66 | 22.97 | 82.33 | 23.43 | 3.67 | 58.90 | 12.12 |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 5 | 12.08 | 32.59 | | | 20.40 | 3.21 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 10 | 9.86 | 32.63 | | | 12.40 | 1.93 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 20 | 8.57 | 32.76 | | | 8.32 | 1.29 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 30 | 8.45 | 32.89 | | | 7.42 | 1.12 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 40 | 8.42 | 33.27 | | | 5.00 | 0.76 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 51 | 8.15 | 33.53 | | | | 0.70 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 60 | 8.30 | 33.75 | | | 4.58 | 0.84 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 70 | 8.36 | 33.88 | | | 5.74 | 0.92 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 101 | 8.04 | 33.95 | | | 6.20 | 0.95 | | |
| W0109A | 9/6/01 | 19:05 | 16 | FM-05 | 43.22 | -124.67 | 153 | 7.97 | 33.97 | | | | | | |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 3 | 14.88 | 32.30 | 11.51 | 69.28 | 14.25 | 3.01 | 55.03 | 8.11 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 10 | 14.86 | 32.30 | 11.62 | 70.00 | 13.96 | 2.98 | 56.03 | 8.19 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 15 | 14.16 | 32.30 | 11.02 | 65.55 | 12.78 | 2.09 | 52.77 | 8.23 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 20 | 11.94 | 32.58 | 12.68 | 59.97 | 7.13 | 1.44 | 52.84 | 7.66 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 30 | 9.88 | 32.86 | 19.59 | 52.60 | | 0.64 | | 9.02 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 40 | 9.71 | 33.00 | 22.64 | 49.60 | | 0.49 | | 10.29 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 50 | 9.45 | 33.15 | 26.27 | 49.99 | | 0.42 | | 8.48 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 70 | 8.43 | 33.40 | 32.42 | 46.29 | | 0.35 | | 9.47 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 100 | 8.07 | 33.84 | 38.89 | 43.60 | | 0.42 | | 7.41 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 150 | 7.82 | 33.99 | 41.08 | 42.81 | | | | 7.41 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 277 | 6.79 | 34.07 | 42.83 | 38.06 | | | | 4.96 |
| W0109A | 9/6/01 | 22:07 | 18 | FM-07 | 43.22 | -124.83 | 300 | 6.59 | 34.07 | 43.27 | 41.27 | | | | 5.41 |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 3 | 16.19 | 32.13 | 10.47 | 68.05 | 6.75 | 1.15 | 61.30 | 8.94 |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 10 | 16.15 | 32.15 | | | 6.87 | 1.18 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 20 | 15.97 | 32.18 | | | 6.89 | 1.17 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 30 | 11.98 | 32.68 | | | 6.87 | 1.17 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 40 | 10.99 | 32.79 | | | 5.27 | 0.92 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 45 | 10.26 | 32.86 | | | 4.44 | 0.85 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 49 | 10.29 | 32.93 | | | 4.25 | 0.74 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 70 | 9.81 | 33.23 | | | 3.12 | 0.62 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 100 | 8.79 | 33.66 | | | 3.01 | 0.49 | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 151 | 8.02 | 33.93 | | | | | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 710 | 4.51 | 34.26 | | | | | | |
| W0109A | 9/6/01 | 1:18 | 19 | FM-08 | 43.22 | -125. | 1006 | 3.73 | 34.41 | | | | | | |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 4 | 17.24 | 32.22 | 8.93 | 70.80 | 6.27 | 0.69 | 64.53 | 7.80 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 9 | 17.24 | 32.21 | 8.67 | 64.28 | 5.56 | 0.78 | 58.72 | 7.45 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 20 | 15.34 | 32.35 | 8.52 | 66.11 | 7.91 | 0.99 | 58.21 | 7.05 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 30 | 10.91 | 32.55 | 8.87 | 63.47 | 7.88 | 0.92 | 55.59 | 7.37 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 40 | 10.09 | 32.57 | 10.75 | | 9.73 | 1.38 | | 7.76 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 45 | 9.78 | 32.58 | 11.26 | | 7.51 | 1.17 | | 7.62 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 70 | 9.03 | 32.71 | 18.41 | | 2.98 | 0.53 | | 7.56 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 100 | 8.31 | 33.39 | 30.93 | | 2.34 | 0.36 | | 6.27 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 150 | 7.99 | 33.83 | 37.66 | | | | | 6.11 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 651 | 4.57 | 34.21 | 48.42 | | | | | 1.15 |
| W0109A | 9/6/01 | 3:22 | 20 | FM-09 | 43.22 | -125.17 | 1006 | 3.71 | 34.41 | 47.99 | | | | | 0.40 |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 1 | 8.70 | 33.89 | 43.59 | 50.87 | 6.60 | 0.99 | 44.27 | 10.31 |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 5 | 8.68 | 33.89 | | | 7.46 | 1.08 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 10 | 8.68 | 33.89 | | | 5.35 | 1.02 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 15 | 8.54 | 33.90 | | | 4.99 | 0.77 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 20 | 8.18 | 33.94 | | | 6.50 | 0.86 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 25 | 8.06 | 33.97 | | | 4.46 | 0.63 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 30 | 7.91 | 33.99 | | | | 0.63 | | |
| W0109A | 9/9/01 | 14:07 | 36 | RR-01 | 42.50 | -124.5 | 32 | 7.59 | 34.01 | | | 5.70 | 0.96 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 1 | 8.83 | 33.75 | 41.16 | 52.68 | 8.19 | 0.92 | 44.49 | 10.63 |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 5 | 8.79 | 33.77 | | | 7.50 | 1.11 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 10 | 8.73 | 33.77 | | | 7.24 | 1.18 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 20 | 8.62 | 33.81 | | | 8.00 | 1.06 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 27 | 8.47 | 33.82 | | | 5.98 | 0.93 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 30 | 8.28 | 33.88 | | | 6.42 | 0.68 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 40 | 8.04 | 33.96 | | | | 0.30 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 50 | 7.97 | 33.98 | | | 4.39 | 0.57 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 60 | 7.97 | 33.99 | | | | 0.66 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 69 | 7.93 | 33.99 | | | 4.71 | 0.66 | | |
| W0109A | 9/9/01 | 12:50 | 35 | RR-02 | 42.50 | -124.6 | 81 | 7.89 | 34.00 | | | 5.14 | 0.64 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 2 | 9.18 | 33.21 | 33.32 | 54.41 | 6.01 | 1.09 | 48.40 | 11.91 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 5 | 9.04 | 33.34 | | | 7.02 | 0.92 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 10 | 8.93 | 33.35 | | | 5.69 | 0.84 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 20 | 8.81 | 33.45 | | | 5.10 | 0.74 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 30 | 8.72 | 33.55 | | | 4.70 | 0.85 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 40 | 8.68 | 33.57 | | | 5.26 | 0.73 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 50 | 8.68 | 33.59 | | | 5.46 | 0.74 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 54 | 8.68 | 33.60 | | | 5.81 | 1.03 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 60 | 8.67 | 33.61 | | | 6.02 | 0.87 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 71 | 8.69 | 33.64 | | | 5.45 | 0.79 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 100 | 8.32 | 33.91 | | | 5.84 | 0.48 | | |
| W0109A | 9/9/01 | 11:33 | 34 | RR-03 | 42.50 | -124.7 | 124 | 8.00 | 33.98 | | | 6.32 | 0.65 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 2 | 9.46 | 33.06 | 30.88 | 56.99 | 7.74 | 1.39 | 49.24 | 11.03 |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 10 | 9.45 | 33.06 | | | 7.41 | 1.26 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 21 | 9.06 | 33.22 | | | 6.40 | 1.15 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 31 | 9.05 | 33.23 | | | 8.32 | 1.33 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 35 | 9.05 | 33.23 | | | 7.12 | 1.22 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 40 | 9.06 | 33.25 | | | 6.66 | 1.12 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 51 | 8.98 | 33.27 | | | 6.70 | 1.04 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 70 | 8.65 | 33.46 | | | 3.95 | 0.62 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 100 | 8.29 | 33.90 | | | 3.96 | 0.51 | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 151 | 7.60 | 34.02 | | | | | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 231 | 7.20 | 34.04 | | | | | | |
| W0109A | 9/9/01 | 9:58 | 33 | RR-04 | 42.50 | -124.8 | 590 | 5.12 | 34.21 | | | | | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 2 | 12.03 | 32.73 | 21.20 | 68.00 | 10.66 | 1.88 | 57.34 | 12.44 |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 10 | 12.14 | 32.74 | | | 11.05 | 1.93 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 16 | 11.60 | 32.80 | | | 12.10 | 1.78 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 20 | 11.34 | 32.79 | | | 7.92 | 1.25 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 30 | 10.72 | 33.19 | | | 6.34 | 1.16 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 40 | 9.57 | 33.38 | | | 5.58 | 0.96 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 49 | 8.93 | 33.42 | | | 7.95 | 0.71 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 72 | 8.25 | 33.67 | | | 3.51 | 0.46 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 100 | 8.02 | 33.84 | | | 2.83 | 0.33 | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 150 | 7.79 | 33.99 | | | | | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 751 | 4.29 | 34.28 | | | | | | |
| W0109A | 9/9/01 | 7:46 | 32 | RR-06 | 42.50 | -125. | 1005 | 3.57 | 34.40 | | | | | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 3 | 13.86 | 32.60 | 18.63 | 75.80 | 21.65 | 4.12 | 54.15 | 11.88 |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 10 | 13.89 | 32.61 | | | 22.10 | 3.94 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 20 | 13.84 | 32.61 | | | 19.04 | 3.67 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 24 | 13.54 | 32.61 | | | 17.12 | 3.28 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 30 | 10.21 | 33.00 | | | 7.99 | 1.61 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 39 | 9.64 | 33.15 | | | 5.79 | 0.93 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 51 | 8.76 | 33.35 | | | 3.61 | 0.68 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 70 | 8.36 | 33.66 | | | | 0.22 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 100 | 8.06 | 33.87 | | | 3.42 | 0.39 | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 150 | 7.58 | 33.99 | | | | | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 785 | 4.34 | 34.33 | | | | | | |
| W0109A | 9/9/01 | 5:40 | 31 | RR-07 | 42.50 | -125.2 | 1005 | 3.61 | 34.40 | | | | | | |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 3 | 8.56 | 33.91 | 38.59 | | 6.62 | 0.85 | | 6.41 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 5 | 8.56 | 33.91 | 38.65 | | 7.21 | 0.99 | | 6.02 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 9 | 8.56 | 33.91 | 38.98 | | 7.89 | 0.98 | | 6.44 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 14 | 8.56 | 33.91 | 42.80 | | 5.71 | 0.81 | | 10.44 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 20 | 8.55 | 33.91 | 37.84 | | 6.73 | 0.84 | | 5.41 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 23 | 8.56 | 33.91 | 38.55 | 58.08 | 8.96 | 1.09 | 49.12 | 5.72 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 25 | 8.55 | 33.91 | 39.65 | 49.01 | 8.01 | 0.98 | 41.00 | 6.84 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 29 | 8.56 | 33.91 | 39.29 | 55.14 | 6.06 | 0.82 | 49.08 | 6.54 |
| W0109A | 9/7/01 | 13:41 | 21 | CR-01 | 41.90 | -124.3 | 36 | 8.55 | 33.91 | 39.45 | 54.71 | 7.99 | 1.17 | 46.72 | 6.71 |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 2 | 9.27 | 33.77 | 39.08 | 62.40 | 8.26 | 1.46 | 54.14 | 11.87 |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 5 | 9.27 | 33.78 | | | 10.49 | 1.79 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 10 | 9.26 | 33.78 | | | 8.24 | 1.54 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 20 | 9.24 | 33.78 | | | 6.28 | 1.00 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 60 | 9.03 | 33.81 | | | 7.29 | 1.08 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 69 | 8.62 | 33.86 | | | 5.76 | 0.81 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 86 | 8.33 | 33.95 | | | 5.17 | 0.48 | | |
| W0109A | 9/7/01 | 17:07 | 23 | CR-03 | 41.90 | -124.5 | 99 | 8.28 | 33.96 | | | 6.13 | 0.84 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 4 | 9.56 | 33.69 | 37.55 | 65.70 | 8.52 | 1.30 | 57.18 | 11.45 |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 10 | 9.55 | 33.69 | | | 5.94 | 0.87 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 20 | 9.55 | 33.69 | | | 6.30 | 0.79 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 30 | 9.43 | 33.69 | | | 5.19 | 0.94 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 36 | 9.27 | 33.69 | | | | 0.68 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 40 | 8.78 | 33.75 | | | | 0.52 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 52 | 8.64 | 33.79 | | | | 0.40 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 70 | 8.34 | 33.89 | | | | 0.37 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.13 | 33.99 | | | | 0.51 | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 151 | 7.74 | 34.05 | | | | | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 205 | 7.43 | 34.07 | | | | | | |
| W0109A | 9/7/01 | 20:35 | 24 | CR-04 | 41.90 | -124.6 | 450 | 5.74 | 34.10 | | | | | | |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 11 | 9.83 | 33.65 | 32.47 | 63.42 | 7.90 | 1.58 | 55.52 | 7.49 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 17 | 9.83 | 33.65 | 32.55 | 69.43 | 11.85 | 1.70 | 57.58 | 7.34 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 20 | 9.83 | 33.65 | 31.77 | 65.68 | 8.14 | 1.41 | 57.54 | 7.02 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 32 | 9.82 | 33.65 | 32.33 | 66.91 | 7.99 | 1.32 | 58.92 | 7.67 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 49 | 9.80 | 33.65 | 32.80 | 60.57 | 8.33 | 1.35 | 52.24 | 7.99 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 70 | 9.30 | 33.70 | 33.46 | 56.89 | 4.86 | 0.91 | 52.03 | 7.29 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 100 | 8.67 | 33.80 | 35.86 | 50.85 | 3.75 | 0.60 | 47.10 | 5.11 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 149 | 8.04 | 33.97 | 38.30 | 53.62 | | | | 5.73 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 500 | 5.28 | 34.15 | 45.73 | 42.22 | | | | 2.49 |
| W0109A | 9/8/01 | 0:18 | 25 | CR-05 | 41.90 | -124.7 | 624 | 4.95 | 34.26 | 46.98 | 51.06 | | | | 2.64 |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 3 | 9.57 | 32.85 | 23.66 | 62.05 | 6.52 | 0.99 | 55.54 | 11.83 |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 10 | 9.55 | 32.86 | | | 6.49 | 1.03 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 20 | 9.55 | 32.85 | | | 5.22 | 1.03 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 30 | 9.55 | 32.86 | | | 7.67 | 1.18 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 37 | 9.54 | 32.87 | | | 6.54 | 1.13 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 40 | 9.51 | 32.88 | | | 8.70 | 1.22 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 51 | 9.43 | 33.18 | | | 3.92 | 0.72 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 101 | 8.66 | 33.61 | | | 4.03 | 0.92 | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 151 | 8.31 | 33.91 | | | | | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 499 | 5.60 | 34.17 | | | | | | |
| W0109A | 9/8/01 | 16:00 | 27 | CR-07 | 41.90 | -125. | 838 | 4.16 | 34.37 | | | | | | |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 3 | 11.03 | 32.78 | 17.07 | 65.78 | 8.17 | 1.48 | 57.61 | 9.39 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 10 | 11.00 | 32.78 | 15.86 | 68.69 | 8.09 | 1.57 | 60.60 | 8.04 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 20 | 10.83 | 32.77 | 16.40 | 62.44 | 7.54 | 1.40 | 54.90 | 8.92 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 29 | 10.63 | 32.74 | 16.08 | 61.06 | 7.10 | 1.26 | 53.96 | 8.74 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 32 | 10.62 | 32.76 | 16.10 | 58.92 | 5.43 | 1.23 | 53.48 | 8.63 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 41 | 10.76 | 32.89 | 18.42 | | | 1.19 | | 8.34 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 49 | 10.43 | 33.23 | 24.36 | 58.69 | 4.84 | 1.07 | 53.86 | 10.18 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 69 | 9.89 | 33.37 | 27.02 | 63.10 | 4.57 | 0.86 | 58.53 | 8.81 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 101 | 9.02 | 33.66 | 32.76 | 52.80 | 3.73 | 0.60 | 49.07 | 7.34 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 150 | 8.45 | 33.90 | 36.50 | 54.57 | | | | 5.47 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 359 | 6.26 | 34.05 | 42.61 | 47.88 | | | | 3.27 |
| W0109A | 9/8/01 | 22:50 | 29 | CR-09 | 41.90 | -125.4 | 1005 | 3.71 | 34.42 | 47.10 | 40.75 | | | | 0.40 |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 3 | 13.29 | 32.77 | 19.15 | 72.46 | 12.28 | 2.24 | 60.18 | 12.51 |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 11 | 13.29 | 32.77 | | | 11.17 | 2.10 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 16 | 13.20 | 32.77 | | | 10.80 | 2.15 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 20 | 13.13 | 32.77 | | | 11.64 | 2.10 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 30 | 13.01 | 32.80 | | | 9.01 | 1.91 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 40 | 12.75 | 32.80 | | | 8.43 | 1.80 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 49 | 12.46 | 32.80 | | | 7.10 | 1.51 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 69 | 10.28 | 33.42 | | | 4.32 | 0.76 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 99 | 8.65 | 33.68 | | | 4.78 | 0.52 | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 149 | 7.78 | 33.93 | | | | | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 719 | 4.48 | 34.31 | | | | | | |
| W0109A | 9/9/01 | 1:01 | 30 | CR-10 | 41.90 | -125.7 | 1006 | 3.71 | 34.42 | | | | | | |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 2 | 10.69 | 30.92 | 24.79 | 70.27 | 19.19 | 2.06 | 51.08 | 13.28 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 5 | 10.74 | 30.97 | 24.34 | 69.64 | 14.12 | 1.69 | 55.52 | 13.27 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 10 | 11.35 | 32.12 | 16.89 | 65.60 | 10.04 | 1.02 | 55.56 | 10.41 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 15 | 11.41 | 32.34 | 16.56 | 60.36 | 12.01 | 1.22 | 48.35 | 9.81 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 21 | 11.46 | 32.43 | 15.37 | 57.57 | 11.59 | 1.17 | 45.98 | 8.78 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 25 | 11.56 | 32.55 | 16.39 | 57.47 | 10.51 | 1.08 | 46.95 | 9.09 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 31 | 11.70 | 32.62 | 16.30 | 57.08 | 7.89 | 0.72 | 49.19 | 9.82 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 40 | 11.50 | 32.63 | 16.47 | 54.61 | 7.60 | 0.70 | 47.01 | 9.88 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 50 | 11.55 | 32.65 | 15.99 | 53.59 | 6.45 | 0.72 | 47.14 | 9.33 |
| W0111B | 11/27/01 | 20:58 | 3 | NH-05 | 44.65 | -124.18 | 53 | 11.63 | 32.70 | 16.58 | 56.95 | 7.37 | 0.83 | 49.58 | 9.45 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 3 | 11.10 | 32.38 | 16.38 | 53.82 | 8.78 | 1.09 | 45.05 | 10.68 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 5 | 11.10 | 32.38 | 17.37 | 55.15 | 8.84 | 1.06 | 46.31 | 11.52 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 10 | 11.10 | 32.38 | 17.52 | 56.96 | 10.26 | 1.21 | 46.70 | 11.52 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 20 | 11.08 | 32.38 | 17.03 | 63.15 | 9.18 | 1.03 | 53.97 | 11.03 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 30 | 11.08 | 32.41 | 17.35 | 55.17 | 5.76 | 0.83 | 49.41 | 11.08 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 34 | 11.07 | 32.42 | 16.29 | 53.99 | 8.41 | 1.10 | 45.57 | 9.74 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 40 | 11.05 | 32.45 | 16.16 | 63.81 | 9.02 | 1.16 | 54.79 | 9.72 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 50 | 11.09 | 32.50 | 17.35 | 63.60 | 6.40 | 0.83 | 57.20 | 10.09 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 61 | 11.13 | 32.84 | 20.95 | 53.18 | 6.14 | 0.65 | 47.05 | 11.85 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 71 | 10.43 | 33.21 | 27.56 | 53.59 | 6.89 | 0.82 | 46.70 | 11.30 |
| W0111B | 11/27/01 | 23:49 | 5 | NH-15 | 44.65 | -124.41 | 85 | 10.00 | 33.37 | 30.97 | 50.66 | 8.13 | 0.95 | 42.53 | 11.33 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 3 | 10.96 | 32.44 | 19.29 | 62.19 | 7.57 | 1.07 | 54.62 | 11.96 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 10 | 10.96 | 32.44 | 18.84 | 59.76 | 8.31 | 1.21 | 51.44 | 11.65 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 20 | 10.96 | 32.44 | 19.37 | 61.85 | 8.90 | 1.21 | 52.95 | 11.77 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 30 | 10.96 | 32.44 | 19.61 | 51.56 | 6.16 | 0.85 | 45.40 | 12.08 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 40 | 11.01 | 32.52 | 19.71 | 51.51 | 5.50 | 0.61 | 46.00 | 11.15 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 50 | 10.41 | 32.73 | 28.38 | 50.21 | 3.54 | 0.46 | 46.67 | 16.38 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 70 | 9.75 | 33.45 | 32.13 | 49.82 | 4.10 | 0.58 | 45.73 | 10.76 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 100 | 9.33 | 33.60 | 34.86 | 43.10 | 3.29 | 0.41 | 39.81 | 10.36 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 149 | 8.82 | 33.78 | 37.73 | 46.09 | 3.63 | 0.39 | 42.46 | 9.10 |
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 200 | 8.44 | 33.91 | 39.28 | 44.89 | | | | 9.01 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0111B | 11/28/01 | 2:48 | 7 | NH-25 | 44.65 | -124.65 | 250 | 7.91 | 33.97 | 41.14 | 41.07 | | | | 9.30 |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 4 | 11.01 | 32.41 | 16.67 | 54.15 | 15.49 | 2.34 | 38.66 | 9.96 |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 10 | 11.02 | 32.40 | | | 15.05 | 2.33 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 20 | 10.97 | 32.43 | | | 10.04 | 1.88 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 25 | 10.91 | 32.46 | | | 9.57 | 1.68 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 30 | 10.87 | 32.47 | | | 11.66 | 1.96 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 39 | 10.56 | 32.60 | | | 5.73 | 0.95 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 50 | 9.52 | 32.88 | | | 3.81 | 0.51 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.75 | 33.17 | | | 2.34 | 0.45 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.95 | 33.70 | | | 4.37 | 0.68 | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.49 | 33.87 | | | | | | |
| W0111B | 11/28/01 | 6:14 | 8 | NH-35 | 44.65 | -124.88 | 420 | 5.62 | 34.09 | | | | | | |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 2 | 9.70 | 31.95 | 18.39 | 83.65 | 22.83 | 2.75 | 60.81 | 13.25 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 5 | 9.70 | 31.94 | 18.09 | 91.57 | 29.28 | 4.09 | 62.28 | 11.82 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 10 | 9.70 | 31.95 | 18.37 | 76.64 | 19.32 | 2.92 | 57.32 | 12.75 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.69 | 32.15 | 17.26 | 67.65 | 22.62 | 3.55 | 45.04 | 10.93 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 20 | 9.69 | 32.29 | 17.48 | 67.62 | 16.40 | 2.66 | 51.22 | 11.69 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 25 | 9.70 | 32.34 | 18.95 | 61.23 | 15.76 | 2.75 | 45.48 | 12.88 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 31 | 9.73 | 32.41 | 18.84 | 63.89 | 16.51 | 2.50 | 47.38 | 11.92 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 41 | 9.74 | 32.46 | 19.33 | 62.16 | 16.35 | 2.44 | 45.81 | 11.88 |
| W0202A | 2/20/02 | 1:23 | 3 | NH-05 | 44.65 | -124.18 | 54 | 9.73 | 32.48 | 20.91 | 60.36 | 20.38 | 2.64 | 39.98 | 12.67 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 4 | 9.60 | 32.03 | 18.52 | 74.51 | 18.51 | 3.03 | 55.99 | 12.73 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 5 | 9.60 | 32.03 | 18.92 | 70.44 | 20.11 | 3.34 | 50.33 | 12.97 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 10 | 9.60 | 32.04 | 19.65 | 69.88 | 17.54 | 2.95 | 52.34 | 14.01 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 20 | 9.63 | 32.22 | 19.19 | 62.47 | 11.47 | 2.03 | 51.00 | 13.25 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 32 | 9.72 | 32.44 | 20.41 | 57.20 | | 0.85 | | 14.17 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 43 | 9.68 | 32.65 | 23.86 | 59.48 | 7.89 | 1.17 | 51.59 | 15.12 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 51 | 9.62 | 32.69 | 24.86 | 60.82 | | 0.98 | | 14.18 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 63 | 9.61 | 32.71 | 25.14 | 56.46 | 6.84 | 1.08 | 49.62 | 13.89 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 71 | 9.49 | 32.85 | 26.68 | 58.10 | 11.63 | 1.57 | 46.47 | 11.22 |
| W0202A | 2/20/02 | 4:55 | 5 | NH-15 | 44.65 | -124.41 | 88 | 9.42 | 33.11 | 29.02 | 62.04 | 11.03 | 1.82 | 51.01 | 11.31 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 3 | 9.53 | 31.98 | 20.54 | 70.40 | 11.38 | 2.05 | 59.02 | 13.65 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 10 | 9.53 | 31.98 | 18.92 | 70.10 | 15.73 | 2.02 | 54.37 | 12.05 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 19 | 9.59 | 32.02 | 19.52 | 73.46 | 13.62 | 2.00 | 59.84 | 12.53 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 31 | 9.54 | 32.06 | 19.83 | 76.40 | | 1.85 | | 12.86 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 39 | 9.58 | 32.14 | 19.38 | 72.75 | 19.74 | 1.66 | 53.01 | 11.50 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 50 | 9.74 | 32.40 | 20.96 | 66.91 | 4.28 | 0.59 | 62.63 | 11.92 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 73 | 9.78 | 32.73 | 24.79 | 57.31 | 3.95 | 0.62 | 53.36 | 12.06 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 101 | 8.98 | 33.54 | 35.65 | 59.99 | 4.62 | 0.73 | 55.37 | 10.34 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 150 | 8.14 | 33.88 | 40.43 | 48.03 | 4.01 | 0.66 | 44.03 | 7.89 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 199 | 7.74 | 33.96 | 42.02 | 61.50 | 4.62 | 0.68 | 56.88 | 9.51 |
| W0202A | 2/20/02 | 8:04 | 7 | NH-25 | 44.65 | -124.65 | 249 | 7.43 | 33.99 | 43.11 | 48.95 | 4.17 | 0.57 | 44.78 | 7.97 |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 3 | 9.38 | 32.47 | 19.01 | 60.07 | 6.70 | 1.03 | 53.36 | 11.50 |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 11 | 9.30 | 32.47 | | | 6.70 | 1.01 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 17 | 9.27 | 32.47 | | | 6.58 | 1.26 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 20 | 9.25 | 32.47 | | | 6.84 | 1.17 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 30 | 9.26 | 32.48 | | | 7.68 | 0.98 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 40 | 9.25 | 32.48 | | | 11.20 | 1.04 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 49 | 9.30 | 32.50 | | | 8.91 | 0.88 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 71 | 9.69 | 32.96 | | | 4.86 | 0.74 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 99 | 9.13 | 33.50 | | | | 0.40 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 151 | 8.11 | 33.91 | | | | 0.45 | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 366 | 6.19 | 34.06 | | | | | | |
| W0202A | 2/20/02 | 23:09 | 11 | NH-35 | 44.65 | -124.88 | 435 | 5.81 | 34.08 | | | | | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 2 | 9.54 | 32.45 | 19.69 | 67.40 | 20.24 | 2.84 | 47.16 | 12.12 |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 10 | 9.52 | 32.46 | | | 13.69 | 2.16 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 20 | 9.51 | 32.46 | | | 13.30 | 2.02 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 30 | 9.51 | 32.46 | | | 11.96 | 1.75 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 39 | 9.51 | 32.47 | | | 16.19 | 1.98 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 49 | 9.52 | 32.49 | | | 8.37 | 1.55 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 69 | 9.78 | 32.87 | | | 3.93 | 0.61 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 100 | 8.47 | 33.47 | | | 3.87 | 0.53 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 149 | 7.82 | 33.87 | | | | 0.36 | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 501 | 5.28 | 34.12 | | | | | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 520 | 5.21 | 34.13 | | | | | | |
| W0202A | 2/20/02 | 21:18 | 10 | NH-45 | 44.65 | -125.12 | 656 | 4.57 | 34.23 | | | | | | |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 2 | 8.60 | 32.34 | 17.91 | 57.28 | 5.90 | 0.95 | 51.38 | 10.93 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 10 | 8.54 | 32.34 | 17.56 | 53.03 | 6.38 | 0.92 | 46.65 | 10.83 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 21 | 8.52 | 32.34 | 18.21 | 67.34 | 5.17 | 0.86 | 62.18 | 10.73 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 30 | 8.52 | 32.34 | 17.28 | | 6.18 | 0.87 | -6.18 | 9.50 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 38 | 8.53 | 32.34 | 17.58 | 61.57 | 8.55 | 0.86 | 53.02 | 9.24 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 50 | 8.58 | 32.36 | 16.61 | 59.20 | 5.29 | 0.79 | 53.91 | 8.28 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 70 | 8.78 | 32.41 | 17.06 | 55.99 | 4.44 | 0.76 | 51.55 | 8.30 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 100 | 7.94 | 33.04 | 28.42 | 63.97 | | 0.42 | | 9.12 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 151 | 7.75 | 33.76 | 35.77 | 51.50 | | 0.37 | | 6.15 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 783 | 4.17 | 34.31 | 47.23 | | | | | 3.29 |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 1004 | 3.66 | 34.41 | 47.70 | 40.31 | | | | |
| W0202A | 2/20/02 | 18:27 | 9 | NH-65 | 44.65 | -125.6 | 1006 | 3.66 | 34.41 | 48.07 | | | | | 3.15 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 5 | 9.25 | 33.28 | 34.73 | 68.38 | 23.27 | 3.38 | 45.11 | 9.11 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 10 | 8.94 | 33.39 | 35.49 | 61.76 | 16.78 | 2.55 | 44.97 | 8.89 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 15 | 8.71 | 33.47 | 36.91 | 59.30 | 16.97 | 2.31 | 42.33 | 8.68 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 20 | 8.38 | 33.63 | 38.75 | 54.37 | 10.62 | 1.54 | 43.75 | 7.42 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 25 | 8.09 | 33.79 | 39.43 | 53.24 | 6.76 | 1.13 | 46.48 | 8.35 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 30 | 8.09 | 33.80 | 40.08 | 52.83 | 6.87 | 1.19 | 45.96 | 7.95 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.86 | 33.88 | 40.42 | 49.47 | 5.96 | 0.77 | 43.51 | 9.34 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.82 | 33.90 | 41.10 | 54.31 | 6.91 | 0.88 | 47.40 | 8.60 |
| W0204A | 4/5/02 | 0:53 | 3 | NH-05 | 44.65 | -124.18 | 56 | 7.80 | 33.91 | 40.59 | 51.95 | 7.61 | 0.83 | 44.34 | 6.60 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 2 | 8.97 | 31.60 | 12.71 | 87.51 | 7.13 | 1.11 | 80.38 | 8.87 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 5 | 8.97 | 31.60 | 12.51 | | 6.53 | 0.95 | | 8.64 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 10 | 8.96 | 31.60 | 12.84 | 69.87 | 8.47 | 1.42 | 61.41 | 8.26 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 20 | 8.87 | 31.70 | 12.41 | 67.39 | 8.35 | 1.30 | 59.04 | 7.78 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.95 | 32.09 | 14.38 | 66.32 | 6.54 | 0.89 | 59.78 | 8.29 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 40 | 8.98 | 32.25 | 15.63 | 67.69 | 8.31 | 1.05 | 59.38 | 8.10 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 50 | 8.94 | 32.44 | 16.75 | 69.80 | 7.22 | 0.83 | 62.58 | 7.59 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 60 | 9.10 | 32.69 | 21.42 | 65.00 | | 0.56 | | 9.66 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 70 | 9.02 | 33.16 | 29.54 | 62.10 | | 0.45 | | 9.88 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 74 | 8.98 | 33.22 | 30.72 | 67.20 | | 0.47 | | 10.10 |
| W0204A | 4/5/02 | 3:51 | 5 | NH-15 | 44.65 | -124.41 | 88 | 8.65 | 33.49 | 34.58 | 60.90 | | 0.45 | | 12.06 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 2 | 9.72 | 31.07 | 9.60 | 88.40 | 27.45 | 2.38 | 60.95 | 7.04 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 10 | 9.47 | 31.43 | | 88.30 | 23.35 | 2.70 | 64.95 | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 17 | 9.30 | 31.69 | 12.60 | 83.50 | 24.49 | 3.61 | 59.01 | 8.28 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 20 | 9.29 | 31.71 | 13.74 | 86.60 | 24.04 | 4.13 | 62.56 | 8.85 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.13 | 32.25 | 14.65 | 91.10 | 7.16 | 1.23 | 83.94 | 8.43 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 40 | 8.98 | 32.37 | 22.35 | 61.80 | 5.36 | 0.83 | 56.44 | 15.31 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.93 | 32.42 | 22.96 | 61.30 | 4.63 | 0.75 | 56.67 | 15.07 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.90 | 32.68 | 28.39 | 55.70 | | 0.53 | | 15.23 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 100 | 8.81 | 33.57 | 35.85 | 54.30 | | 0.39 | | 9.93 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 150 | 8.05 | 33.90 | 40.27 | 52.60 | | | | 10.34 |
| W0204A | 4/5/02 | 7:02 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.40 | 33.99 | 41.50 | 54.40 | | | | 8.62 |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 1 | 9.79 | 31.36 | 10.97 | 100.60 | 25.57 | 2.55 | 75.03 | 8.33 |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 5 | 9.73 | 31.48 | | | 40.47 | 3.31 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 10 | 9.55 | 31.66 | | | 38.34 | 3.56 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 20 | 9.10 | 32.35 | | | | 1.20 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 30 | 8.94 | 32.40 | | | 5.13 | 0.74 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 40 | 8.82 | 32.41 | | | 5.37 | 0.71 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 50 | 8.87 | 32.46 | | | | 0.39 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.81 | 32.77 | | | | 0.39 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 100 | 8.86 | 33.38 | | | | 0.48 | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 150 | 8.22 | 33.85 | | | | | | |
| W0204A | 4/5/02 | 10:17 | 8 | NH-35 | 44.65 | -124.88 | 427 | 5.33 | 34.12 | | | | | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 2 | 9.85 | 31.32 | 9.82 | 79.20 | 12.04 | 2.27 | 67.16 | 6.42 |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 10 | 9.82 | 31.61 | | | 16.74 | 3.02 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 19 | 9.47 | 32.20 | | | 11.87 | 2.87 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 25 | 9.22 | 32.36 | | | 7.23 | 1.39 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 30 | 9.12 | 32.40 | | | | 1.16 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 40 | 9.05 | 32.42 | | | 4.60 | 0.94 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 50 | 8.93 | 32.46 | | | 4.89 | 0.91 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 69 | 8.95 | 32.51 | | | 4.41 | 0.77 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 100 | 8.75 | 32.75 | | | | 0.39 | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 150 | 8.25 | 33.83 | | | | | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 499 | 5.31 | 34.12 | | | | | | |
| W0204A | 4/5/02 | 13:47 | 9 | NH-45 | 44.65 | -125.12 | 680 | 4.60 | 34.22 | | | | | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 1 | 10.00 | 31.40 | 11.27 | 90.30 | 15.37 | 2.09 | 74.93 | 9.15 |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 10 | 9.92 | 31.50 | | | 13.80 | 2.38 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 15 | 9.23 | 32.12 | | | 11.00 | 2.17 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 20 | 8.77 | 32.40 | | | 7.55 | 1.55 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 30 | 8.67 | 32.41 | | | 7.58 | 1.28 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 40 | 8.57 | 32.41 | | | 5.40 | 1.13 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 50 | 8.35 | 32.41 | | | 3.93 | 0.56 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 70 | 8.99 | 32.65 | | | 4.26 | 0.55 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 100 | 8.38 | 33.33 | | | | 0.41 | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 150 | 8.03 | 33.80 | | | | | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 600 | 4.96 | 34.17 | | | | | | |
| W0204A | 4/5/02 | 20:09 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.70 | 34.40 | | | | | | |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 1 | 9.92 | 32.22 | 14.28 | 75.80 | 19.93 | 3.38 | 55.87 | 10.56 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 4 | 9.92 | 32.22 | 13.66 | 72.50 | 18.18 | 3.01 | 54.32 | 10.31 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 10 | 9.91 | 32.22 | 13.66 | 78.60 | 18.24 | 3.38 | 60.36 | 9.79 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 20 | 9.83 | 32.23 | 13.14 | 81.10 | 14.95 | 3.06 | 66.15 | 9.01 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 30 | 9.56 | 32.49 | 16.15 | 67.20 | 7.57 | 1.30 | 59.63 | 10.77 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.44 | 32.51 | 14.98 | 64.70 | | 0.79 | | 8.53 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.11 | 32.50 | 15.55 | 65.90 | | 0.43 | | 9.06 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.95 | 32.51 | 16.65 | 64.10 | | 0.68 | | 8.68 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.96 | 32.91 | 24.94 | 63.70 | | 0.40 | | 9.07 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 150 | 8.39 | 33.67 | 33.25 | 57.20 | | | | 5.69 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 285 | 6.92 | 34.02 | 39.58 | 57.57 | | | | 3.60 |
| W0204A | 4/5/02 | 23:13 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.65 | 34.41 | 46.52 | 43.70 | | | | 1.66 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 2 | 10.10 | 32.51 | 17.59 | 168.80 | 64.44 | 6.13 | 104.36 | 10.95 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 5 | 10.02 | 32.51 | 17.96 | 171.70 | 73.04 | 6.82 | 98.66 | 10.48 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 10 | 9.72 | 32.53 | 20.20 | 143.30 | 50.28 | 5.62 | 93.02 | 11.92 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 15 | 8.97 | 32.81 | 24.86 | 64.80 | 15.07 | 2.31 | 49.73 | 8.13 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 20 | 8.95 | 33.01 | 27.75 | 58.00 | 7.22 | 1.28 | 50.78 | 8.49 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 25 | 8.88 | 33.20 | 30.77 | 59.10 | | 1.00 | | 8.31 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 29 | 8.75 | 33.35 | | 54.40 | 8.49 | 1.09 | 45.91 | |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 40 | 8.46 | 33.66 | 37.38 | 57.20 | 11.05 | 1.41 | 46.15 | 6.87 |
| W0204A | 4/9/02 | 12:45 | 40 | HH-01 | 44.00 | -124.2 | 48 | 8.44 | 33.67 | 37.30 | 60.60 | 8.76 | 1.10 | 51.84 | 10.87 |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 3 | 9.64 | 32.72 | 21.98 | 116.50 | 46.53 | 7.18 | 69.98 | 9.77 |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 4 | 9.64 | 32.72 | | | 46.41 | 7.22 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 10 | 9.64 | 32.72 | | | 42.53 | 7.32 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 20 | 9.55 | 32.79 | | | 34.77 | 6.14 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 24 | 9.19 | 33.04 | | | 28.20 | 4.51 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 30 | 8.63 | 33.49 | | | | 0.92 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 40 | 8.26 | 33.72 | | | | 0.71 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 50 | 8.09 | 33.83 | | | | 0.74 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 60 | 7.98 | 33.85 | | | | 1.19 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 70 | 7.67 | 33.96 | | | | 0.69 | | |
| W0204A | 4/9/02 | 14:20 | 41 | HH-02 | 44.00 | -124.4 | 100 | 7.33 | 34.00 | | | 6.83 | 1.15 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 2 | 9.49 | 31.17 | 9.53 | 72.60 | 7.64 | 1.74 | 64.96 | 7.38 |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 10 | 9.49 | 31.17 | | | 13.33 | 2.49 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 20 | 9.26 | 31.49 | | | 8.45 | 2.09 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 30 | 8.83 | 32.50 | | | | 1.42 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 40 | 8.84 | 32.93 | | | | 1.10 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 50 | 8.67 | 33.46 | | | | 1.00 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 59 | 8.44 | 33.64 | | | | 0.56 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 69 | 8.31 | 33.71 | | | | 0.55 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 100 | 7.34 | 33.94 | | | | 0.56 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 125 | 6.85 | 34.03 | | | 5.09 | 0.65 | | |
| W0204A | 4/9/02 | 16:19 | 42 | HH-03 | 44.00 | -124.6 | 144 | 6.60 | 34.04 | | | 5.23 | 0.61 | | |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 2 | 9.52 | 31.82 | 10.00 | 84.20 | 16.35 | 2.83 | 67.85 | 7.07 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 5 | 9.52 | 31.82 | 9.38 | 85.40 | | | | |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 10 | 9.51 | 31.83 | 12.36 | 86.10 | 18.14 | 3.08 | 67.96 | 9.22 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 20 | 9.47 | 31.84 | 13.98 | 84.00 | 10.84 | 1.84 | 73.16 | 12.00 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 30 | 9.43 | 31.88 | 13.70 | 87.70 | 16.31 | 3.16 | 71.39 | 10.09 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 40 | 9.04 | 32.27 | 16.83 | 68.90 | 10.42 | 2.02 | 58.48 | 9.76 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 50 | 9.06 | 32.49 | 18.69 | 62.30 | | 0.72 | | 9.88 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 60 | 9.13 | 32.60 | 26.23 | 69.30 | | 0.54 | | 16.32 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 70 | 8.97 | 32.84 | 33.46 | 55.70 | | 0.61 | | 16.64 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 95 | 8.31 | 33.66 | 38.77 | 53.40 | | 0.51 | | 9.41 |
| W0204A | 4/9/02 | 17:52 | 43 | HH-04 | 44.00 | -124.8 | 110 | 8.30 | 33.68 | 39.05 | 58.50 | | 0.43 | | 9.56 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 2 | 10.03 | 31.91 | 8.15 | 95.70 | 11.19 | 1.44 | 84.51 | 5.94 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 10 | 9.90 | 31.95 | 7.80 | 88.70 | 12.69 | 1.49 | 76.01 | 6.13 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 20 | 9.67 | 32.05 | 8.89 | 88.80 | 13.48 | 2.04 | 75.32 | 6.05 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 25 | 9.55 | 32.10 | 9.87 | 78.40 | 11.08 | 1.91 | 67.32 | 6.62 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 30 | 9.19 | 32.22 | 12.20 | 87.20 | 9.42 | 1.92 | 77.78 | 6.67 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 40 | 9.10 | 32.49 | 13.95 | 77.10 | 8.53 | 1.69 | 68.57 | 6.48 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 50 | 9.00 | 32.49 | 15.37 | 71.30 | 9.80 | 1.55 | 61.50 | 7.47 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 70 | 8.75 | 32.48 | 15.16 | 69.10 | | 1.06 | | 6.00 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 100 | 8.65 | 33.37 | 29.32 | 64.00 | | 0.75 | | 5.11 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 150 | 7.55 | 33.89 | 37.62 | 60.60 | | | | 3.83 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 500 | 5.45 | 34.14 | 43.61 | 51.40 | | | | 1.32 |
| W0204A | 4/9/02 | 19:19 | 44 | HH-05 | 44.00 | -125. | 820 | 4.29 | 34.32 | 45.36 | 57.90 | | | | 0.01 |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 2 | 10.29 | 31.76 | 7.88 | 77.80 | 8.27 | 1.44 | 69.53 | 6.42 |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 10 | 10.29 | 31.76 | | | 9.16 | 1.47 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 20 | 9.75 | 32.02 | | | 14.91 | 1.88 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 30 | 9.16 | 32.37 | | | 19.74 | 3.29 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 40 | 9.05 | 32.42 | | | 9.90 | 1.75 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 50 | 9.01 | 32.47 | | | 8.01 | 1.27 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 70 | 8.89 | 32.64 | | | 5.00 | 0.88 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 100 | 8.71 | 33.37 | | | 5.51 | 0.87 | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 150 | 8.26 | 33.83 | | | | | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 900 | 4.02 | 34.36 | | | | | | |
| W0204A | 4/9/02 | 21:10 | 45 | HH-07 | 44.00 | -125.2 | 1005 | 3.73 | 34.40 | | | | | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 1 | 10.07 | 32.48 | 12.83 | 65.90 | 6.59 | 1.36 | 59.31 | 7.19 |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 10 | 10.05 | 32.48 | | | 7.05 | 1.50 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 20 | 9.93 | 32.51 | | | 6.35 | 1.27 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 30 | 9.81 | 32.51 | | | 5.91 | 1.32 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 40 | 9.46 | 32.52 | | | 4.94 | 1.08 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 45 | 9.44 | 32.53 | | | 4.38 | 0.90 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 50 | 9.22 | 32.52 | | | 4.05 | 0.81 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 70 | 8.96 | 32.54 | | | | 0.52 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 99 | 8.69 | 33.17 | | | | 0.41 | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 150 | 8.28 | 33.80 | | | | | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 910 | 3.88 | 34.37 | | | | | | |
| W0204A | 4/9/02 | 23:05 | 46 | HH-09 | 44.00 | -125.4 | 1004 | 3.64 | 34.40 | | | | | | |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 1 | 9.65 | 32.77 | 24.36 | 146.70 | 61.29 | 9.06 | 85.41 | 14.08 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 5 | 9.41 | 32.79 | 23.29 | 146.60 | 50.03 | 7.83 | 96.57 | 13.19 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 10 | 8.93 | 33.18 | 23.70 | 132.80 | 40.58 | 6.81 | 92.22 | 13.52 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 15 | 8.51 | 33.46 | 24.42 | 128.10 | 38.98 | 6.16 | 89.12 | 13.41 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 20 | 8.31 | 33.62 | 26.27 | 106.30 | 28.13 | 4.43 | 78.18 | 13.06 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 25 | 8.29 | 33.65 | 31.78 | 74.10 | 21.32 | 2.11 | 52.78 | 8.93 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 30 | 8.06 | 33.82 | 34.60 | 68.10 | 8.21 | 1.21 | 59.89 | 7.53 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 40 | 7.81 | 33.91 | 38.43 | 51.20 | 3.80 | 0.53 | 47.40 | 6.31 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 50 | 7.76 | 33.92 | 38.75 | 54.90 | 4.17 | 0.62 | 50.73 | 5.14 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 55 | 7.77 | 33.92 | 38.79 | 56.54 | 5.34 | 0.66 | 51.20 | 5.23 |
| W0204A | 4/6/02 | 22:13 | 20 | FM-03 | 43.22 | -124.5 | 60 | 7.76 | 33.92 | 38.59 | 53.50 | 5.53 | 0.77 | 47.97 | 5.09 |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 1 | 9.88 | 32.50 | 23.81 | 165.80 | 62.35 | 8.90 | 103.45 | 14.38 |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 5 | 9.81 | 32.52 | | | 59.85 | 8.83 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 10 | 9.58 | 32.63 | | | 45.12 | 7.33 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 20 | 9.35 | 32.79 | | | 29.83 | 5.60 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 30 | 9.23 | 32.89 | | | 15.29 | 2.98 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 41 | 9.14 | 33.00 | | | 12.25 | 2.23 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 50 | 8.76 | 33.45 | | | | 0.53 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 61 | 8.22 | 33.72 | | | | 0.67 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 70 | 7.83 | 33.90 | | | | 0.78 | | |
| W0204A | 4/6/02 | 20:00 | 18 | FM-04 | 43.22 | -124.58 | 80 | 7.69 | 33.91 | | | | | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 2 | 9.71 | 32.25 | 147.10 | 53.30 | 5.85 | 93.80 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 5 | 9.63 | 32.26 | | | 54.61 | 6.23 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 10 | 9.60 | 32.27 | | | 36.14 | 4.67 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 20 | 9.47 | 32.41 | | | 28.39 | 4.92 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 30 | 9.22 | 32.71 | | | 9.09 | 1.65 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 40 | 9.14 | 32.96 | | | 8.40 | 1.72 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 51 | 8.99 | 33.18 | | | 7.64 | 1.25 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 60 | 8.76 | 33.42 | | | 3.64 | 0.52 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 70 | 8.18 | 33.75 | | | 4.48 | 0.60 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 100 | 7.71 | 33.95 | | | 5.89 | 0.46 | | |
| W0204A | 4/6/02 | 17:23 | 17 | FM-05 | 43.22 | -124.67 | 151 | 6.98 | 34.02 | | | | | | |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 1 | 9.68 | 31.96 | 13.29 | 83.40 | 27.11 | 3.67 | 56.29 | 9.33 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 5 | 9.65 | 32.00 | 15.10 | 86.30 | 31.21 | 4.72 | 55.09 | 10.32 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 10 | 9.53 | 32.12 | 15.10 | 85.60 | 30.53 | 5.08 | 55.07 | 9.93 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 14 | 9.42 | 32.25 | 16.84 | 79.60 | 25.96 | 5.00 | 53.64 | 10.16 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 20 | 9.36 | 32.30 | 18.33 | | 21.43 | 4.31 | | 10.22 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 31 | 9.29 | 32.38 | 18.09 | 64.90 | 15.77 | 3.03 | 49.13 | 9.41 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 38 | 9.22 | 32.47 | 18.93 | 64.90 | 8.32 | 1.65 | 56.58 | 9.26 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 50 | 9.18 | 32.69 | 21.82 | 61.30 | 7.58 | 1.32 | 53.72 | 8.84 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 69 | 8.86 | 33.37 | 31.58 | 50.90 | | 0.46 | | 7.34 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 100 | 8.50 | 33.63 | 34.29 | 50.90 | 4.23 | 0.64 | 46.67 | 6.20 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 150 | 8.04 | 33.91 | 38.46 | 49.70 | | | | 6.15 |
| W0204A | 4/6/02 | 12:49 | 15 | FM-07 | 43.22 | -124.83 | 300 | 6.19 | 34.07 | 44.12 | 46.20 | | | | 4.80 |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 1 | 10.08 | 32.53 | 19.22 | 63.10 | 10.47 | 1.93 | 52.63 | 14.74 |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 5 | 10.10 | 32.53 | | | 9.39 | 1.83 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 10 | 10.10 | 32.53 | | | 10.74 | 2.07 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 20 | 10.01 | 32.55 | | | 14.42 | 2.74 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 30 | 9.91 | 32.55 | | | 8.70 | 1.41 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 39 | 9.83 | 32.57 | | | | 1.00 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 50 | 9.82 | 32.57 | | | 6.41 | 1.07 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 70 | 9.26 | 33.02 | | | | 0.53 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 100 | 8.54 | 33.59 | | | | 0.44 | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 150 | 8.06 | 33.91 | | | | | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 850 | 4.17 | 34.34 | | | | | | |
| W0204A | 4/6/02 | 10:32 | 14 | FM-08 | 43.22 | -125. | 999 | 3.75 | 34.41 | | | | | | |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 1 | 9.93 | 32.44 | 13.99 | 84.50 | 22.17 | 3.34 | 62.33 | 10.62 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 5 | 9.98 | 32.46 | 14.15 | 84.80 | 19.20 | 2.88 | 65.60 | 10.91 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 10 | 10.01 | 32.48 | 14.01 | 76.80 | 16.19 | 2.73 | 60.61 | 10.31 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 20 | 9.96 | 32.54 | 15.10 | 64.30 | 14.52 | 2.66 | 49.78 | 8.92 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 30 | 9.89 | 32.56 | 15.14 | 60.90 | 16.63 | 1.58 | 44.27 | 9.16 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 41 | 9.87 | 32.56 | 13.83 | 67.00 | 7.07 | 1.22 | 59.93 | 8.03 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 50 | 9.83 | 32.57 | 15.50 | 64.70 | 4.76 | 0.94 | 59.94 | 9.30 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 70 | 9.41 | 32.84 | 15.44 | 64.60 | 4.65 | 0.93 | 59.95 | 8.89 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 99 | 8.70 | 33.59 | 34.55 | 53.00 | | 0.43 | | 7.16 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 150 | 8.30 | 33.84 | 37.70 | 52.70 | | | | 6.22 |
| W0204A | 4/6/02 | 8:31 | 13 | FM-09 | 43.22 | -125.17 | 1000 | 3.77 | 34.41 | 49.42 | 48.70 | | | | 0.98 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 2 | 8.76 | 33.58 | 37.70 | 77.40 | 20.29 | 3.94 | 57.11 | 13.38 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 5 | 8.76 | 33.57 | 37.28 | 69.50 | 20.92 | 4.27 | 48.58 | 12.03 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 10 | 8.63 | 33.71 | 36.38 | 67.10 | 14.90 | 3.20 | 52.20 | 8.57 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 15 | 8.43 | 33.80 | 37.53 | 56.50 | 10.62 | 2.45 | 45.88 | 6.93 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 20 | 8.31 | 33.84 | 39.34 | 54.30 | 9.25 | 1.71 | 45.05 | 7.70 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 25 | 8.12 | 33.90 | 41.08 | 56.20 | 13.35 | 2.51 | 42.85 | 6.30 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 30 | 8.10 | 33.91 | 42.35 | 60.80 | 14.28 | 2.47 | 46.52 | 7.44 |
| W0204A | 4/8/02 | 15:04 | 33 | RR-01 | 42.50 | -124.5 | 32 | 8.10 | 33.91 | 42.48 | 65.20 | 19.57 | 3.45 | 45.63 | 7.07 |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 2 | 8.85 | 33.63 | 32.38 | 103.00 | 12.69 | 2.49 | 90.31 | 9.54 |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 5 | 8.85 | 33.63 | | | 14.93 | 3.10 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 10 | 8.82 | 33.64 | | | 13.35 | 3.00 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 20 | 8.79 | 33.65 | | | 12.14 | 3.04 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 30 | 8.09 | 33.90 | | | | 1.27 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 40 | 7.90 | 33.95 | | | 8.44 | 1.96 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 50 | 7.87 | 33.96 | | | 5.63 | 1.08 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 60 | 7.85 | 33.97 | | | 5.15 | 0.79 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 70 | 7.84 | 33.97 | | | 5.91 | 0.87 | | |
| W0204A | 4/8/02 | 16:10 | 34 | RR-02 | 42.50 | -124.6 | 83 | 7.84 | 33.97 | | | 6.67 | 1.04 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 2 | 8.71 | 33.63 | 33.99 | 86.90 | 20.32 | 4.41 | 66.58 | 6.59 |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 5 | 8.63 | 33.68 | | | 15.50 | 3.64 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 10 | 8.62 | 33.71 | | | 17.70 | 4.11 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 15 | 8.61 | 33.72 | | | 15.25 | 3.68 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 19 | 8.60 | 33.74 | | | 16.45 | 3.77 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 30 | 8.60 | 33.75 | | | 12.42 | 2.92 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 40 | 8.56 | 33.77 | | | 11.74 | 2.68 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 51 | 8.54 | 33.77 | | | 11.30 | 2.63 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 60 | 8.44 | 33.79 | | | 12.07 | 2.43 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 70 | 8.15 | 33.87 | | | 8.06 | 1.12 | | |
| W0204A | 4/8/02 | 18:01 | 35 | RR-03 | 42.50 | -124.7 | 120 | 7.70 | 33.98 | | | 8.93 | 1.60 | | |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 1 | 9.65 | 32.88 | 23.88 | 141.60 | 53.50 | 8.63 | 88.10 | 10.84 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 5 | 9.35 | 32.97 | 25.96 | 113.70 | 36.89 | 6.93 | 76.81 | 9.52 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 10 | 9.24 | 33.02 | 26.35 | 88.40 | 22.27 | 4.49 | 66.13 | 7.33 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 20 | 9.00 | 33.25 | 30.23 | 68.40 | 18.07 | 2.77 | 50.33 | 4.97 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 30 | 8.69 | 33.51 | 34.86 | 61.10 | | 0.85 | | 6.41 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 40 | 8.61 | 33.60 | 35.06 | 52.30 | | 0.87 | | 5.52 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 50 | 8.39 | 33.73 | 35.86 | 53.50 | 5.26 | 1.08 | 48.24 | 4.01 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 70 | 8.14 | 33.87 | 37.44 | | 5.76 | 1.11 | | 3.85 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 100 | 7.76 | 33.97 | 38.94 | 49.10 | 6.18 | 1.19 | 42.92 | 2.52 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 150 | 7.65 | 34.00 | 39.60 | 48.20 | | | | 3.71 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 450 | 5.98 | 34.09 | 40.34 | 49.40 | | | | 4.40 |
| W0204A | 4/8/02 | 20:05 | 36 | RR-04 | 42.50 | -124.8 | 500 | 5.72 | 34.11 | 44.03 | 47.40 | | | | 0.73 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 1 | 10.44 | 32.22 | 10.91 | 113.40 | 37.79 | 3.63 | 75.61 | 7.21 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 10 | 9.81 | 32.23 | 11.56 | | 36.79 | 3.86 | | 7.60 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 19 | 9.78 | 32.24 | 11.45 | 101.30 | 33.75 | 4.51 | 67.55 | 6.63 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 25 | 9.76 | 32.24 | 11.54 | 101.80 | 24.45 | 4.05 | 77.35 | 7.10 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 30 | 9.27 | 32.32 | 13.71 | 83.80 | 18.07 | 3.06 | 65.73 | 6.47 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 39 | 9.55 | 32.53 | 15.38 | 71.30 | 10.26 | 1.74 | 61.04 | 5.54 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 50 | 9.38 | 32.77 | 23.44 | 60.80 | | 1.09 | | 7.68 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 70 | 8.83 | 33.48 | 30.96 | 63.20 | | 0.56 | | 5.05 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 100 | 8.45 | 33.76 | 34.78 | 61.70 | | 0.42 | | 4.33 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 150 | 8.02 | 33.91 | 37.39 | 52.70 | 3.95 | 0.70 | 48.75 | 3.58 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 200 | 7.64 | 34.01 | 38.93 | 52.80 | | | | 6.67 |
| W0204A | 4/9/02 | 0:20 | 38 | RR-06 | 42.50 | -125. | 1005 | 3.61 | 34.43 | 47.58 | 41.10 | | | | 2.64 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 2 | 10.24 | 32.39 | 17.53 | | 17.74 | 2.31 | | 15.20 |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 10 | 10.21 | 32.39 | | | 16.98 | 2.18 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 20 | 10.02 | 32.43 | | | 19.89 | 2.68 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 26 | 9.88 | 32.50 | | | 13.14 | 2.35 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 50 | 9.69 | 32.56 | | | 14.70 | 2.40 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 70 | 9.37 | 32.82 | | | 5.57 | 0.99 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 100 | 8.70 | 33.50 | | | | 0.52 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 150 | 8.41 | 33.87 | | | | 0.39 | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 830 | 4.09 | 34.35 | | | | | | |
| W0204A | 4/9/02 | 2:24 | 39 | RR-07 | 42.50 | -125.2 | 1006 | 3.65 | 34.43 | | | | | | |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 2 | 9.74 | 33.15 | 24.57 | 128.80 | 44.93 | 6.53 | 83.87 | 11.66 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 5 | 9.74 | 33.15 | 25.33 | 131.30 | 44.85 | 6.68 | 86.45 | 11.16 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 10 | 9.58 | 33.23 | 27.72 | 114.20 | 31.64 | 5.09 | 82.56 | 10.09 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 15 | 8.73 | 33.73 | 34.82 | 80.60 | 25.13 | 4.05 | 55.47 | 6.97 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 20 | 8.63 | 33.77 | 34.90 | 76.60 | 15.36 | 3.17 | 61.24 | 5.98 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 25 | 8.49 | 33.78 | 36.03 | 74.20 | 17.24 | 2.59 | 56.96 | 5.13 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 30 | 8.28 | 33.83 | 39.12 | 83.50 | 20.82 | 3.24 | 62.68 | 4.18 |
| W0204A | 4/8/02 | 0:56 | 30 | CR-01 | 41.90 | -124.3 | 34 | 8.26 | 33.85 | 40.83 | 90.60 | 27.05 | 4.07 | 63.55 | 4.93 |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 2 | 9.62 | 33.31 | 23.95 | 101.30 | 26.32 | 4.63 | 74.98 | 9.01 |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 5 | 9.64 | 33.30 | | | 32.85 | 5.52 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 10 | 9.60 | 33.33 | | | 30.90 | 5.14 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 20 | 9.12 | 33.61 | | | 8.61 | 1.77 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 30 | 8.95 | 33.64 | | | | 1.27 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 40 | 8.55 | 33.78 | | | | 1.10 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 50 | 8.23 | 33.91 | | | | 0.58 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 60 | 8.15 | 33.93 | | | 3.93 | 0.64 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 70 | 7.97 | 33.99 | | | 3.91 | 0.59 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 100 | 7.92 | 34.00 | | | 6.31 | 0.79 | | |
| W0204A | 4/8/02 | 4:16 | 32 | CR-03 | 41.90 | -124.5 | 133 | 7.92 | 34.00 | | | 7.57 | 0.83 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 2 | 9.26 | 33.39 | 32.24 | 70.10 | 6.76 | 1.44 | 63.34 | 8.98 |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 9 | 9.26 | 33.39 | | | 9.10 | 1.52 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 20 | 9.19 | 33.39 | | | 7.95 | 1.54 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 25 | 9.05 | 33.43 | | | 7.00 | 1.21 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 30 | 8.89 | 33.50 | | | | 1.00 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 40 | 8.79 | 33.57 | | | | 0.75 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 50 | 8.66 | 33.64 | | | 4.16 | 0.54 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 70 | 8.52 | 33.72 | | | 4.29 | 0.50 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 100 | 8.33 | 33.84 | | | 3.86 | 0.40 | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 150 | 8.21 | 34.03 | | | | | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 449 | 5.83 | 34.10 | | | | | | |
| W0204A | 4/7/02 | 22:55 | 29 | CR-04 | 41.90 | -124.6 | 495 | 5.69 | 34.11 | | | | | | |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 2 | 9.54 | 33.29 | 27.78 | 74.50 | 17.51 | 3.12 | 56.99 | 6.45 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 10 | 9.54 | 33.28 | 27.84 | 79.10 | 17.10 | 2.97 | 62.00 | 6.92 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 20 | 9.44 | 33.29 | 28.59 | 79.10 | 11.95 | 2.37 | 67.15 | 7.17 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 30 | 9.04 | 33.39 | 30.87 | 70.30 | 5.31 | 1.06 | 64.99 | 6.26 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 40 | 8.80 | 33.53 | 33.46 | 64.70 | 5.86 | 0.95 | 58.84 | 5.76 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 50 | 8.56 | 33.68 | 35.50 | 62.10 | 5.03 | 0.75 | 57.07 | 4.79 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 70 | 8.40 | 33.77 | 36.30 | 60.70 | 5.93 | 0.54 | 54.77 | 4.41 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 100 | 8.06 | 33.92 | | 59.90 | | 0.35 | | |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 150 | 7.58 | 34.01 | 39.92 | 63.50 | | | | 3.27 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 401 | 6.03 | 34.09 | 44.90 | 57.40 | | | | 0.65 |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 500 | 5.36 | 34.15 | | 56.10 | | | | |
| W0204A | 4/7/02 | 21:26 | 28 | CR-05 | 41.90 | -124.7 | 645 | 4.79 | 34.23 | | 52.00 | | | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 2 | 10.04 | 32.57 | 16.32 | 108.50 | 26.16 | 3.61 | 82.34 | 11.78 |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 5 | 10.04 | 32.57 | | | 27.47 | 4.42 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 10 | 10.00 | 32.57 | | | 23.34 | 3.84 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 20 | 9.72 | 32.59 | | | 14.03 | 2.62 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 30 | 9.61 | 32.65 | | | 12.82 | 2.43 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 41 | 9.44 | 32.73 | | | 10.54 | 1.57 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 50 | 9.48 | 32.81 | | | 8.66 | 1.55 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 70 | 9.18 | 33.07 | | | | 1.25 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 100 | 8.80 | 33.48 | | | 4.79 | 0.69 | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 151 | 8.22 | 33.87 | | | | | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 501 | 5.27 | 34.14 | | | | | | |
| W0204A | 4/7/02 | 18:24 | 26 | CR-07 | 41.90 | -125. | 836 | 4.16 | 34.36 | | | | | | |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 2 | 10.09 | 32.61 | 16.60 | 80.90 | 7.07 | 1.76 | 73.83 | 9.72 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 4 | 10.09 | 32.61 | 16.24 | 71.20 | 7.26 | 1.69 | 63.94 | 9.57 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 10 | 10.09 | 32.61 | 15.47 | 71.40 | 10.78 | 1.87 | 60.62 | 8.63 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 20 | 10.09 | 32.61 | 15.47 | 82.20 | 14.52 | 2.23 | 67.68 | 8.29 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 30 | 10.06 | 32.61 | 16.39 | 71.60 | 14.93 | 2.24 | 56.67 | 9.15 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 40 | 10.02 | 32.62 | 15.52 | 71.00 | | 1.60 | | 8.49 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 50 | 10.01 | 32.65 | 15.09 | 73.60 | 9.15 | 1.84 | 64.45 | 8.04 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 70 | 9.43 | 32.91 | 24.61 | 69.20 | 4.95 | 1.01 | 64.25 | 9.72 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 100 | 9.22 | 33.15 | 28.71 | 66.10 | 4.08 | 0.79 | 62.02 | 8.77 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 150 | 8.80 | 33.50 | 34.02 | 63.00 | | | | 7.03 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 770 | 4.38 | 34.32 | 50.22 | 51.90 | | | | 0.45 |
| W0204A | 4/7/02 | 14:26 | 24 | CR-09 | 41.90 | -125.4 | 1006 | 3.75 | 34.42 | 50.26 | 45.40 | | | | 0.05 |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 1 | 10.22 | 32.69 | 16.51 | 80.70 | 16.23 | 2.58 | 64.47 | 10.47 |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 10 | 10.23 | 32.69 | | | 11.07 | 1.92 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 15 | 10.34 | 32.73 | | | 18.08 | 3.45 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 20 | 10.45 | 32.79 | | | 12.37 | 2.26 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 30 | 10.15 | 32.81 | | | 9.41 | 1.58 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 40 | 9.86 | 32.78 | | | 8.10 | 1.34 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 50 | 10.12 | 32.87 | | | 8.03 | 1.15 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 70 | 9.53 | 33.11 | | | 7.30 | 1.12 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 100 | 8.86 | 33.56 | | | 5.10 | 0.58 | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 150 | 8.17 | 33.84 | | | | | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 390 | 6.04 | 34.08 | | | | | | |
| W0204A | 4/7/02 | 9:44 | 22 | CR-11 | 41.90 | -126. | 1000 | 3.77 | 34.41 | | | | | | |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 5 | 13.29 | 33.05 | 25.61 | 399.40 | | 11.04 | | 13.66 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 10 | 8.45 | 33.47 | 38.86 | 139.68 | 48.53 | 6.09 | 91.15 | 7.11 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 15 | 9.05 | 33.53 | 37.65 | 116.50 | | | | |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 20 | 7.66 | 33.81 | | 63.10 | 45.17 | 4.67 | 17.93 | |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 25 | 7.50 | 33.87 | 40.98 | 59.50 | 9.99 | 1.40 | 49.51 | 3.60 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 30 | 7.32 | 33.93 | 40.68 | 62.80 | 12.10 | 1.55 | 50.70 | 2.52 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.31 | 33.94 | 41.02 | 63.90 | 9.12 | 1.24 | 54.78 | 3.67 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.28 | 33.94 | 41.04 | 57.00 | 18.80 | 2.20 | 38.20 | 1.65 |
| W0207A | 7/9/02 | 23:53 | 3 | NH-05 | 44.65 | -124.18 | 55 | 7.28 | 33.94 | 42.03 | 55.90 | 10.74 | 1.55 | 45.16 | 6.26 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 2 | 15.67 | 29.55 | 11.41 | 155.40 | 54.33 | 4.49 | 101.07 | 6.91 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 4 | 15.64 | 29.56 | 11.70 | 139.30 | 48.17 | 4.22 | 91.13 | 7.41 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 10 | 11.05 | 32.04 | 21.66 | 79.80 | 18.39 | 3.11 | 61.41 | 6.29 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 20 | 7.50 | 32.92 | 34.83 | 64.30 | 5.83 | 0.67 | 58.47 | 3.24 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 30 | 7.05 | 33.26 | 32.61 | 61.20 | | 0.48 | | 3.78 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 40 | 7.44 | 33.51 | 35.65 | 58.60 | | 0.35 | | 3.62 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 49 | 7.48 | 33.59 | 37.01 | 60.20 | 4.78 | 0.44 | 55.42 | 2.93 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 60 | 7.59 | 33.78 | 37.33 | 51.30 | 6.77 | 0.47 | 44.53 | 2.72 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 70 | 7.60 | 33.85 | 37.71 | 58.90 | 5.55 | 0.55 | 53.35 | 3.47 |
| W0207A | 7/10/02 | 4:59 | 6 | NH-15 | 44.65 | -124.41 | 85 | 7.32 | 33.92 | 41.75 | 53.40 | 6.19 | 0.81 | 47.21 | 2.87 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 2 | 15.97 | 28.70 | 10.52 | | | | | |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 10 | 14.47 | 30.68 | 10.55 | 98.10 | 23.49 | 4.04 | 74.61 | 5.93 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 17 | 11.08 | 31.99 | 20.17 | 83.10 | 17.79 | 2.80 | 65.31 | 4.76 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 20 | 8.37 | 32.28 | 19.35 | 66.50 | 9.60 | 1.35 | 56.90 | 6.05 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 30 | 8.08 | 32.38 | 17.26 | 55.00 | 6.86 | 1.08 | 48.14 | 6.12 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 40 | 7.44 | 32.50 | 23.42 | 55.00 | 5.34 | 0.59 | 49.66 | 5.02 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 50 | 7.47 | 32.97 | 35.33 | 49.90 | 6.05 | 0.66 | 43.85 | 4.37 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 70 | 7.37 | 33.43 | 33.43 | 49.50 | 5.19 | 0.56 | 44.31 | 2.46 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 100 | 7.52 | 33.87 | 39.29 | 51.30 | 6.77 | 0.64 | 44.53 | 1.46 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 150 | 6.82 | 33.99 | 40.27 | 49.90 | | | | 1.20 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 200 | 6.50 | 34.02 | 41.10 | 47.50 | | | | 1.99 |
| W0207A | 7/10/02 | 7:40 | 7 | NH-25 | 44.65 | -124.65 | 223 | 6.48 | 34.02 | 41.21 | 47.50 | | | | 4.77 |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 1 | 16.52 | 27.85 | 10.54 | | 16.95 | 2.56 | | 7.94 |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 9 | 15.03 | 31.74 | | | 7.99 | 1.31 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 20 | 10.19 | 32.22 | | | 9.32 | 1.74 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 27 | 9.35 | 32.26 | | | 7.69 | 1.47 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.12 | 32.33 | | | 7.42 | 1.32 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 40 | 7.88 | 32.37 | | | 7.17 | 1.27 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 49 | 7.57 | 32.42 | | | 6.30 | 0.87 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 69 | 7.40 | 32.83 | | | 6.25 | 0.81 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 98 | 7.42 | 33.45 | | | 4.09 | 0.49 | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 149 | 7.24 | 33.95 | | | | | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 364 | 5.94 | 34.08 | | | | | | |
| W0207A | 7/10/02 | 10:45 | 8 | NH-35 | 44.65 | -124.88 | 430 | 5.79 | 34.10 | | | | | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 1 | 16.90 | 28.32 | 8.69 | | 11.22 | 1.63 | | 7.06 |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 10 | 15.11 | 31.66 | | | 9.69 | 1.51 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 20 | 13.00 | 32.08 | | | 9.54 | 1.71 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 30 | 10.59 | 32.20 | | | 11.29 | 2.07 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 37 | 9.16 | 32.30 | | | 11.78 | 2.04 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 40 | 8.93 | 32.32 | | | 8.02 | 1.50 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 50 | 8.13 | 32.37 | | | 6.03 | 1.04 | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 70 | 7.47 | 32.58 | | | | | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 100 | 7.34 | 33.23 | | | | | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 150 | 7.40 | 33.89 | | | | | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 499 | 5.10 | 34.14 | | | | | | |
| W0207A | 7/10/02 | 14:53 | 9 | NH-45 | 44.65 | -125.12 | 660 | 4.41 | 34.27 | | | | | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 1 | 16.88 | 31.42 | 7.24 | | 6.44 | 1.04 | | 6.16 |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 10 | 15.95 | 31.92 | | | 6.31 | 0.94 | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 20 | 14.82 | 31.96 | | | 10.23 | 1.48 | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 30 | 10.94 | 32.35 | | | 16.65 | 2.82 | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 38 | 9.77 | 32.40 | | | 11.51 | 2.45 | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 40 | 9.53 | 32.41 | | | | | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 50 | 8.98 | 32.40 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 70 | 8.23 | 32.40 | | | | | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 100 | 7.69 | 33.15 | | | 2.41 | 0.34 | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 150 | 7.70 | 33.83 | | | | | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 500 | 5.28 | 34.14 | | | | | | |
| W0207A | 7/10/02 | 21:22 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.56 | 34.42 | | | | | | |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 3 | 16.63 | 32.05 | 7.71 | | 8.07 | 1.24 | | 6.47 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 10 | 16.56 | 32.08 | 8.18 | | 7.27 | 1.20 | | 6.94 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 20 | 15.89 | 32.19 | 8.12 | | 8.24 | 1.42 | | 6.71 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 30 | 12.49 | 32.38 | 10.41 | | | | | |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 36 | 10.64 | 32.38 | 11.85 | | | | | |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.71 | 32.39 | 13.10 | | | | | |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 50 | 9.12 | 32.39 | 14.73 | 75.50 | 7.16 | 1.23 | 68.34 | 6.82 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 70 | 8.49 | 32.37 | 15.90 | 68.20 | 5.03 | 0.71 | 63.17 | 6.26 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 100 | 7.49 | 32.59 | 21.60 | 62.20 | 2.90 | 0.36 | 59.30 | 6.03 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.72 | 33.64 | 32.83 | 53.80 | | | | 5.14 |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 639 | 4.71 | 34.21 | 47.66 | 43.50 | | | | |
| W0207A | 7/11/02 | 0:21 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.65 | 34.39 | 48.50 | 54.60 | | | | 0.94 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 2 | 8.67 | 33.85 | 42.72 | 70.70 | 22.07 | 4.36 | 48.63 | 5.74 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 5 | 8.62 | 33.84 | 42.14 | 84.80 | 16.65 | 3.34 | 68.15 | 3.84 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 10 | 8.00 | 33.86 | 42.49 | 60.60 | 12.88 | 2.70 | 47.72 | 5.16 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 15 | 8.13 | 33.85 | 42.43 | 55.60 | 10.23 | 2.19 | 45.37 | 5.75 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 20 | 7.63 | 33.87 | 41.96 | 52.70 | 8.06 | 1.50 | 44.64 | 3.45 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 25 | 7.59 | 33.87 | 42.23 | 55.10 | 6.63 | 1.32 | 48.47 | 3.55 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 30 | 7.60 | 33.89 | 42.66 | 55.50 | 9.67 | 1.55 | 45.83 | 3.84 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 35 | 7.60 | 33.90 | 43.07 | 53.30 | 10.15 | 1.95 | 43.15 | 3.83 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 40 | 7.56 | 33.92 | 42.68 | 55.00 | 10.29 | 1.88 | 44.71 | 3.69 |
| W0207A | 7/14/02 | 12:50 | 40 | HH-01 | 44.00 | -124.2 | 50 | 7.48 | 33.94 | 45.17 | 57.80 | 15.34 | 3.06 | 42.46 | 5.02 |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 2 | 10.65 | 33.20 | 32.27 | 157.90 | 90.20 | 16.42 | 67.70 | 11.29 |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 5 | 10.64 | 33.21 | | | 20.11 | 3.90 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 10 | 9.84 | 33.38 | | | 35.99 | 7.18 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 20 | 9.42 | 33.46 | | | 38.99 | 7.57 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 30 | 7.72 | 33.66 | | | 8.20 | 1.36 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 35 | 7.78 | 33.84 | | | 6.91 | 0.67 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 40 | 7.67 | 33.86 | | | 5.39 | 0.67 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 50 | 7.59 | 33.88 | | | 5.05 | 0.77 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 60 | 7.45 | 33.94 | | | 7.73 | 0.71 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 70 | 7.25 | 33.96 | | | 6.31 | 0.59 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 100 | 7.05 | 34.00 | | | 6.82 | 1.29 | | |
| W0207A | 7/14/02 | 14:04 | 41 | HH-02 | 44.00 | -124.4 | 110 | 6.99 | 34.00 | | | 9.36 | 1.79 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 2 | 13.82 | 32.33 | 20.79 | 153.60 | 60.46 | 10.38 | 93.14 | 10.36 |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 10 | 8.12 | 32.75 | | | 16.34 | 3.07 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 20 | 7.41 | 33.12 | | | 6.69 | 1.37 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 30 | 7.33 | 33.22 | | | 3.91 | 0.94 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 40 | 7.61 | 33.61 | | | 3.38 | 0.90 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 50 | 7.57 | 33.79 | | | 3.99 | 0.41 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 60 | 7.50 | 33.88 | | | 4.73 | 0.65 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 70 | 7.43 | 33.92 | | | 4.34 | 0.79 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 100 | 7.07 | 33.98 | | | 7.58 | 1.06 | | |
| W0207A | 7/14/02 | 15:27 | 42 | HH-03 | 44.00 | -124.6 | 145 | 6.68 | 34.03 | | | 8.51 | 1.45 | | |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 2 | 13.16 | 31.52 | 17.89 | 125.40 | 52.59 | 8.65 | 72.81 | 9.16 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 5 | 13.14 | 31.52 | 17.10 | 122.90 | 53.15 | 8.72 | 69.75 | 8.15 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 7 | 12.87 | 31.60 | 17.58 | 117.90 | 46.81 | 8.43 | 71.09 | 7.25 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 10 | 12.24 | 31.85 | 19.18 | 102.20 | 35.41 | 7.03 | 66.79 | 6.57 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 20 | 9.24 | 32.38 | 28.79 | 77.90 | 12.74 | 2.24 | 65.16 | 4.45 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 30 | 7.82 | 32.75 | 32.66 | 70.00 | 7.92 | 1.32 | 62.08 | 3.28 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 40 | 7.34 | 33.08 | 32.51 | 58.30 | 4.38 | 0.76 | 53.92 | 3.14 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 50 | 7.41 | 33.36 | 35.12 | 57.60 | 4.14 | 0.68 | 53.46 | 3.15 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 60 | 7.53 | 33.64 | 37.88 | 54.40 | 6.75 | 1.08 | 47.65 | 2.48 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 70 | 7.38 | 33.82 | 39.53 | 54.90 | 4.90 | 0.81 | 50.00 | 1.74 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 89 | 7.32 | 33.87 | 39.99 | 53.50 | 3.96 | 0.68 | 49.54 | 1.49 |
| W0207A | 7/14/02 | 16:50 | 43 | HH-04 | 44.00 | -124.8 | 105 | 7.13 | 33.94 | 41.03 | 55.90 | 4.14 | 0.63 | 51.76 | 2.01 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 1 | 14.68 | 31.09 | 10.76 | 100.70 | 20.75 | 3.36 | 79.95 | 7.20 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 9 | 12.53 | 31.87 | | 87.00 | 16.81 | 2.57 | 70.19 | |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 20 | 8.42 | 32.43 | | 68.90 | 6.39 | 1.09 | 62.51 | |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 30 | 7.29 | 32.68 | 24.95 | 72.00 | 4.91 | 0.53 | 67.09 | 4.39 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 40 | 7.89 | 33.12 | 27.49 | 63.60 | 6.19 | 0.46 | 57.41 | 3.86 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 50 | 7.91 | 33.34 | 30.65 | 70.80 | 4.14 | 0.34 | 66.66 | 3.90 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 70 | 7.99 | 33.62 | 33.52 | 59.80 | 3.94 | 0.39 | 55.86 | 3.14 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 100 | 7.53 | 33.88 | 37.77 | 61.50 | 5.74 | 0.64 | 55.76 | 2.61 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 150 | 7.11 | 34.00 | 40.03 | 58.30 | | | | 2.40 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 375 | 5.99 | 34.09 | 43.21 | 58.30 | | | | 0.80 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 470 | 5.68 | 34.14 | 44.53 | 51.40 | | | | 0.46 |
| W0207A | 7/14/02 | 18:13 | 44 | HH-05 | 44.00 | -125. | 500 | 5.52 | 34.16 | 44.82 | 47.80 | | | | 0.94 |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 2 | 15.20 | 31.04 | 10.74 | 95.10 | 18.42 | 3.09 | 76.68 | 7.46 |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 10 | 13.92 | 31.41 | | | 16.13 | 2.97 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 14 | 10.13 | 32.13 | | | 10.36 | 1.87 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 19 | 8.29 | 32.29 | | | 6.75 | 1.34 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 30 | 7.88 | 32.38 | | | 5.33 | 0.80 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 40 | 7.38 | 32.49 | | | 4.67 | 0.52 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 50 | 7.21 | 32.73 | | | 4.20 | 0.54 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 70 | 7.60 | 33.23 | | | 2.64 | | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 100 | 7.90 | 33.71 | | | 2.96 | 0.34 | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 150 | 7.40 | 33.96 | | | | | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 643 | 4.46 | 34.23 | | | | | | |
| W0207A | 7/14/02 | 20:11 | 45 | HH-07 | 44.00 | -125.2 | 1005 | 3.60 | 34.42 | | | | | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 2 | 15.02 | 31.11 | 10.89 | 93.40 | 17.17 | 2.96 | 76.23 | 7.59 |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 10 | 14.19 | 31.42 | | | 25.03 | 4.36 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 18 | 13.33 | 31.66 | | | 19.25 | 3.81 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 20 | 13.11 | 31.73 | | | 17.33 | 3.23 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 30 | 8.92 | 32.39 | | | 8.70 | 1.63 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 40 | 8.10 | 32.51 | | | 5.74 | 0.96 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 50 | 7.50 | 32.71 | | | 4.84 | 0.64 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 70 | 7.46 | 33.02 | | | 3.85 | 0.47 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 100 | 7.84 | 33.61 | | | 3.77 | 0.47 | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 150 | 7.53 | 33.93 | | | | | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 690 | 4.42 | 34.25 | | | | | | |
| W0207A | 7/14/02 | 22:02 | 46 | HH-09 | 44.00 | -125.4 | 1004 | 3.68 | 34.41 | | | | | | |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 2 | 11.02 | 33.43 | 30.20 | 256.00 | 48.36 | 7.31 | 207.64 | 20.74 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 5 | 10.89 | 33.43 | 33.29 | 253.80 | 23.19 | 4.52 | 230.61 | 24.76 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 10 | 8.79 | 33.58 | 37.18 | 97.20 | 57.28 | 7.96 | 39.92 | 3.72 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 15 | 7.99 | 33.71 | 38.65 | 63.60 | 9.95 | 1.97 | 53.65 | 3.92 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 20 | 7.68 | 33.82 | 39.67 | 58.50 | | | | |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 25 | 7.60 | 33.85 | 39.65 | 60.40 | | | | |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 28 | 7.51 | 33.88 | 39.95 | 54.90 | | | | |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 34 | 7.38 | 33.93 | 40.99 | 63.70 | 7.51 | 1.38 | 56.19 | 3.15 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 40 | 7.38 | 33.93 | 40.54 | 52.30 | 10.01 | 1.68 | 42.29 | 2.68 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 50 | 7.38 | 33.93 | 40.32 | | 16.39 | 2.49 | | 0.63 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 54 | 7.38 | 33.93 | 40.68 | 66.90 | 8.78 | 1.27 | 58.12 | 2.28 |
| W0207A | 7/11/02 | 23:37 | 20 | FM-03 | 43.22 | -124.5 | 61 | 7.38 | 33.93 | 40.81 | | 14.78 | 2.38 | | 1.72 |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 1 | 11.44 | 33.37 | 30.72 | 300.40 | 100.15 | 12.68 | 200.25 | 16.68 |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 4 | 11.25 | 33.36 | | | 66.35 | 9.38 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 10 | 8.48 | 33.62 | | | 17.01 | 3.26 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 19 | 7.54 | 33.89 | | | 6.81 | 1.27 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 30 | 7.44 | 33.95 | | | 6.49 | 1.02 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 40 | 7.36 | 33.97 | | | 4.20 | 0.62 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 49 | 7.31 | 33.97 | | | 6.37 | 0.75 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 60 | 7.20 | 33.99 | | | 6.49 | 1.11 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 70 | 7.20 | 33.99 | | | 6.32 | 0.88 | | |
| W0207A | 7/11/02 | 21:44 | 19 | FM-04 | 43.22 | -124.58 | 81 | 7.20 | 33.99 | | | 4.79 | 0.74 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 2 | 11.56 | 33.09 | 25.91 | 164.60 | 43.27 | 7.92 | 121.33 | 14.36 |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 10 | 10.84 | 33.01 | | | 48.97 | 8.02 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 20 | 7.90 | 32.91 | | | 12.11 | 1.69 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 30 | 7.99 | 33.50 | | | 8.16 | 1.39 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 40 | 7.60 | 33.84 | | | 5.96 | 1.19 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 50 | 7.55 | 33.90 | | | 6.22 | 1.10 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 60 | 7.45 | 33.95 | | | 4.48 | 0.84 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 70 | 7.41 | 33.97 | | | 3.87 | 0.71 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 100 | 7.11 | 34.00 | | | 4.66 | 0.91 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 111 | 7.07 | 34.01 | | | 4.79 | 0.90 | | |
| W0207A | 7/11/02 | 19:17 | 18 | FM-05 | 43.22 | -124.67 | 150 | 6.94 | 34.02 | | | 6.53 | 0.96 | | |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 2 | 14.52 | 31.83 | 10.92 | 140.40 | 15.09 | 2.53 | 125.31 | 8.35 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 10 | 14.49 | 31.83 | 10.65 | 117.90 | 14.66 | 2.57 | 103.24 | 8.02 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 20 | 11.05 | 32.11 | 14.95 | 104.10 | 20.81 | 3.64 | 83.29 | 8.61 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 22 | 10.20 | 32.13 | 19.10 | 93.80 | 19.71 | 3.56 | 74.09 | 8.30 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 30 | 7.83 | 32.36 | 23.45 | 67.60 | 8.52 | 1.37 | 59.08 | 7.19 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 40 | 7.53 | 32.61 | 24.49 | 64.90 | 4.69 | 0.62 | 60.21 | 6.35 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 50 | 7.45 | 32.89 | 28.51 | 71.80 | 5.29 | 0.64 | 66.51 | 6.44 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 70 | 7.87 | 33.64 | 35.95 | 66.60 | 4.67 | 0.56 | 61.93 | 5.09 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 100 | 7.47 | 33.93 | 40.02 | 60.30 | 4.06 | 0.51 | 56.24 | 4.45 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 150 | 6.99 | 34.01 | 40.28 | 47.20 | | | | 4.34 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 240 | 6.54 | 34.03 | 42.38 | 46.20 | | | | 4.37 |
| W0207A | 7/11/02 | 14:43 | 16 | FM-07 | 43.22 | -124.83 | 300 | 6.25 | 34.07 | 43.25 | 46.80 | | | | 4.31 |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 1 | 15.34 | 31.39 | 7.97 | 87.10 | 8.57 | 1.54 | 78.53 | 6.43 |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 10 | 15.30 | 31.39 | | | 7.91 | 1.47 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 20 | 10.78 | 32.10 | | | 9.95 | 1.83 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 30 | 7.91 | 32.41 | | | 6.96 | 1.07 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 34 | 7.77 | 32.47 | | | 5.51 | 0.77 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 40 | 7.79 | 32.71 | | | 4.55 | 0.58 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 50 | 8.01 | 33.06 | | | 4.45 | 0.59 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 70 | 7.98 | 33.54 | | | 4.16 | 0.51 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 100 | 7.74 | 33.86 | | | 3.98 | 0.36 | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 150 | 7.18 | 34.00 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 745 | 4.52 | 34.28 | | | | | | |
| W0207A | 7/11/02 | 12:24 | 15 | FM-08 | 43.22 | -125. | 1006 | 3.79 | 34.40 | | | | | | |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 2 | 16.04 | 31.23 | 13.98 | 88.20 | 6.76 | 1.09 | 81.44 | 12.90 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 10 | 16.02 | 31.22 | 13.82 | 87.90 | 8.31 | 1.14 | 79.59 | 12.69 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 20 | 10.28 | 32.23 | 13.88 | 79.10 | 10.54 | 1.80 | 68.56 | 11.92 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 30 | 8.66 | 32.34 | 15.01 | 66.20 | 9.33 | 1.44 | 56.87 | 6.19 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 36 | 8.33 | 32.41 | 16.59 | 69.40 | 5.64 | 0.96 | 63.76 | 5.61 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 40 | 8.19 | 32.42 | 17.71 | 72.10 | 5.62 | 0.90 | 66.48 | 5.98 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 51 | 7.89 | 32.52 | 20.08 | 73.70 | 8.89 | 1.08 | 64.81 | 5.10 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 70 | 7.49 | 32.82 | 26.46 | 78.00 | 4.88 | 0.61 | 73.12 | 5.46 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 100 | 8.05 | 33.71 | 35.75 | 59.30 | 2.94 | 0.52 | 56.36 | 4.67 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 150 | 7.57 | 33.95 | 37.69 | 61.20 | | | | 3.46 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 822 | 4.21 | 34.34 | 47.52 | 51.10 | | | | 1.19 |
| W0207A | 7/11/02 | 10:04 | 14 | FM-09 | 43.22 | -125.17 | 1004 | 3.62 | 34.43 | 47.24 | 41.90 | | | | 1.23 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 2 | 8.65 | 33.88 | 40.53 | 98.22 | 12.58 | 2.49 | 85.64 | 12.73 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 5 | 8.63 | 33.88 | 41.38 | 86.20 | 26.78 | 5.73 | 59.42 | 8.19 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 10 | 8.25 | 33.90 | 41.75 | 87.03 | 19.01 | 3.93 | 68.01 | 8.44 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 15 | 7.97 | 33.91 | 42.82 | 70.07 | 11.97 | 2.63 | 58.10 | 8.10 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 20 | 7.77 | 33.94 | 42.26 | | 12.72 | 2.49 | | 5.65 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 25 | 7.65 | 33.96 | 43.08 | | 9.72 | 1.78 | | 6.25 |
| W0207A | 7/13/02 | 15:05 | 33 | RR-01 | 42.50 | -124.5 | 31 | 7.60 | 33.97 | 43.25 | | 11.00 | 2.00 | | 5.97 |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 2 | 8.56 | 33.57 | 37.35 | 111.70 | 22.72 | 4.43 | 88.98 | 8.96 |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 5 | 8.57 | 33.57 | | | 24.16 | 4.57 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 9 | 8.48 | 33.61 | | | 23.39 | 4.73 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 20 | 8.28 | 33.76 | | | 18.93 | 3.82 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 30 | 8.15 | 33.83 | | | 15.17 | 3.09 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 40 | 8.10 | 33.89 | | | 15.88 | 2.99 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 50 | 7.94 | 33.90 | | | 12.84 | 2.59 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 60 | 7.73 | 33.92 | | | 11.09 | 1.97 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 70 | 7.51 | 33.95 | | | 16.94 | 2.50 | | |
| W0207A | 7/13/02 | 16:20 | 34 | RR-02 | 42.50 | -124.6 | 81 | 7.42 | 33.96 | | | 8.49 | 1.21 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 1 | 9.80 | 33.09 | 29.29 | 155.80 | 39.10 | 7.47 | 116.70 | 12.72 |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 5 | 9.79 | 33.09 | | | 44.30 | 8.15 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 10 | 9.68 | 33.12 | | | 36.38 | 7.08 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 15 | 9.44 | 33.19 | | | 33.87 | 6.86 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 20 | 9.20 | 33.27 | | | 29.59 | 5.93 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 30 | 8.74 | 33.40 | | | 25.86 | 5.08 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 39 | 8.41 | 33.39 | | | 13.24 | 2.53 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 49 | 8.36 | 33.53 | | | 14.50 | 2.46 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 60 | 8.35 | 33.62 | | | 15.64 | 3.16 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 69 | 8.36 | 33.67 | | | 20.07 | 4.17 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 90 | 7.60 | 33.90 | | | 13.97 | 2.48 | | |
| W0207A | 7/13/02 | 18:00 | 35 | RR-03 | 42.50 | -124.7 | 120 | 7.10 | 34.03 | | | 6.96 | 1.28 | | |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 1 | 10.66 | 32.52 | 19.47 | 113.30 | 23.03 | 4.65 | 90.27 | 10.92 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 10 | 10.32 | 32.51 | 18.93 | 108.80 | 24.52 | 4.95 | 84.28 | 8.71 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 21 | 9.34 | 32.55 | 20.78 | | 16.18 | 3.39 | | 7.27 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 30 | 8.17 | 32.57 | 21.83 | | 4.72 | 0.98 | | 6.62 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 40 | 8.19 | 32.71 | 23.05 | | 9.36 | 1.74 | | 5.69 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 50 | 8.15 | 32.87 | 26.85 | | 13.45 | 2.51 | | 4.49 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 70 | 8.19 | 33.29 | 31.13 | | 13.30 | 2.42 | | 3.07 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [µM] | TOC [µM] | POC [µM] | PON [µM] | DOC [µM] | DON [µM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 100 | 8.11 | 33.64 | 35.23 | | 16.11 | 3.22 | | 1.54 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 150 | 7.45 | 33.97 | 40.46 | | | | | 4.64 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 170 | 7.30 | 34.01 | 41.58 | | | | | 4.50 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 320 | 6.55 | 34.06 | 43.70 | 48.90 | | | | 3.67 |
| W0207A | 7/13/02 | 20:09 | 36 | RR-04 | 42.50 | -124.8 | 500 | 5.33 | 34.19 | 47.90 | 51.10 | | | | 3.05 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 2 | 11.41 | 32.40 | 15.38 | 147.50 | 33.87 | 5.52 | 113.63 | 9.30 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 10 | 10.75 | 32.44 | 18.27 | 127.80 | 28.02 | 5.27 | 99.78 | 10.25 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 20 | 9.08 | 32.62 | 23.68 | 86.70 | 13.02 | 2.52 | 73.68 | 10.48 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 30 | 9.06 | 32.65 | 22.23 | 87.10 | 11.95 | 2.65 | 75.15 | 8.88 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 40 | 9.10 | 32.71 | 23.07 | 90.40 | 14.85 | 2.83 | 75.55 | 8.45 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 50 | 9.06 | 32.71 | 22.65 | 92.30 | 16.72 | 3.27 | 75.58 | 7.27 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 60 | 8.95 | 32.71 | 23.30 | 96.10 | 18.36 | 3.67 | 77.74 | 6.49 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 70 | 8.73 | 32.79 | 24.27 | 78.80 | 18.25 | 3.70 | 60.55 | 4.84 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 100 | 8.08 | 33.30 | 32.02 | 65.60 | 21.44 | 4.49 | 44.16 | 1.63 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 151 | 7.94 | 33.88 | 37.49 | 59.30 | | | | 4.53 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 870 | 3.96 | 34.38 | 49.35 | 49.50 | | | | 1.24 |
| W0207A | 7/14/02 | 0:32 | 38 | RR-06 | 42.50 | -125. | 1006 | 3.81 | 34.41 | 49.21 | 46.70 | | | | 1.37 |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 1 | 13.41 | 32.05 | | 93.10 | 7.31 | 1.40 | 85.79 | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 10 | 10.68 | 32.40 | | | 15.18 | 2.99 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 20 | 9.53 | 32.53 | | | 14.51 | 2.95 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 25 | 9.31 | 32.54 | | | 13.32 | 2.76 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 30 | 9.29 | 32.57 | | | 13.80 | 2.86 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 40 | 9.03 | 32.56 | | | 9.53 | 2.04 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 50 | 8.64 | 32.52 | | | 8.11 | 1.44 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 70 | 8.06 | 32.87 | | | 4.39 | 0.54 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 100 | 8.06 | 33.48 | | | | 0.64 | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 150 | 7.62 | 33.93 | | | | | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 700 | 4.32 | 34.30 | | | | | | |
| W0207A | 7/14/02 | 2:25 | 39 | RR-07 | 42.50 | -125.2 | 1005 | 3.58 | 34.43 | | | | | | |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 2 | 10.11 | 33.77 | 35.49 | 203.20 | 71.72 | 13.00 | 131.48 | 12.87 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 5 | 9.88 | 33.79 | 43.12 | 207.20 | 72.20 | 11.99 | 135.00 | 20.17 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 10 | 9.17 | 33.84 | 41.39 | 139.82 | 63.43 | 10.57 | 76.38 | 7.69 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 15 | 8.48 | 33.90 | 45.63 | 82.45 | 22.33 | 5.05 | 60.12 | 6.39 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 20 | 7.99 | 33.96 | 45.32 | 72.24 | 12.62 | 2.16 | 59.63 | 4.60 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 25 | 7.88 | 33.98 | 46.46 | 63.02 | 11.29 | 1.81 | 51.73 | 6.16 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 30 | 7.79 | 33.98 | 47.20 | 61.12 | 18.35 | 2.18 | 42.77 | 5.15 |
| W0207A | 7/13/02 | 11:01 | 32 | CR-01 | 41.90 | -124.3 | 35 | 7.77 | 33.98 | 47.14 | 61.87 | 17.99 | 3.28 | 43.88 | 4.33 |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 2 | 8.83 | 33.49 | 36.61 | 118.00 | 32.37 | 6.66 | 85.63 | 12.17 |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 5 | 8.79 | 33.53 | | | 25.95 | 5.20 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 11 | 8.90 | 33.58 | | | 25.72 | 5.50 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 16 | 8.83 | 33.64 | | | 20.16 | 4.54 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 20 | 8.12 | 33.73 | | | 14.48 | 3.14 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 30 | 7.96 | 33.86 | | | 12.27 | 2.70 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 40 | 7.84 | 33.96 | | | 10.69 | 2.28 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 50 | 7.56 | 33.99 | | | 6.35 | 0.96 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 60 | 7.46 | 34.01 | | | 5.77 | 0.80 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 70 | 7.40 | 34.03 | | | 7.16 | 0.86 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 100 | 7.39 | 34.03 | | | 4.37 | 0.78 | | |
| W0207A | 7/13/02 | 7:14 | 30 | CR-03 | 41.90 | -124.5 | 120 | 7.34 | 34.04 | | | 7.25 | 1.24 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 2 | 8.96 | 32.78 | 26.80 | 76.40 | 10.05 | 1.72 | 66.35 | 10.36 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 9 | 8.93 | 33.23 | | | 21.49 | 3.52 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 20 | 8.95 | 33.44 | | | 23.22 | 4.71 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 27 | 8.96 | 33.44 | | | 22.42 | 4.60 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 29 | 8.97 | 33.45 | | | 21.68 | 4.24 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 40 | 8.67 | 33.60 | | | 16.09 | 3.39 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 50 | 8.30 | 33.62 | | | 8.54 | 1.54 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 70 | 7.98 | 33.85 | | | 11.21 | 1.49 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 100 | 7.60 | 33.99 | | | 6.90 | 1.15 | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 150 | 7.26 | 34.05 | | | | | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 180 | 7.16 | 34.06 | | | | | | |
| W0207A | 7/13/02 | 4:18 | 29 | CR-04 | 41.90 | -124.6 | 450 | 5.78 | 34.10 | | | | | | |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 1 | 9.30 | 32.45 | 16.10 | 80.00 | 9.79 | 1.85 | 70.21 | 6.34 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 10 | 9.27 | 32.46 | 16.73 | 88.40 | 10.35 | 1.72 | 78.05 | 6.44 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 20 | 8.91 | 32.55 | 19.50 | 72.00 | 8.54 | 1.68 | 63.46 | 5.44 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 30 | 8.60 | 32.78 | 22.20 | 63.60 | 6.54 | 1.10 | 57.06 | 5.24 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 40 | 8.62 | 32.98 | 25.62 | 69.20 | 8.22 | 1.57 | 60.98 | 5.40 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 50 | 8.81 | 33.16 | 27.98 | 80.30 | 11.82 | 2.26 | 68.48 | 6.83 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 60 | 8.82 | 33.19 | 28.49 | 81.70 | 13.99 | 2.74 | 67.71 | 6.27 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 69 | 8.82 | 33.21 | 28.35 | 84.80 | 11.32 | 2.21 | 73.48 | 6.41 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 100 | 8.07 | 33.63 | | 57.50 | 6.81 | 1.18 | 50.69 | |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 150 | 7.55 | 33.96 | 36.16 | 50.30 | | | | 2.14 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 459 | 5.24 | 34.10 | 44.97 | 48.10 | | | | 0.28 |
| W0207A | 7/13/02 | 2:42 | 28 | CR-05 | 41.90 | -124.7 | 499 | 5.10 | 34.13 | 44.44 | 56.50 | | | | 1.50 |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 2 | 13.60 | 31.96 | 9.09 | 80.80 | 13.19 | 2.19 | 67.61 | 6.88 |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 10 | 13.49 | 31.97 | | | 8.83 | 1.63 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 20 | 12.74 | 32.08 | | | 11.02 | 1.88 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 22 | 12.70 | 32.09 | | | 9.57 | 1.83 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 30 | 12.22 | 32.17 | | | 11.96 | 2.11 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 40 | 11.86 | 32.21 | | | 8.83 | 1.79 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 50 | 9.27 | 32.51 | | | 6.83 | 1.49 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 70 | 8.86 | 32.89 | | | 4.94 | 0.98 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 100 | 8.72 | 33.24 | | | 5.37 | 0.89 | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 150 | 8.25 | 33.85 | | | | | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 500 | 5.62 | 34.19 | | | | | | |
| W0207A | 7/12/02 | 22:44 | 26 | CR-07 | 41.90 | -125. | 790 | 4.24 | 34.34 | | | | | | |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 1 | 13.57 | 32.00 | 9.22 | 68.60 | 9.03 | 1.34 | 59.57 | 7.84 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 10 | 13.56 | 32.00 | 8.64 | 61.50 | 9.58 | 1.43 | 51.92 | 7.11 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 21 | 13.53 | 32.00 | 9.18 | 64.40 | 9.82 | 1.83 | 54.58 | 7.33 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 30 | 13.33 | 32.02 | 9.88 | 62.90 | 9.92 | 1.71 | 52.98 | 8.13 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 39 | 10.77 | 32.37 | 12.47 | 66.20 | 11.34 | 2.26 | 54.86 | 8.55 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 43 | 10.04 | 32.46 | 15.44 | 67.50 | 17.50 | 3.15 | 50.00 | 9.09 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 50 | 9.48 | 32.55 | 20.64 | 66.40 | 15.99 | 2.93 | 50.41 | 8.89 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 70 | 9.33 | 32.77 | 24.28 | 59.20 | 13.46 | 2.47 | 45.74 | 6.88 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 101 | 8.56 | 33.12 | 29.64 | 52.40 | 12.35 | 2.39 | 40.05 | 6.11 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 151 | 7.85 | 33.80 | 38.64 | 48.90 | | | | 6.44 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 796 | 4.11 | 34.33 | 50.84 | 45.20 | | | | 2.99 |
| W0207A | 7/12/02 | 17:40 | 24 | CR-09 | 41.90 | -125.4 | 1004 | 3.59 | 34.43 | 51.46 | 43.50 | | | | 3.60 |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 2 | 15.27 | 32.07 | 9.02 | 76.30 | 8.45 | 1.39 | 67.85 | 7.61 |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 10 | 15.26 | 32.07 | | | 8.36 | 1.39 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 19 | 15.25 | 32.07 | | | 10.08 | 1.91 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 30 | 14.23 | 32.25 | | | 9.65 | 1.72 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 37 | 11.54 | 32.41 | | | 10.72 | 1.73 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 40 | 10.81 | 32.42 | | | 14.99 | 2.70 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 49 | 9.80 | 32.44 | | | 17.53 | 3.26 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 70 | 9.04 | 32.45 | | | 9.15 | 1.54 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 100 | 7.69 | 32.81 | | | 6.29 | 1.08 | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 150 | 8.51 | 33.77 | | | | | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 636 | 4.76 | 34.22 | | | | | | |
| W0207A | 7/12/02 | 12:18 | 22 | CR-11 | 41.90 | -126. | 1004 | 3.72 | 34.41 | | | | | | |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 2 | 8.93 | 33.41 | 34.52 | 89.69 | 19.68 | 2.96 | 70.01 | 4.45 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 6 | 8.92 | 33.41 | 34.25 | 90.54 | 19.42 | 2.96 | 71.12 | 3.89 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 10 | | | 33.11 | 89.31 | 20.35 | 3.06 | 68.96 | |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 16 | 8.86 | 33.41 | 34.25 | 89.16 | 16.39 | 2.66 | 72.77 | 5.42 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 21 | 8.71 | 33.44 | 34.15 | 79.24 | 12.08 | 1.78 | 67.16 | 3.24 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 26 | 8.24 | 33.46 | 33.93 | 68.44 | 8.09 | 1.20 | 60.34 | 2.14 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 31 | 8.00 | 33.54 | 34.84 | 69.58 | 6.32 | 1.07 | 63.26 | 2.54 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 41 | 7.86 | 33.67 | 36.70 | 60.72 | 9.79 | 1.22 | 50.93 | 1.59 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 51 | 7.80 | 33.81 | 38.72 | 58.30 | 10.46 | 1.26 | 47.85 | 3.91 |
| AT721 | 9/28/02 | 3:16 | 2 | NH-05 | 44.65 | -124.18 | 53 | 7.82 | 33.80 | 37.92 | 64.42 | | | | |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 1 | 10.21 | 32.50 | 20.31 | 78.98 | 19.94 | 3.17 | 59.04 | 6.78 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 6 | 10.17 | 32.51 | 20.33 | 71.07 | 18.02 | 2.96 | 53.05 | 7.05 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 11 | 10.20 | 32.50 | 20.09 | 73.52 | 19.38 | 3.08 | 54.14 | 7.08 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 21 | 8.52 | 32.68 | 27.69 | 58.89 | 25.45 | 4.14 | 33.43 | 7.04 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 31 | 7.35 | 32.92 | 30.88 | | 6.51 | 0.85 | | 8.13 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 41 | 8.00 | 33.44 | 32.63 | 55.40 | 3.90 | 0.32 | 51.50 | 4.79 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 51 | 8.03 | 33.59 | 36.49 | 57.28 | 2.90 | 0.18 | 54.39 | 4.42 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 61 | 7.94 | 33.69 | 39.12 | 59.16 | 4.35 | 0.61 | 54.82 | 7.03 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 72 | 7.75 | 33.72 | 40.84 | 60.60 | 6.79 | 0.69 | 53.81 | 2.34 |
| AT721 | 9/28/02 | 9:33 | 4 | NH-15 | 44.65 | -124.41 | 86 | 7.72 | 33.75 | 38.96 | 56.95 | 5.91 | 0.65 | 51.04 | 1.38 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 2 | 11.36 | 32.39 | 16.03 | 78.46 | 14.29 | 3.10 | 64.17 | 5.61 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 10 | 11.35 | 32.39 | 15.98 | 76.94 | 14.52 | 2.83 | 62.42 | 5.62 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 14 | 10.87 | 32.39 | 16.11 | 77.54 | 16.39 | 2.58 | 61.15 | 4.56 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 19 | 8.38 | 32.41 | 17.79 | 72.43 | 10.31 | 1.38 | 62.12 | 4.12 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 30 | 7.71 | 32.53 | 21.21 | 72.89 | 8.39 | 1.08 | 64.50 | 3.43 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 42 | 7.63 | 32.62 | | | 7.04 | 0.48 | | |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 51 | 7.91 | 32.81 | 24.66 | | 9.51 | 0.61 | | 4.78 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 71 | 7.94 | 33.32 | 29.14 | | 6.07 | 0.37 | | 5.74 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 102 | 8.37 | 33.76 | 34.55 | | 4.72 | 0.29 | | 2.25 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 152 | 7.92 | 33.91 | 37.29 | | | | | 2.56 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 202 | 7.38 | 33.98 | 38.28 | | | | | 2.47 |
| AT721 | 9/28/02 | 15:19 | 6 | NH-25 | 44.65 | -124.65 | 252 | 6.99 | 34.01 | 37.82 | | | | | 2.11 |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 2 | 12.78 | 32.25 | 13.85 | 84.44 | 15.60 | 2.58 | 68.84 | 7.22 |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 11 | 12.58 | 32.26 | | | 14.32 | 2.55 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 16 | 12.13 | 32.28 | | | 19.58 | 3.01 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 21 | 11.41 | 32.31 | | | 15.34 | 2.46 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 30 | 8.88 | 32.49 | | | 10.81 | 1.26 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 41 | 7.85 | 32.51 | | | 4.65 | 0.70 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 72 | 8.77 | 33.44 | | | 4.09 | 0.59 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 100 | 8.20 | 33.71 | | | 3.31 | 0.40 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 152 | 7.78 | 33.96 | | | 3.25 | 0.58 | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 287 | 6.70 | 34.03 | | | | | | |
| AT721 | 9/28/02 | 19:28 | 7 | NH-35 | 44.65 | -124.88 | 435 | 5.96 | 34.07 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 1 | 12.60 | 32.32 | 14.37 | 87.57 | 25.80 | 3.83 | 61.77 | 5.94 |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 10 | 12.54 | 32.32 | | | 20.04 | 2.69 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 20 | 12.32 | 32.35 | | | 14.43 | 1.87 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 30 | 8.69 | 32.44 | | | 9.73 | 1.17 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 41 | 8.07 | 32.62 | | | 6.04 | 0.76 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 51 | 7.63 | 32.67 | | | 4.56 | 0.58 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 72 | 7.76 | 33.12 | | | 5.92 | 0.80 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 101 | 8.21 | 33.45 | | | 3.63 | 0.42 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 151 | 7.95 | 33.88 | | | 3.49 | 0.51 | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 503 | 5.41 | 34.12 | | | | | | |
| AT721 | 9/29/02 | 0:06 | 8 | NH-45 | 44.65 | -125.12 | 684 | 4.84 | 34.25 | | | | | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 2 | 14.14 | 32.09 | 10.50 | 93.80 | 13.47 | 2.44 | 80.33 | 7.50 |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 6 | 14.10 | 32.09 | | | 12.76 | 2.37 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 11 | 13.51 | 32.13 | | | 14.92 | 2.46 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 21 | 9.29 | 32.38 | | | 4.99 | 0.83 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 31 | 8.51 | 32.43 | | | 5.17 | 0.74 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 41 | 8.01 | 32.59 | | | 4.08 | 0.62 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 52 | 7.84 | 32.77 | | | 3.95 | 0.46 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 72 | 7.96 | 33.33 | | | 4.94 | 0.73 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 103 | 8.00 | 33.61 | | | 2.82 | 0.28 | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 151 | 7.74 | 33.89 | | | | | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 623 | 4.94 | 34.22 | | | | | | |
| AT721 | 9/29/02 | 8:17 | 10 | NH-65 | 44.65 | -125.6 | 1005 | 3.80 | 34.39 | | | | | | |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 3 | 14.71 | 32.03 | 7.85 | | 7.60 | 1.57 | | 5.96 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 11 | 14.69 | 32.03 | 8.42 | | 9.75 | 1.85 | | 5.48 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 21 | 12.40 | 32.43 | 11.89 | | 7.40 | 1.27 | | 4.87 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 31 | 10.46 | 32.49 | 14.49 | | 6.97 | 1.12 | | 4.81 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 40 | 8.86 | 32.58 | 18.63 | | 3.93 | 0.69 | | 4.07 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 50 | 8.79 | 32.85 | 19.57 | | 3.80 | 0.59 | | 3.18 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 71 | 8.20 | 33.20 | 27.63 | | 5.11 | 0.52 | | 2.94 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 101 | 8.07 | 33.73 | 32.33 | | 4.01 | 0.45 | | 0.11 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 149 | 7.76 | 33.92 | | | 3.34 | 0.42 | | |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 320 | 6.77 | 34.04 | 37.59 | | | | | 1.11 |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 880 | 4.03 | 34.33 | | | | | | |
| AT721 | 9/29/02 | 12:36 | 11 | NH-85 | 44.65 | -126.05 | 1001 | 3.76 | 34.40 | | | | | | |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 1 | 9.78 | 33.39 | 27.47 | 91.97 | 24.86 | 4.50 | 67.11 | 7.48 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 4 | 9.80 | 33.39 | 29.75 | 109.98 | 24.78 | 4.36 | 85.20 | 10.10 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 6 | 9.78 | 33.39 | 26.96 | 101.72 | 21.43 | 4.04 | 80.29 | 7.25 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 10 | 9.79 | 33.39 | 26.54 | 82.81 | 20.08 | 3.91 | 62.73 | 6.92 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 16 | 9.12 | 33.42 | 28.91 | 70.88 | 13.61 | 2.45 | 57.27 | 5.97 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 21 | 8.94 | 33.44 | 34.37 | 69.70 | 15.11 | 2.29 | 54.59 | 10.43 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 26 | 8.86 | 33.59 | 38.51 | 62.39 | 10.55 | 1.98 | 51.84 | 12.01 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 31 | 8.84 | 33.62 | 39.83 | 63.75 | 8.74 | 1.71 | 55.02 | 10.34 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 41 | 8.73 | 33.70 | 43.52 | 67.55 | 14.44 | 2.54 | 53.10 | 6.99 |
| AT721 | 10/2/02 | 15:50 | 32 | HH-01 | 44.00 | -124.2 | 48 | 8.55 | 33.75 | 42.76 | 70.72 | 15.16 | 2.75 | 55.56 | 6.40 |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 1 | 10.24 | 33.00 | 21.11 | 90.85 | 23.56 | 4.29 | 67.30 | 8.41 |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 5 | 10.20 | 33.03 | | | 17.96 | 3.33 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 10 | 10.04 | 33.17 | | | 18.42 | 3.01 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 20 | 9.31 | 33.34 | | | 11.17 | 1.81 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 30 | 8.36 | 33.51 | | | 18.60 | 1.87 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 40 | 8.52 | 33.62 | | | 18.33 | 2.28 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 50 | 8.70 | 33.75 | | | 10.39 | 1.31 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 60 | 8.59 | 33.79 | | | 5.60 | 0.74 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 71 | 8.29 | 33.81 | | | 9.09 | 0.89 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 102 | 8.11 | 33.92 | | | 6.87 | 1.14 | | |
| AT721 | 10/2/02 | 17:35 | 33 | HH-02 | 44.00 | -124.4 | 116 | 8.09 | 33.92 | | | 12.69 | 1.74 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 2 | 10.02 | 32.92 | 28.61 | 69.33 | 20.95 | 3.44 | 48.38 | 14.76 |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 10 | 9.07 | 32.95 | | | 17.64 | 3.47 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 20 | 9.00 | 32.97 | | | 12.14 | 2.23 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 30 | 8.98 | 33.12 | | | 11.58 | 2.16 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 40 | 8.02 | 33.13 | | | 9.60 | 1.23 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 50 | 8.45 | 33.55 | | | 6.17 | 0.98 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 60 | 8.31 | 33.67 | | | 7.31 | 0.93 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 70 | 8.28 | 33.84 | | | 7.88 | 0.93 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 90 | 8.11 | 33.88 | | | 11.64 | 1.41 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 100 | 8.06 | 33.91 | | | 20.55 | 3.11 | | |
| AT721 | 10/2/02 | 20:54 | 34 | HH-03 | 44.00 | -124.6 | 146 | 7.76 | 33.96 | | | 11.26 | 1.44 | | |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 1 | 12.52 | 32.50 | 13.91 | 89.16 | 19.51 | 3.26 | 69.64 | 4.07 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 5 | 12.50 | 32.51 | 13.61 | 85.44 | 12.91 | 2.26 | 72.53 | 4.56 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 10 | 12.43 | 32.60 | 15.62 | 78.69 | 13.53 | 2.37 | 65.16 | 5.76 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 21 | 11.94 | 32.81 | 17.87 | 74.58 | 11.41 | 1.85 | 63.17 | 7.19 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 30 | 10.85 | 32.83 | 19.22 | 64.82 | 7.32 | 0.97 | 57.50 | 5.20 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 40 | 9.97 | 32.95 | 23.27 | 62.30 | 6.02 | 0.70 | 56.27 | 5.90 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 50 | 9.04 | 33.21 | 28.19 | 66.78 | 5.05 | 0.65 | 61.73 | 5.03 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 59 | 7.89 | 33.32 | 31.97 | 69.84 | 4.50 | 0.75 | 65.34 | 5.05 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 69 | 8.03 | 33.49 | 34.91 | 79.84 | 5.76 | 0.91 | 74.08 | 4.35 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 94 | 8.08 | 33.83 | 40.16 | 63.75 | 10.28 | 1.49 | 53.46 | 4.40 |
| AT721 | 10/2/02 | 23:44 | 35 | HH-04 | 44.00 | -124.8 | 104 | 8.08 | 33.85 | 39.08 | 61.16 | 4.04 | 0.61 | 57.13 | 5.84 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 2 | 14.13 | 32.34 | 10.56 | | 11.36 | 1.99 | | 6.42 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 10 | 13.36 | 32.46 | 12.58 | | 9.86 | 1.70 | | 6.90 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 15 | 12.09 | 32.54 | 15.25 | | 9.97 | 1.56 | | 6.39 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 20 | 9.98 | 32.69 | 18.34 | | 6.65 | 1.12 | | 7.15 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 30 | 8.35 | 32.59 | 20.32 | | 7.15 | 0.88 | | 6.79 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 41 | 8.70 | 33.11 | 27.43 | | 6.07 | 0.75 | | 5.89 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 51 | 8.34 | 33.25 | 30.60 | | 5.47 | 0.66 | | 4.88 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 71 | 8.68 | 33.70 | 34.33 | | 5.09 | 0.51 | | 5.05 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 101 | 8.25 | 33.82 | 35.89 | | 2.94 | 0.35 | | 4.72 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 150 | 7.96 | 33.96 | 37.31 | | 3.44 | 0.38 | | 7.94 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 501 | 5.62 | 34.11 | 43.34 | | | | | 5.67 |
| AT721 | 10/3/02 | 3:36 | 36 | HH-05 | 44.00 | -125. | 915 | 3.90 | 34.37 | 47.09 | | | | | 4.56 |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 2 | 14.51 | 32.28 | 10.33 | | 8.79 | 1.55 | | 7.68 |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 6 | 14.51 | 32.28 | | | 9.12 | 1.52 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 10 | 14.51 | 32.28 | | | 8.76 | 1.56 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 20 | 11.47 | 32.43 | | | 10.20 | 1.67 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 30 | 8.31 | 32.40 | | | 8.65 | 1.22 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 40 | 8.30 | 32.54 | | | 4.64 | 0.77 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 49 | 8.42 | 32.69 | | | 5.09 | 0.65 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 70 | 8.88 | 33.18 | | | 4.09 | 0.47 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 101 | 8.62 | 33.65 | | | 3.23 | 0.41 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 151 | 8.31 | 33.93 | | | | 0.34 | | |
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 315 | 7.03 | 34.03 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 10/3/02 | 6:18 | 37 | HH-07 | 44.00 | -125.2 | 1004 | 3.73 | 34.39 | | | | | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 1 | 14.36 | 32.31 | 9.97 | | 8.52 | 1.43 | | 6.74 |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 5 | 14.19 | 32.34 | | | 8.78 | 1.56 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 10 | 13.18 | 32.51 | | | 15.36 | 1.97 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 20 | 12.51 | 32.70 | | | 10.60 | 1.50 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 30 | 10.97 | 32.81 | | | 8.92 | 1.16 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 40 | 9.42 | 32.91 | | | 5.51 | 0.75 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 50 | 9.19 | 33.06 | | | 5.17 | 0.65 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 71 | 7.99 | 33.16 | | | 5.49 | 0.50 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 100 | 8.25 | 33.57 | | | 2.31 | 0.35 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 149 | 8.22 | 33.92 | | | 2.39 | 0.32 | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 262 | 7.53 | 34.05 | | | | | | |
| AT721 | 10/3/02 | 8:27 | 38 | HH-09 | 44.00 | -125.4 | 500 | 5.87 | 34.10 | | | | | | |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 2 | 9.73 | 33.40 | 26.63 | 101.95 | 23.78 | 4.61 | 78.17 | 3.50 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 5 | 9.53 | 33.43 | 26.69 | 89.68 | 27.96 | 4.94 | 61.73 | 1.76 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 9 | 9.73 | 33.40 | 27.10 | 99.94 | 23.44 | 4.50 | 76.50 | 3.01 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 10 | 9.49 | 33.42 | 27.21 | 75.81 | 17.94 | 3.40 | 57.87 | 6.14 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 15 | 9.44 | 33.47 | 28.85 | 79.15 | 15.35 | 2.68 | 63.80 | 3.67 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 20 | 8.84 | 33.64 | | 67.43 | 10.73 | 1.97 | 56.70 | |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 25 | 8.76 | 33.67 | | 67.17 | 11.95 | 2.06 | 55.22 | |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 30 | 8.70 | 33.69 | 32.94 | 52.61 | 16.53 | 3.00 | 36.08 | 2.47 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 40 | 8.63 | 33.77 | 34.06 | 57.18 | 9.37 | 1.54 | 47.81 | 0.55 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 50 | 8.43 | 33.83 | 35.81 | 62.28 | 11.60 | 1.64 | 50.67 | 0.48 |
| AT721 | 10/1/02 | 20:46 | 25 | FM-03 | 43.22 | -124.5 | 57 | 8.41 | 33.84 | 35.62 | 52.62 | 12.68 | 1.67 | 39.95 | 0.41 |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 2 | 10.71 | 33.05 | 24.82 | 118.61 | 29.06 | 5.47 | 89.55 | 11.10 |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 4 | 10.62 | 33.06 | | | 32.28 | 6.10 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 9 | 9.34 | 33.15 | | | 24.33 | 4.23 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 20 | 9.22 | 33.52 | | | 16.81 | 3.38 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 30 | 8.97 | 33.64 | | | 8.94 | 1.62 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 40 | 8.65 | 33.74 | | | 7.39 | 1.43 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 50 | 8.43 | 33.82 | | | 7.73 | 1.34 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 60 | 8.41 | 33.83 | | | 6.90 | 1.18 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 71 | 8.40 | 33.84 | | | 8.50 | 1.44 | | |
| AT721 | 10/1/02 | 22:10 | 26 | FM-04 | 43.22 | -124.58 | 78 | 8.34 | 33.87 | | | 12.07 | 1.95 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 2 | 11.33 | 32.89 | 21.39 | 103.51 | 22.14 | 3.86 | 81.37 | 9.42 |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 11 | 10.65 | 32.96 | | | 17.40 | 3.29 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 14 | 9.91 | 32.99 | | | | | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 20 | 9.51 | 33.21 | | | 13.66 | 2.73 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 31 | 9.41 | 33.29 | | | 22.84 | 3.51 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 41 | 9.40 | 33.44 | | | 9.28 | 1.63 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 51 | 9.33 | 33.47 | | | 9.55 | 1.55 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 59 | 9.14 | 33.56 | | | 9.15 | 1.22 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 69 | 8.99 | 33.61 | | | 10.00 | 1.49 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 100 | 8.40 | 33.84 | | | 8.61 | 1.21 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 140 | 8.24 | 33.93 | | | 14.77 | 1.67 | | |
| AT721 | 10/1/02 | 23:35 | 27 | FM-05 | 43.22 | -124.67 | 151 | 8.22 | 33.94 | | | 8.66 | 1.25 | | |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 2 | 11.21 | 32.70 | 18.51 | 79.85 | 12.96 | 2.42 | 66.89 | 7.77 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 11 | 11.21 | 32.70 | 18.64 | 81.52 | 11.97 | 2.33 | 69.55 | 7.22 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 18 | 10.67 | 32.82 | 20.78 | 81.87 | 9.15 | 2.01 | 72.72 | 7.46 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 21 | 9.88 | 32.96 | 24.06 | 67.08 | 8.16 | 1.62 | 58.92 | 9.07 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 31 | 9.48 | 33.05 | 26.54 | 60.41 | 11.15 | 1.59 | 49.27 | 7.90 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 41 | 9.02 | 33.11 | 27.00 | 60.62 | 5.43 | 0.79 | 55.19 | 6.71 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 50 | 8.82 | 33.21 | 28.99 | 62.11 | 4.44 | 0.71 | 57.67 | 7.48 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 70 | 8.41 | 33.40 | 32.09 | 58.72 | 6.09 | 0.88 | 52.63 | 7.33 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 101 | 8.25 | 33.60 | 35.25 | 53.60 | 3.43 | 0.62 | 50.18 | 8.90 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 150 | 8.12 | 33.97 | 39.49 | 54.70 | 2.57 | 0.53 | 52.13 | 6.41 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 235 | 7.46 | 34.03 | 42.21 | 64.72 | | | | 10.13 |
| AT721 | 10/2/02 | 2:43 | 29 | FM-07 | 43.22 | -124.83 | 302 | 6.84 | 34.06 | 42.54 | 55.24 | | | | 6.85 |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 2 | 11.13 | 32.78 | 18.33 | 68.91 | 8.38 | 1.92 | 60.54 | 6.44 |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 6 | 11.10 | 32.79 | | | 8.73 | 1.88 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 11 | 11.10 | 32.78 | | | 7.16 | 1.59 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 21 | 10.11 | 32.94 | | | 11.16 | 1.75 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 31 | 9.93 | 32.99 | | | 5.85 | 1.13 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 40 | 9.74 | 33.05 | | | 8.63 | 1.22 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 51 | 9.57 | 33.13 | | | 7.64 | 1.00 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 70 | 8.92 | 33.34 | | | 4.62 | 0.62 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 101 | 8.94 | 33.73 | | | 4.24 | 0.85 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 151 | 8.41 | 33.89 | | | 3.04 | 0.59 | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 319 | 6.85 | 34.05 | | | | | | |
| AT721 | 10/2/02 | 5:16 | 30 | FM-08 | 43.22 | -125. | 1001 | 3.80 | 34.40 | | | | | | |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 2 | 11.05 | 32.81 | 20.00 | 64.61 | 9.49 | 2.18 | 55.12 | 8.75 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 10 | 10.92 | 32.81 | 20.14 | 64.68 | 9.16 | 1.92 | 55.52 | 8.12 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 20 | 10.71 | 32.81 | 19.89 | 65.01 | 8.32 | 1.77 | 56.69 | 7.10 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 30 | 10.15 | 32.93 | 21.62 | 61.41 | 8.47 | 1.42 | 52.95 | 7.64 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 40 | 9.75 | 32.90 | 22.68 | 63.49 | 8.08 | 1.38 | 55.40 | 6.54 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 51 | 9.45 | 33.09 | 25.65 | 64.47 | 7.65 | 1.41 | 56.82 | 7.03 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 72 | 8.94 | 33.38 | 31.88 | 58.05 | 4.45 | 0.79 | 53.60 | 11.50 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 101 | 8.89 | 33.56 | 33.36 | 57.74 | 4.88 | 0.78 | 52.86 | 9.64 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 151 | 8.04 | 33.87 | 36.66 | 51.25 | 0.25 | | 2.59 | |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 284 | 7.15 | 34.10 | | 48.91 | | | | |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 330 | 6.40 | 34.05 | 44.61 | 52.75 | | | | 10.78 |
| AT721 | 10/2/02 | 8:05 | 31 | FM-09 | 43.22 | -125.17 | 1000 | 3.83 | 34.40 | 51.60 | 43.56 | | | | 5.52 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 2 | 10.48 | 33.38 | 25.39 | | 47.16 | 7.14 | | 6.81 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 5 | 10.50 | 33.37 | 26.65 | | 50.17 | 7.98 | | 7.11 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 10 | 10.47 | 33.38 | 27.46 | | 39.70 | 6.49 | | 8.81 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 15 | 10.16 | 33.40 | 30.49 | | 24.63 | 4.31 | | 7.34 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 21 | 9.56 | 33.48 | 32.74 | | 12.95 | 2.34 | | 6.35 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 26 | 8.84 | 33.63 | 35.71 | | 7.53 | 1.19 | | 5.69 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 32 | 8.78 | 33.63 | 37.58 | | 12.76 | 1.55 | | 5.91 |
| AT721 | 9/30/02 | 22:45 | 19 | CR-01 | 41.90 | -124.3 | 35 | 8.85 | 33.62 | 36.78 | | 9.23 | 1.45 | | 7.28 |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 1 | 10.73 | 32.93 | 20.55 | 74.18 | 20.02 | 3.56 | 54.16 | 6.50 |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 5 | 10.52 | 32.96 | | | 17.65 | 2.99 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 10 | 10.11 | 33.04 | | | 17.41 | 3.08 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 19 | 9.79 | 33.08 | | | 15.27 | 2.99 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 30 | 9.67 | 33.09 | | | 12.71 | 2.57 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 40 | 9.18 | 33.40 | | | 5.31 | 0.93 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 50 | 9.70 | 33.84 | | | 11.27 | 1.44 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 60 | 9.28 | 33.91 | | | 4.09 | 0.72 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 70 | 9.22 | 33.92 | | | 4.21 | 0.73 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 100 | 9.04 | 33.95 | | | 9.22 | 1.17 | | |
| AT721 | 10/1/02 | 2:40 | 21 | CR-03 | 41.90 | -124.5 | 115 | 8.91 | 33.95 | | | 5.92 | 0.74 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 2 | 12.91 | 32.60 | 13.34 | 79.53 | 11.80 | 1.82 | 67.73 | 7.40 |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 6 | 12.91 | 32.60 | | | 12.45 | 1.71 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 11 | 12.87 | 32.60 | | | 8.20 | 1.37 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 21 | 12.23 | 32.61 | | | 17.37 | 2.86 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 31 | 9.36 | 32.82 | | | 3.99 | 0.60 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 42 | 8.69 | 33.05 | | | 3.31 | 0.44 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 51 | 8.39 | 33.25 | | | 5.40 | 0.59 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 73 | 9.24 | 33.77 | | | 6.13 | 0.55 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 101 | 8.81 | 33.92 | | | 3.04 | 0.41 | | |
| AT721 | 10/1/02 | 5:22 | 22 | CR-04 | 41.90 | -124.6 | 147 | 8.21 | 33.95 | | | | 0.36 | | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 2 | 12.94 | 32.59 | | 80.88 | 14.03 | 2.27 | 66.85 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 10 | 12.85 | 32.60 | | 75.30 | 9.84 | 1.71 | 65.47 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 20 | 12.82 | 32.60 | | 78.77 | 8.94 | 1.56 | 69.83 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 25 | 12.74 | 32.59 | | 78.72 | 9.31 | 1.50 | 69.41 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 30 | 9.76 | 32.77 | | 61.16 | 7.08 | 0.84 | 54.08 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 40 | 9.13 | 32.95 | | 64.17 | 2.48 | 0.45 | 61.69 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 50 | 8.81 | 33.03 | | 62.63 | 3.61 | 0.41 | 59.02 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 70 | 8.32 | 33.34 | | 56.08 | 2.56 | | 53.52 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 102 | 8.18 | 33.70 | | 53.92 | 4.04 | 0.48 | 49.88 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 150 | 8.18 | 33.98 | | 51.58 | 4.24 | 0.48 | 47.34 | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 500 | 5.49 | 34.15 | | 47.00 | | | | |
| AT721 | 10/1/02 | 8:55 | 23 | CR-05 | 41.90 | -124.7 | 646 | 4.89 | 34.23 | | 49.20 | | | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 2 | 13.16 | 32.68 | 13.60 | 85.13 | 14.41 | 1.95 | 70.71 | 7.21 |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 7 | 13.13 | 32.68 | | | 12.71 | 1.93 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 12 | 11.06 | 32.73 | | | 15.73 | 2.22 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 22 | 10.49 | 33.15 | | | 42.53 | 5.72 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 32 | 10.38 | 33.26 | | | 15.13 | 2.57 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 42 | 10.20 | 33.28 | | | 12.36 | 2.13 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 52 | 8.86 | 33.16 | | | 7.32 | 0.93 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 72 | 9.62 | 33.84 | | | 4.92 | 0.65 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 102 | 8.29 | 33.82 | | | | 0.36 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 153 | 7.61 | 33.95 | | | 3.40 | 0.34 | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 498 | 5.06 | 34.14 | | | | | | |
| AT721 | 9/30/02 | 16:36 | 17 | CR-07 | 41.90 | -125. | 802 | 4.11 | 34.36 | | | | | | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 11 | 10.45 | 32.60 | | 71.79 | 10.39 | 1.56 | 61.40 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 22 | 10.23 | 32.62 | | 73.76 | 7.71 | 1.21 | 66.05 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 31 | 9.91 | 32.74 | | 70.10 | 6.69 | 1.06 | 63.41 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 42 | 9.00 | 32.80 | | 67.33 | 4.73 | 0.61 | 62.60 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 46 | 8.90 | 32.94 | | 62.86 | 3.83 | 0.40 | 59.02 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 72 | 9.19 | 33.48 | | 58.79 | 3.53 | 0.50 | 55.26 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 103 | 8.16 | 33.73 | | 58.16 | 3.62 | 0.31 | 54.54 | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 150 | 7.58 | 33.95 | | 51.81 | | | | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 679 | 4.57 | 34.27 | | 43.79 | | | | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 840 | 4.10 | 34.34 | | 46.98 | | | | |
| AT721 | 9/30/02 | 11:04 | 15 | CR-09 | 41.90 | -125.4 | 1002 | 3.72 | 34.42 | | 42.56 | | | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 2 | 12.63 | 32.68 | 13.85 | 77.19 | 8.04 | 1.42 | 69.15 | 6.08 |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 10 | 12.45 | 32.68 | | | 8.35 | 1.63 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 20 | 12.40 | 32.68 | | | 11.24 | 1.69 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 30 | 12.38 | 32.68 | | | 11.21 | 1.58 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 34 | 12.33 | 32.68 | | | 8.87 | 1.58 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 40 | 12.31 | 32.68 | | | 8.97 | 1.54 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 50 | 10.40 | 32.73 | | | 5.07 | 0.89 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 72 | 8.63 | 33.00 | | | 3.05 | 0.49 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 101 | 8.35 | 33.68 | | | 2.69 | 0.49 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 149 | 7.95 | 33.98 | | | 4.11 | 0.54 | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 784 | 4.14 | 34.33 | | | | | | |
| AT721 | 9/30/02 | 4:57 | 13 | CR-11 | 41.90 | -126. | 1005 | 3.60 | 34.42 | | | | | | |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 1 | 12.48 | 32.29 | 10.01 | | 15.15 | 2.23 | | 6.70 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 5 | 12.47 | 32.29 | 9.85 | | | 2.17 | | 6.55 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 10 | 12.46 | 32.29 | 9.60 | | 14.84 | 2.10 | | 6.31 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 15 | 12.25 | 32.31 | 10.68 | | 11.46 | 1.55 | | 6.47 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 20 | 11.97 | 32.31 | 12.92 | 75.01 | 10.30 | 1.34 | 64.72 | 6.53 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 26 | 10.70 | 32.42 | 14.88 | 77.98 | 8.09 | 0.96 | 69.89 | 6.69 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 30 | 10.09 | 32.48 | 17.37 | | 5.93 | 0.63 | | 5.70 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 40 | 8.82 | 32.53 | 19.49 | 58.78 | 6.84 | 0.62 | 51.94 | 6.74 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 50 | 8.80 | 32.79 | 23.66 | 60.30 | 8.07 | 0.86 | 52.23 | 6.34 |
| W0212A | 12/3/02 | 20:23 | 3 | NH-05 | 44.65 | -124.18 | 53 | 8.92 | 32.83 | 24.12 | 57.90 | 11.94 | 1.07 | 45.96 | 6.45 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 1 | 12.80 | 32.31 | 9.62 | 74.24 | 9.20 | 1.38 | 65.05 | 6.89 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 5 | 12.80 | 32.31 | 9.64 | 77.80 | | 1.48 | | 6.81 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 10 | 12.80 | 32.31 | 9.39 | 74.06 | 12.26 | 1.47 | 61.80 | 6.57 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 20 | 12.76 | 32.31 | 9.51 | 78.54 | 11.05 | 1.53 | 67.50 | 6.46 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 30 | 12.63 | 32.30 | 9.95 | 72.27 | 8.77 | 1.17 | 63.50 | 6.72 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 40 | 11.45 | 32.33 | 14.09 | 70.86 | 14.56 | 1.31 | 56.30 | 7.01 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 50 | 10.18 | 32.49 | 17.62 | 52.35 | 5.57 | 0.59 | 46.78 | 6.97 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 60 | 9.34 | 32.58 | 19.92 | 46.70 | 4.57 | 0.51 | 42.13 | 6.33 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 70 | 8.82 | 32.78 | 23.83 | 44.43 | 4.24 | 0.48 | 40.20 | 7.11 |
| W0212A | 12/3/02 | 22:28 | 5 | NH-15 | 44.65 | -124.41 | 84 | 8.82 | 33.01 | 26.14 | 53.19 | 5.40 | 0.54 | 47.79 | 6.18 |
| W0212A | 12/3/02 | 23:33 | 6 | NH-20 | 44.65 | -124.53 | 100 | 8.48 | 33.38 | | | | | | |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 2 | 12.74 | 32.30 | 8.56 | 80.55 | 6.12 | 1.06 | 74.44 | 5.73 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 10 | 12.70 | 32.30 | 8.37 | 78.36 | 6.83 | 1.10 | 71.53 | 5.12 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 20 | 12.66 | 32.30 | 8.52 | 74.90 | 6.76 | 1.07 | 68.14 | 5.39 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 30 | 12.63 | 32.30 | 9.12 | 75.90 | 8.37 | 0.95 | 67.53 | 5.80 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 40 | 10.32 | 32.41 | 14.65 | | 3.14 | 0.40 | | 5.56 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 49 | 8.62 | 32.46 | 17.30 | 68.00 | 4.50 | 0.43 | 63.50 | 6.83 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 71 | 8.16 | 32.70 | 21.06 | 67.90 | 3.16 | 0.32 | 64.74 | 4.98 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 101 | 8.63 | 33.26 | 27.44 | 66.10 | 3.00 | 0.39 | 63.10 | 4.78 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 130 | 8.60 | 33.53 | 32.33 | 67.70 | 3.91 | 0.35 | 63.79 | 5.19 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 151 | 8.35 | 33.68 | 35.03 | 53.20 | 4.51 | 0.40 | 48.69 | 5.98 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 199 | 7.90 | 33.93 | 37.24 | 50.50 | | | | 4.77 |
| W0212A | 12/4/02 | 0:43 | 7 | NH-25 | 44.65 | -124.65 | 284 | 7.17 | 34.00 | 40.58 | 49.90 | | | | 6.40 |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 2 | 12.84 | 32.34 | 9.72 | 63.00 | 8.08 | 1.01 | 54.92 | 6.98 |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 10 | 12.80 | 32.33 | | | 6.45 | 1.00 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 20 | 12.81 | 32.33 | | | 6.01 | 0.95 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 19 | 12.82 | 32.33 | | | 8.05 | 0.98 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 29 | 12.80 | 32.33 | | | 5.91 | 0.94 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 40 | 10.93 | 32.35 | | | 4.21 | 0.55 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 48 | 9.08 | 32.38 | | | 7.15 | 0.67 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 70 | 7.69 | 32.42 | | | 4.83 | 0.38 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 101 | 8.30 | 32.91 | | | 4.01 | 0.31 | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 152 | 8.11 | 33.70 | | | 4.49 | 0.37 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 361 | 6.34 | 34.04 | | | | | | |
| W0212A | 12/4/02 | 13:12 | 8 | NH-35 | 44.65 | -124.88 | 422 | 6.21 | 34.03 | | | | | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 2 | 12.69 | 32.40 | 10.05 | 60.10 | 5.88 | 0.92 | 54.22 | 6.58 |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 10 | 12.70 | 32.40 | | | 5.29 | 0.84 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 12 | 12.70 | 32.40 | | | 6.38 | 1.02 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.69 | 32.40 | | | 6.37 | 0.88 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 28 | 12.68 | 32.40 | | | 5.05 | 0.76 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 40 | 11.96 | 32.41 | | | 4.55 | 0.63 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 50 | 11.32 | 32.47 | | | 4.68 | 0.58 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 71 | 9.81 | 32.82 | | | 3.67 | 0.45 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 101 | 7.99 | 32.99 | | | 2.50 | 0.24 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 148 | 7.25 | 33.49 | | | 3.00 | 0.23 | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 499 | 4.98 | 34.06 | | | | | | |
| W0212A | 12/4/02 | 14:57 | 9 | NH-45 | 44.65 | -125.12 | 683 | 4.55 | 34.23 | | | | | | |
| W0212A | 12/4/02 | 16:49 | 10 | NH-55 | 44.65 | -125.37 | 79 | 8.15 | 33.04 | | | | | | |
| W0212A | 12/4/02 | 16:49 | 10 | NH-55 | 44.65 | -125.37 | 145 | 8.30 | 33.78 | | | | | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 2 | 13.06 | 32.28 | 10.30 | 78.40 | 9.96 | 1.37 | 68.44 | 7.81 |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 11 | 13.02 | 32.28 | | | 10.19 | 1.39 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 21 | 13.02 | 32.28 | | | 10.37 | 1.33 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 29 | 13.02 | 32.28 | | | 11.57 | 1.64 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 42 | 12.89 | 32.27 | | | 11.17 | 1.55 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 50 | 10.01 | 32.36 | | | 3.99 | 0.47 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 69 | 7.42 | 32.44 | | | 2.65 | 0.26 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 101 | 6.94 | 32.87 | | | 3.03 | 0.24 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 152 | 7.62 | 33.77 | | | 2.91 | 0.22 | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 875 | 4.00 | 34.35 | | | | | | |
| W0212A | 12/4/02 | 18:55 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.68 | 34.39 | | | | | | |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 1 | 13.67 | 32.37 | 8.81 | 72.50 | 7.33 | 0.84 | 65.17 | 6.80 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 10 | 13.66 | 32.37 | 8.27 | 75.20 | 8.07 | 0.85 | 67.13 | 6.25 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 20 | 13.62 | 32.37 | 8.94 | 73.40 | 6.81 | 0.91 | 66.59 | 6.92 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 30 | 13.56 | 32.35 | 9.21 | 74.90 | 6.53 | 0.91 | 68.38 | 6.87 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 40 | 9.78 | 32.39 | 16.57 | | 4.98 | 0.67 | | 6.38 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 50 | 8.05 | 32.44 | 18.92 | | 2.40 | 0.29 | | 5.51 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 69 | 7.40 | 32.61 | 21.72 | | 3.08 | 0.32 | | 4.57 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 101 | 8.06 | 33.26 | 30.94 | | 3.47 | 0.35 | | 6.12 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 150 | 7.62 | 33.79 | 35.70 | | | 0.22 | | 4.03 |
| W0212A | 12/4/02 | 22:00 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.44 | 34.40 | 48.82 | | | | | 1.86 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 2 | 11.06 | 31.86 | 15.06 | | 13.56 | 2.43 | | 7.48 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 5 | 11.05 | 31.86 | 15.36 | | 14.17 | 2.45 | | 7.87 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 10 | 11.15 | 31.99 | 15.75 | | 10.17 | 1.84 | | 7.95 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 15 | 11.21 | 32.15 | 16.00 | | 7.58 | 1.44 | | 7.94 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 21 | 11.01 | 32.31 | 15.38 | 75.30 | 5.89 | 0.79 | 69.41 | 7.64 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 25 | 11.04 | 32.38 | 15.20 | 63.50 | 5.00 | 0.68 | 58.50 | 7.16 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 31 | 10.98 | 32.39 | 15.32 | 62.50 | 5.49 | 0.63 | 57.01 | 6.85 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 41 | 10.45 | 32.71 | 20.41 | 61.80 | 7.00 | 0.85 | 54.80 | 6.83 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 50 | 10.45 | 32.72 | 20.39 | 64.40 | 8.97 | 1.08 | 55.43 | 7.01 |
| W0302A | 2/14/03 | 19:56 | 2 | NH-05 | 44.65 | -124.18 | 53 | 10.45 | 32.72 | 20.29 | 70.40 | 12.19 | 1.19 | 58.21 | 7.48 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 1 | 10.69 | 31.56 | 14.61 | 86.70 | 30.23 | 4.64 | 56.47 | 7.16 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 5 | 10.69 | 31.57 | 14.88 | 77.00 | 31.71 | 4.71 | 45.29 | 7.33 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 10 | 10.90 | 31.92 | 14.67 | 73.80 | 16.89 | 2.60 | 56.91 | 7.11 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 20 | 11.01 | 32.19 | 14.96 | 59.24 | 6.79 | 0.84 | 52.45 | 7.02 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 30 | 10.96 | 32.28 | 15.16 | 60.65 | 6.02 | 0.88 | 54.63 | 6.74 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 40 | 10.85 | 32.45 | 16.77 | 60.35 | 4.81 | 0.64 | 55.55 | 7.31 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 50 | 10.21 | 32.74 | 20.80 | 57.79 | 4.79 | 0.71 | 53.00 | 6.83 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 60 | 9.38 | 33.04 | 26.66 | 58.30 | 5.20 | 0.64 | 53.10 | 6.88 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 70 | 8.78 | 33.27 | 30.85 | 57.37 | 6.41 | 0.76 | 50.96 | 6.55 |
| W0302A | 2/14/03 | 22:38 | 4 | NH-15 | 44.65 | -124.41 | 85 | 8.50 | 33.41 | 31.89 | 56.06 | 7.72 | 0.91 | 48.35 | 5.62 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 1 | 10.48 | 31.69 | 11.93 | 77.28 | 16.15 | 2.31 | 61.13 | 5.40 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 5 | 10.48 | 31.72 | 11.99 | 71.97 | 14.15 | 2.24 | 57.82 | 5.87 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 10 | 10.47 | 31.75 | 11.78 | 73.79 | 15.35 | 2.22 | 58.44 | 5.55 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 21 | 10.57 | 31.94 | 12.04 | 69.76 | 11.34 | 1.74 | 58.42 | 5.83 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 31 | 10.82 | 32.32 | 12.60 | 64.96 | 6.43 | 0.75 | 58.53 | 5.33 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 40 | 11.04 | 32.43 | 13.62 | 58.42 | 4.59 | 0.44 | 53.83 | 5.96 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 50 | 11.02 | 32.47 | 13.06 | 56.79 | 4.07 | 0.50 | 52.73 | 4.73 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 71 | 10.87 | 32.61 | 14.84 | 58.51 | 4.52 | 0.51 | 53.99 | 4.22 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 100 | 9.11 | 32.97 | 22.29 | 58.71 | 3.11 | 0.32 | 55.60 | 3.24 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 150 | 7.86 | 33.80 | 34.35 | 52.44 | 5.37 | 0.58 | 47.07 | 2.04 |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 199 | 7.42 | 33.96 | | 54.54 | | | | |
| W0302A | 2/15/03 | 0:32 | 6 | NH-25 | 44.65 | -124.65 | 287 | 6.73 | 34.01 | | 53.90 | | | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 2 | 10.73 | 31.98 | 13.94 | 76.81 | 11.52 | 2.14 | 65.28 | 7.90 |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 5 | 10.74 | 31.98 | | | 11.61 | 2.18 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 10 | 10.72 | 32.00 | | | 9.75 | 2.01 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 21 | 10.96 | 32.27 | | | 4.48 | 0.84 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 30 | 11.13 | 32.37 | | | 3.24 | 0.42 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 40 | 11.20 | 32.44 | | | 2.96 | 0.35 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 50 | 11.17 | 32.46 | | | 2.55 | 0.39 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 70 | 11.05 | 32.57 | | | 3.36 | 0.48 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 101 | 9.88 | 32.84 | | | 2.70 | 0.39 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 151 | 8.17 | 33.56 | | | | 0.32 | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 299 | 6.86 | 34.01 | | | | | | |
| W0302A | 2/15/03 | 1:58 | 7 | NH-35 | 44.65 | -124.88 | 428 | 5.97 | 34.01 | | | | | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 2 | 11.04 | 32.09 | 13.98 | 66.20 | 6.39 | 1.28 | 59.81 | 8.11 |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 10 | 11.04 | 32.09 | | | 6.49 | 1.13 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 20 | 11.01 | 32.17 | | | 5.87 | 1.09 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 31 | 10.92 | 32.29 | | | 5.20 | 1.05 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 40 | 10.79 | 32.33 | | | 4.79 | 0.93 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 50 | 10.75 | 32.34 | | | 4.90 | 0.77 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 61 | 10.66 | 32.39 | | | 3.70 | 0.50 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 71 | 10.15 | 32.55 | | | 3.22 | 0.30 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 100 | 8.18 | 32.82 | | | | 0.28 | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 152 | 7.64 | 33.51 | | | | | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 500 | 5.45 | 34.09 | | | | | | |
| W0302A | 2/15/03 | 23:47 | 11 | NH-45 | 44.65 | -125.12 | 606 | 4.85 | 34.18 | | | | | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 3 | 10.67 | 32.37 | 14.25 | 64.40 | 10.19 | 1.45 | 54.21 | 7.83 |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 9 | 10.67 | 32.37 | | | 7.53 | 1.07 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 11 | 10.67 | 32.37 | | | 7.83 | 1.16 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 21 | 10.66 | 32.37 | | | 6.42 | 1.16 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 29 | 10.66 | 32.37 | | | 7.66 | 1.17 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 41 | 10.68 | 32.37 | | | 7.90 | 1.11 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 49 | 10.68 | 32.37 | | | 7.77 | 1.06 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 68 | 10.49 | 32.89 | | | 4.13 | 0.47 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 101 | 8.10 | 33.16 | | | 3.22 | 0.35 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 152 | 8.23 | 33.77 | | | 4.43 | 0.32 | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 823 | 4.14 | 34.31 | | | | | | |
| W0302A | 2/15/03 | 18:41 | 9 | NH-65 | 44.65 | -125.6 | 1003 | 3.72 | 34.40 | | | | | | |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 3 | 11.08 | 32.45 | 11.85 | 65.50 | 4.85 | 1.01 | 60.65 | 5.58 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 10 | 11.09 | 32.45 | 12.22 | 62.90 | 4.98 | 1.11 | 57.92 | 5.92 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 21 | 11.09 | 32.45 | 12.47 | 65.20 | 7.21 | 1.38 | 57.99 | 5.82 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 31 | 11.10 | 32.45 | 11.93 | 61.10 | 5.56 | 1.13 | 55.54 | 5.55 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 40 | 11.11 | 32.45 | 12.93 | 64.10 | 5.01 | 1.13 | 59.09 | 6.56 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 51 | 11.12 | 32.50 | 12.37 | 67.20 | 4.54 | 1.03 | 62.66 | 5.96 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 73 | 10.71 | 33.00 | 18.88 | 56.30 | 3.82 | 0.37 | 52.48 | 5.29 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 100 | 7.82 | 33.10 | 26.11 | 52.10 | | 0.24 | | 4.74 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 151 | 7.54 | 33.65 | 31.26 | 49.20 | 2.61 | 0.28 | 46.59 | 2.16 |
| W0302A | 2/15/03 | 15:23 | 8 | NH-85 | 44.65 | -126.05 | 1003 | 3.69 | 34.40 | | 40.20 | | | | |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 1 | 11.25 | 31.23 | 12.02 | 92.70 | 28.47 | 3.42 | 64.23 | 8.46 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 5 | 11.24 | 31.23 | 11.48 | 84.70 | 40.50 | 4.80 | 44.20 | 6.52 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 9 | 11.23 | 31.25 | 11.40 | 96.06 | 32.38 | 3.76 | 63.68 | 7.46 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 15 | 11.03 | 31.46 | 12.62 | 85.80 | 28.46 | 3.90 | 57.34 | 7.01 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 21 | 10.88 | 31.68 | 13.37 | 72.20 | 21.93 | 3.29 | 50.27 | 7.37 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 26 | 10.87 | 31.96 | 12.56 | 68.60 | 17.09 | 2.76 | 51.51 | 6.45 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 32 | 10.69 | 32.04 | 12.62 | 62.60 | 7.79 | 1.12 | 54.81 | 6.10 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 41 | 10.58 | 32.18 | 13.39 | 57.67 | 7.60 | 0.99 | 50.07 | 5.89 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 51 | 10.07 | 32.57 | 17.46 | 61.03 | 7.95 | 0.90 | 53.08 | 6.18 |
| W0304A | 4/1/03 | 23:30 | 3 | NH-05 | 44.65 | -124.18 | 54 | 9.90 | 32.70 | 19.75 | 61.74 | 10.18 | 1.02 | 51.55 | 6.25 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 2 | 10.84 | 31.85 | 11.60 | 80.72 | 27.00 | 3.67 | 53.72 | 6.82 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 6 | 10.84 | 31.85 | 11.14 | 79.44 | 22.89 | 3.33 | 56.55 | 6.62 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 10 | 10.87 | 31.92 | 11.76 | 74.30 | 22.61 | 3.42 | 51.68 | 6.67 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 20 | 10.86 | 31.95 | 11.88 | 79.45 | 18.98 | 2.98 | 60.47 | 6.96 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 30 | 10.68 | 32.22 | 11.04 | 67.79 | 9.38 | 1.48 | 58.42 | 6.16 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 41 | 10.60 | 32.25 | 11.76 | 66.75 | 7.37 | 1.12 | 59.38 | 6.74 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 50 | 10.50 | 32.27 | 11.84 | 63.88 | 5.97 | 0.71 | 57.91 | 6.31 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 59 | 10.42 | 32.34 | 13.21 | 60.02 | 5.32 | 0.62 | 54.71 | 6.11 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 70 | 10.25 | 32.49 | 17.02 | 60.95 | 6.77 | 0.70 | 54.18 | 6.23 |
| W0304A | 4/2/03 | 4:39 | 6 | NH-15 | 44.65 | -124.41 | 85 | 9.37 | 32.90 | 23.94 | 54.21 | 6.99 | 0.66 | 47.22 | 6.09 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 3 | 10.64 | 32.26 | 10.70 | 66.94 | 9.78 | 1.60 | 57.16 | 5.55 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 10 | 10.64 | 32.26 | 10.89 | | 8.90 | 1.54 | | 5.52 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 20 | 10.64 | 32.26 | 10.85 | | 8.46 | 1.50 | | 5.95 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 31 | 10.64 | 32.26 | 10.45 | | 7.57 | 1.43 | | 5.03 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 40 | 10.64 | 32.26 | 10.66 | | 8.14 | 1.48 | | 5.42 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 50 | 10.61 | 32.26 | 10.60 | | 7.71 | 1.22 | | 5.28 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 72 | 10.44 | 32.28 | 11.51 | 64.60 | 4.89 | 0.48 | 59.71 | 5.11 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 101 | 8.75 | 33.13 | 26.29 | 58.60 | 6.22 | 0.50 | 52.38 | 6.29 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 151 | 8.13 | 33.69 | 34.34 | 53.80 | 5.55 | 0.46 | 48.25 | 2.73 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 201 | 7.29 | 33.97 | 37.90 | 54.10 | | | | 2.55 |
| W0304A | 4/2/03 | 18:25 | 9 | NH-25 | 44.65 | -124.65 | 287 | 6.18 | 34.04 | 41.06 | 57.90 | | | | 1.87 |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 4 | 10.66 | 32.26 | 11.14 | 62.06 | 8.36 | 1.38 | 53.70 | 6.20 |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 11 | 10.66 | 32.26 | | | 7.64 | 1.43 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 22 | 10.66 | 32.26 | | | 7.98 | 1.41 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 26 | 10.66 | 32.26 | | | 8.23 | 1.44 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 32 | 10.67 | 32.26 | | | 8.71 | 1.50 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 38 | 10.67 | 32.26 | | | 8.24 | 1.48 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 50 | 10.65 | 32.26 | | | 8.24 | 1.41 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 68 | 10.31 | 32.38 | | | 4.52 | 0.53 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 101 | 8.44 | 33.09 | | | 4.03 | 0.47 | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 149 | 8.18 | 33.65 | | | | | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 317 | 6.19 | 34.03 | | | | | | |
| W0304A | 4/2/03 | 16:44 | 8 | NH-35 | 44.65 | -124.88 | 429 | 4.92 | 34.13 | | | | | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 2 | 10.47 | 32.31 | 11.16 | 62.53 | 8.61 | 0.81 | 53.91 | 6.35 |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 10 | 10.47 | 32.31 | | | 8.83 | 0.87 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 21 | 10.48 | 32.31 | | | 7.70 | 0.87 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 31 | 10.49 | 32.32 | | | 6.21 | 0.85 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 40 | 10.49 | 32.33 | | | 6.72 | 0.79 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 49 | 10.48 | 32.33 | | | 5.84 | 0.91 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 53 | 10.46 | 32.34 | | | 6.75 | 1.06 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 70 | 10.18 | 32.37 | | | 6.40 | 0.83 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 102 | 8.80 | 32.98 | | | 6.19 | 0.68 | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 150 | 8.12 | 33.65 | | | | | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 329 | 6.60 | 34.02 | | | | | | |
| W0304A | 4/2/03 | 14:48 | 7 | NH-45 | 44.65 | -125.12 | 500 | 5.05 | 34.13 | | | | | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 2 | 10.61 | 32.31 | 11.06 | 62.31 | 9.61 | 1.19 | 52.70 | 5.90 |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 10 | 10.61 | 32.31 | | | 11.81 | 1.40 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 21 | 10.61 | 32.31 | | | 10.80 | 1.26 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 30 | 10.61 | 32.31 | | | 6.97 | 1.10 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 40 | 10.57 | 32.32 | | | 6.38 | 0.94 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 49 | 10.43 | 32.37 | | | 7.54 | 0.83 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 70 | 10.28 | 32.42 | | | 4.82 | 0.64 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 99 | 8.58 | 33.09 | | | 4.00 | 0.43 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 151 | 8.14 | 33.77 | | | 5.51 | 0.46 | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 401 | 5.69 | 34.01 | | | | | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 948 | 3.71 | 34.38 | | | | | | |
| W0304A | 4/3/03 | 0:41 | 11 | NH-65 | 44.65 | -125.6 | 1005 | 3.53 | 34.40 | | | | | | |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 3 | 10.73 | 32.30 | 10.24 | 58.51 | 6.39 | 0.88 | 52.12 | 6.04 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 11 | 10.73 | 32.30 | 10.41 | 57.68 | 7.01 | 1.04 | 50.67 | 6.15 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 19 | 10.73 | 32.30 | 9.68 | | 5.89 | 0.89 | | 5.51 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 30 | 10.73 | 32.30 | 9.76 | 62.60 | 6.31 | 0.88 | 56.29 | 5.58 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 30 | 10.73 | 32.30 | 9.66 | 63.20 | 6.10 | 0.88 | 57.10 | 5.47 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 38 | 10.74 | 32.30 | 9.31 | 61.41 | 5.17 | 0.88 | 56.24 | 5.27 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 52 | 10.73 | 32.31 | 9.87 | 62.28 | 6.85 | 1.06 | 55.43 | 5.72 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 70 | 10.40 | 32.38 | 13.21 | 61.29 | 4.57 | 0.59 | 56.72 | 5.97 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.51 | 33.07 | 24.94 | 53.43 | 2.99 | 0.31 | 50.45 | 4.53 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 149 | 8.26 | 33.67 | 31.89 | 47.90 | 3.02 | 0.35 | 44.88 | 3.71 |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 627 | 4.62 | 34.19 | 45.23 | 42.80 | | | | |
| W0304A | 4/3/03 | 4:05 | 12 | NH-85 | 44.65 | -126.05 | 1005 | 3.66 | 34.42 | 46.54 | 42.70 | | | | |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 2 | 10.71 | 29.89 | 9.62 | 87.30 | 32.34 | 4.09 | 54.96 | 5.13 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 5 | 10.70 | 30.71 | 10.75 | 81.90 | 27.41 | 4.05 | 54.49 | 6.40 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 9 | 10.64 | 32.03 | 10.04 | 72.30 | 25.81 | 3.87 | 46.49 | 5.80 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 16 | 10.72 | 32.16 | 10.31 | 68.60 | 18.80 | 3.22 | 49.80 | 6.16 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 21 | 10.72 | 32.19 | 10.10 | 62.70 | 17.86 | 3.12 | 44.84 | 5.89 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 26 | 10.70 | 32.21 | 9.68 | 70.10 | 17.04 | 3.02 | 53.06 | 5.20 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 30 | 10.69 | 32.24 | 9.52 | 70.87 | 18.31 | 3.12 | 52.55 | 4.91 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [µM] | TOC [µM] | POC [µM] | PON [µM] | DOC [µM] | DON [µM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 39 | 10.68 | 32.30 | 11.85 | 65.76 | 13.34 | 2.19 | 52.42 | 5.85 |
| W0304A | 4/6/03 | 18:51 | 44 | HH-01 | 44.00 | -124.2 | 45 | 10.58 | 32.38 | 12.29 | 67.78 | 13.94 | 2.07 | 53.83 | 3.91 |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 2 | 10.71 | 32.15 | 9.64 | 92.89 | 25.53 | 3.80 | 67.36 | 5.67 |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 6 | 10.71 | 32.15 | | | 27.07 | 4.11 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 10 | 10.71 | 32.15 | | | 23.20 | 3.61 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 20 | 10.71 | 32.16 | | | 23.61 | 3.64 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 29 | 10.72 | 32.31 | | | 12.68 | 2.10 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 39 | 10.69 | 32.33 | | | 4.00 | 0.60 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 49 | 10.55 | 32.38 | | | 3.21 | 0.53 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 60 | 9.64 | 32.86 | | | 3.18 | 0.47 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 69 | 9.22 | 33.10 | | | 2.95 | 0.49 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 100 | 7.88 | 33.72 | | | 3.37 | 0.36 | | |
| W0304A | 4/6/03 | 16:04 | 42 | HH-02 | 44.00 | -124.4 | 113 | 7.61 | 33.82 | | | 6.18 | 0.68 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 2 | 10.67 | 32.14 | 9.62 | | 13.89 | 2.53 | | 5.80 |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 10 | 10.66 | 32.14 | | | 16.45 | 2.98 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 20 | 10.66 | 32.14 | | | 14.61 | 2.64 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 25 | 10.67 | 32.15 | | | 15.07 | 2.70 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 30 | 10.67 | 32.15 | | | 14.62 | 2.62 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 40 | 10.68 | 32.22 | | | 6.85 | 1.23 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 49 | 10.65 | 32.34 | | | 3.84 | 0.54 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 60 | 10.61 | 32.34 | | | 4.82 | 0.63 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 70 | 10.48 | 32.42 | | | 2.94 | 0.44 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 101 | 8.20 | 33.62 | | | 3.60 | 0.50 | | |
| W0304A | 4/6/03 | 14:40 | 41 | HH-03 | 44.00 | -124.6 | 144 | 6.95 | 33.97 | | | 6.82 | 0.80 | | |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 2 | 10.60 | 32.20 | 10.04 | | 7.00 | 1.45 | | 5.33 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 5 | 10.60 | 32.20 | 10.57 | | 7.88 | 1.52 | | 6.02 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 10 | 10.61 | 32.21 | 9.75 | | 8.37 | 1.63 | | 4.88 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 20 | 10.61 | 32.20 | 10.08 | 68.49 | 7.86 | 1.66 | 60.63 | 5.17 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 25 | 10.62 | 32.21 | 10.06 | 66.75 | 7.76 | 1.62 | 59.00 | 5.20 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 31 | 10.61 | 32.21 | 9.90 | 66.57 | 7.52 | 1.67 | 59.05 | 4.99 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 41 | 10.62 | 32.21 | 10.12 | 64.96 | 7.18 | 1.61 | 57.79 | 5.25 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 51 | 10.64 | 32.22 | 9.96 | 65.29 | 6.47 | 1.34 | 58.82 | 5.13 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 60 | 10.57 | 32.30 | 11.77 | 63.49 | 4.20 | 0.82 | 59.29 | 4.70 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 70 | 10.20 | 32.49 | 15.26 | 66.12 | 3.04 | 0.50 | 63.07 | 4.72 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 94 | 9.13 | 33.14 | 26.06 | 62.24 | 3.42 | 0.55 | 58.82 | 4.40 |
| W0304A | 4/6/03 | 13:18 | 40 | HH-04 | 44.00 | -124.8 | 100 | 8.84 | 33.28 | 26.73 | 58.85 | 3.95 | 0.47 | 54.90 | 3.69 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 2 | 10.65 | 32.23 | 10.33 | 66.56 | 5.92 | 1.19 | 60.64 | 4.90 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 9 | 10.66 | 32.23 | 9.97 | 68.25 | 5.71 | 1.06 | 62.54 | 4.65 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 20 | 10.66 | 32.23 | 10.11 | | 6.00 | 1.19 | | 4.54 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 31 | 10.66 | 32.23 | 10.39 | | 5.82 | 1.17 | | 5.01 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 41 | 10.66 | 32.23 | 10.43 | | 5.42 | 1.10 | | 5.12 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 51 | 10.65 | 32.25 | 10.45 | | 4.37 | 0.79 | | 4.71 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 71 | 10.17 | 32.49 | 15.84 | | 3.78 | 0.40 | | 4.68 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 101 | 8.29 | 33.46 | 30.03 | | 2.95 | 0.31 | | 3.31 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 150 | 7.68 | 33.91 | | | 4.32 | 0.41 | | |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 499 | 5.03 | 34.12 | 43.43 | | | | | 1.44 |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 552 | 4.79 | 34.17 | | | | | | |
| W0304A | 4/6/03 | 11:12 | 39 | HH-05 | 44.00 | -125. | 771 | 4.10 | 34.31 | | | | | | |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 2 | 10.80 | 32.17 | 11.23 | 82.28 | 17.65 | 3.24 | 64.63 | 6.59 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 4 | 10.80 | 32.17 | 11.85 | 84.57 | 19.11 | 3.38 | 65.46 | 7.18 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 12 | 10.80 | 32.17 | 11.37 | 79.47 | 25.56 | 4.22 | 53.91 | 5.76 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 16 | 10.79 | 32.17 | 11.78 | 75.80 | 20.70 | 3.61 | 55.10 | 6.64 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 20 | 10.80 | 32.18 | 11.88 | 73.55 | 19.64 | 3.41 | 53.91 | 6.81 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 25 | 10.82 | 32.19 | 11.74 | 78.02 | 18.83 | 3.47 | 59.20 | 6.51 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 29 | 10.83 | 32.21 | 12.80 | 73.20 | 22.03 | 3.71 | 51.17 | 6.95 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 42 | 10.58 | 32.44 | 15.00 | 62.73 | 12.16 | 2.01 | 50.57 | 6.32 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 50 | 9.93 | 32.87 | 21.66 | 58.46 | 8.23 | 1.10 | 50.23 | 4.65 |
| W0304A | 4/3/03 | 15:56 | 14 | FM-03 | 43.22 | -124.5 | 58 | 9.51 | 33.14 | 24.69 | 55.69 | 9.01 | 1.02 | 46.68 | 4.78 |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 2 | 10.77 | 32.31 | 10.71 | 67.57 | 13.41 | 2.42 | 54.17 | 4.93 |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 7 | 10.77 | 32.31 | | | 9.79 | 2.00 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 11 | 10.77 | 32.31 | | | 10.01 | 1.93 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 21 | 10.77 | 32.31 | | | 9.16 | 1.93 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 28 | 10.77 | 32.31 | | | 8.14 | 1.62 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 41 | 10.76 | 32.36 | | | 6.62 | 1.06 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 50 | 10.21 | 32.68 | | | 4.29 | 0.63 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 60 | 8.89 | 33.42 | | | 5.35 | 0.67 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 70 | 8.62 | 33.57 | | | 6.19 | 0.70 | | |
| W0304A | 4/3/03 | 17:25 | 15 | FM-04 | 43.22 | -124.58 | 79 | 8.43 | 33.67 | | | 8.91 | 1.31 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 3 | 10.75 | 32.31 | 10.62 | 65.63 | 7.04 | 1.40 | 58.59 | 5.37 |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 10 | 10.75 | 32.31 | | | 6.86 | 1.38 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 17 | 10.74 | 32.31 | | | 7.50 | 1.51 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 20 | 10.73 | 32.32 | | | 6.38 | 1.39 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 31 | 10.74 | 32.32 | | | 6.32 | 1.33 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 40 | 10.72 | 32.35 | | | 5.22 | 1.00 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 52 | 10.56 | 32.36 | | | 4.51 | 0.73 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 61 | 10.55 | 32.39 | | | 3.75 | 0.63 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 69 | 10.25 | 32.62 | | | 4.70 | 0.59 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 100 | 8.63 | 33.64 | | | 4.05 | 0.64 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 129 | 7.61 | 33.90 | | | | 0.52 | | |
| W0304A | 4/3/03 | 18:53 | 16 | FM-05 | 43.22 | -124.67 | 149 | 7.65 | 33.92 | | | 3.66 | 0.47 | | |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 2 | 10.91 | 32.34 | 10.48 | 66.90 | 7.62 | 1.42 | 59.28 | 6.02 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 11 | 10.89 | 32.34 | 10.55 | 73.18 | 7.91 | 1.57 | 65.27 | 5.70 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 20 | 10.89 | 32.34 | 10.76 | 64.48 | 7.29 | 1.48 | 57.19 | 5.96 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 27 | 10.87 | 32.34 | 11.33 | 68.19 | 6.96 | 1.44 | 61.23 | 6.47 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 31 | 10.86 | 32.34 | 10.48 | 62.98 | 6.43 | 1.30 | 56.55 | 6.06 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 41 | 10.77 | 32.38 | 11.66 | 64.13 | 5.45 | 1.09 | 58.69 | 5.90 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 51 | 10.74 | 32.39 | 12.31 | 61.03 | 5.98 | 0.77 | 55.05 | 6.48 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 69 | 10.17 | 32.70 | 17.39 | | 5.28 | 0.65 | | 4.95 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 102 | 8.53 | 33.36 | 28.54 | | 7.31 | 0.73 | | 4.51 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 150 | 8.11 | 33.86 | 35.55 | | 5.03 | 0.47 | | 4.27 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 163 | 8.06 | 33.89 | 36.58 | | | | | 5.14 |
| W0304A | 4/3/03 | 22:08 | 18 | FM-07 | 43.22 | -124.83 | 301 | 6.25 | 34.03 | 41.63 | | | | | 4.66 |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 3 | 10.62 | 32.34 | 12.36 | | 9.70 | 1.30 | | 5.59 |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 10 | 10.63 | 32.34 | | | 7.31 | 1.26 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 20 | 10.63 | 32.34 | | | 7.18 | 1.22 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 30 | 10.63 | 32.34 | | | 6.53 | 1.16 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 40 | 10.61 | 32.34 | | | 7.26 | 1.35 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 42 | 10.61 | 32.34 | | | 7.24 | 1.28 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 50 | 10.52 | 32.35 | | | 8.44 | 1.06 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 69 | 9.77 | 32.48 | | | 7.08 | 0.73 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 100 | 7.50 | 33.16 | | | 5.32 | 0.47 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 149 | 7.63 | 33.80 | | | 5.41 | 0.43 | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 451 | 5.13 | 34.07 | | | | | | |
| W0304A | 4/4/03 | 1:10 | 19 | FM-08 | 43.22 | -125. | 1008 | 3.43 | 34.44 | | | | | | |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 2 | 10.59 | 32.35 | 12.93 | | 7.88 | 1.15 | | 6.39 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 10 | 10.59 | 32.36 | 12.50 | | 7.28 | 1.04 | | 6.47 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 20 | 10.59 | 32.36 | 12.67 | | 7.75 | 1.15 | | 5.91 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 31 | 10.59 | 32.36 | 12.65 | | 6.73 | 1.01 | | 6.19 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 40 | 10.57 | 32.36 | 12.24 | | 7.57 | 1.16 | | 5.84 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 46 | 10.56 | 32.36 | 12.31 | | 7.61 | 1.24 | | 5.49 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 51 | 10.46 | 32.37 | 12.35 | | 6.53 | 1.17 | | 5.46 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 71 | 9.57 | 32.61 | 18.68 | | 3.09 | 0.43 | | 5.67 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 102 | 7.43 | 33.07 | 27.05 | | | 0.21 | | 8.55 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 149 | 7.51 | 33.74 | 32.16 | | 2.62 | | | 7.04 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 510 | 4.84 | 34.13 | 46.42 | | | | | 2.10 |
| W0304A | 4/4/03 | 3:10 | 20 | FM-09 | 43.22 | -125.17 | 1004 | 3.45 | 34.42 | 47.79 | | | | | 1.33 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 3 | 10.81 | 31.07 | 9.32 | 78.72 | 17.72 | 3.09 | 61.00 | 5.86 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 6 | 10.81 | 31.06 | 9.71 | 85.70 | 18.85 | 3.18 | 66.85 | 6.17 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 11 | 10.88 | 31.53 | 9.58 | 87.87 | 13.45 | 2.59 | 74.42 | 6.57 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 15 | 10.97 | 31.87 | 9.38 | 79.80 | 18.70 | 3.56 | 61.11 | 5.40 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 21 | 10.94 | 32.00 | 9.50 | 74.02 | 18.41 | 3.43 | 55.60 | 5.68 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 25 | 10.96 | 32.08 | 9.23 | 76.53 | 15.80 | 3.03 | 60.73 | 5.63 |
| W0304A | 4/6/03 | 2:11 | 38 | RR-01 | 42.50 | -124.5 | 32 | 10.89 | 32.17 | 9.40 | 68.43 | 11.93 | 2.52 | 56.50 | 5.23 |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 2 | 10.91 | 32.06 | 8.81 | 82.67 | 14.56 | 2.60 | 68.11 | 5.37 |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 5 | 10.92 | 32.07 | | | 15.17 | 2.60 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 10 | 10.92 | 32.07 | | | 15.87 | 2.64 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 15 | 10.93 | 32.09 | | | 13.87 | 2.55 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 20 | 10.92 | 32.13 | | | 11.83 | 2.16 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 31 | 10.86 | 32.21 | | | 10.50 | 1.90 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 39 | 10.82 | 32.26 | | | 6.81 | 1.21 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 49 | 10.03 | 32.75 | | | 3.85 | 0.53 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 60 | 9.27 | 33.05 | | | 2.99 | 0.41 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 70 | 8.49 | 33.37 | | | 3.02 | 0.39 | | |
| W0304A | 4/6/03 | 0:40 | 37 | RR-02 | 42.50 | -124.6 | 83 | 8.40 | 33.61 | | | 4.20 | 0.49 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 2 | 10.88 | 32.18 | 8.95 | 77.02 | 13.58 | 2.38 | 63.44 | 5.60 |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 5 | 10.88 | 32.18 | | | 16.75 | 3.28 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 10 | 10.88 | 32.18 | | | 23.48 | 5.35 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 19 | 10.89 | 32.18 | | | 14.17 | 2.67 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 26 | 10.90 | 32.21 | | | 12.43 | 2.22 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 29 | 10.91 | 32.24 | | | 12.35 | 2.37 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 41 | 10.93 | 32.34 | | | 7.42 | 1.43 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 50 | 10.76 | 32.39 | | | 4.29 | 0.71 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 60 | 9.42 | 32.72 | | | 4.56 | 0.54 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 70 | 9.14 | 33.11 | | | 3.69 | 0.46 | | |
| W0304A | 4/5/03 | 22:55 | 36 | RR-03 | 42.50 | -124.7 | 120 | 8.40 | 33.65 | | | 4.05 | 0.43 | | |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 2 | 10.79 | 32.30 | 10.81 | 63.09 | 8.16 | 1.44 | 54.93 | 6.38 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 9 | 10.79 | 32.30 | 10.38 | 62.79 | 8.61 | 1.46 | 54.18 | 5.77 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 16 | 10.79 | 32.31 | 10.42 | 65.25 | 8.39 | 1.42 | 56.86 | 5.69 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 20 | 10.79 | 32.33 | 10.50 | 65.71 | 7.52 | 1.43 | 58.18 | 5.75 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 29 | 10.79 | 32.34 | 10.81 | 58.97 | 6.90 | 1.15 | 52.07 | 5.69 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 38 | 10.77 | 32.35 | 10.91 | 56.65 | 5.86 | 0.97 | 50.79 | 5.70 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 51 | 10.64 | 32.44 | 12.63 | 57.68 | 4.99 | 0.68 | 52.68 | 5.89 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 68 | 9.31 | 33.03 | 23.85 | 56.74 | 4.64 | 0.52 | 52.10 | 5.54 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 99 | 8.43 | 33.60 | 30.55 | 57.42 | 4.24 | 0.48 | 53.18 | 3.00 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 152 | 8.06 | 33.87 | 33.76 | 43.40 | 3.38 | 0.36 | 40.02 | 5.63 |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 500 | 5.08 | 34.15 | | | | | | |
| W0304A | 4/5/03 | 20:17 | 35 | RR-04 | 42.50 | -124.8 | 593 | 4.55 | 34.24 | | 42.11 | | | | |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 3 | 10.86 | 32.35 | 10.07 | 56.13 | 6.69 | 1.14 | 49.45 | 6.04 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 10 | 10.86 | 32.35 | 10.46 | 54.10 | 6.74 | 1.16 | 47.36 | 6.60 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 21 | 10.86 | 32.35 | 10.29 | 53.30 | 6.73 | 1.19 | 46.57 | 6.16 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 30 | 10.86 | 32.35 | 10.40 | 53.30 | 7.03 | 1.26 | 46.27 | 6.31 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 40 | 10.82 | 32.35 | 10.50 | 56.90 | 5.85 | 0.96 | 51.05 | 6.25 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 50 | 10.56 | 32.38 | 12.50 | 54.76 | 5.08 | 0.59 | 49.68 | 6.32 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 69 | 9.63 | 32.93 | 22.59 | 50.80 | 3.87 | 0.43 | 46.93 | 7.37 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 98 | 8.02 | 33.29 | 27.81 | 47.50 | 3.34 | 0.30 | 44.16 | 4.59 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 151 | 7.52 | 33.87 | 32.73 | 48.40 | 2.69 | | 45.71 | 5.34 |
| W0304A | 4/5/03 | 16:57 | 33 | RR-06 | 42.50 | -125. | 1005 | 3.56 | 34.43 | 46.59 | 42.19 | | | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 2 | 10.62 | 32.34 | 11.41 | 57.22 | 5.75 | 0.99 | 51.47 | 6.24 |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 10 | 10.63 | 32.34 | | | 6.42 | 1.01 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 20 | 10.63 | 32.34 | | | 6.10 | 1.01 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 30 | 10.63 | 32.34 | | | 6.23 | 0.93 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 40 | 10.62 | 32.34 | | | 6.21 | 0.93 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 51 | 10.50 | 32.35 | | | 5.25 | 0.71 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 71 | 8.96 | 32.71 | | | 3.42 | 0.32 | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 100 | 8.76 | 33.46 | | | | | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 150 | 8.08 | 33.77 | | | 2.56 | | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 511 | 5.16 | 34.17 | | | | | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 880 | 3.91 | 34.36 | | | | | | |
| W0304A | 4/5/03 | 15:10 | 32 | RR-07 | 42.50 | -125.2 | 1006 | 3.55 | 34.41 | | | | | | |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 2 | 10.99 | 32.02 | 10.31 | 63.23 | 12.10 | 2.08 | 51.13 | 6.54 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 5 | 11.06 | 32.04 | 11.08 | 64.67 | 11.18 | 2.01 | 53.49 | 7.31 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 8 | 11.07 | 32.05 | 10.00 | 64.08 | 11.14 | 2.13 | 52.94 | 6.12 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 10 | 11.04 | 32.09 | 10.19 | 66.44 | 11.86 | 1.99 | 54.58 | 5.97 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 15 | 10.98 | 32.17 | 11.40 | 57.30 | 9.62 | 1.70 | 47.68 | 6.11 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 20 | 10.86 | 32.28 | 12.93 | 55.31 | 8.38 | 1.34 | 46.93 | 5.58 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 26 | 10.46 | 32.59 | 16.83 | 62.76 | 5.45 | 0.77 | 57.31 | 6.19 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 30 | 10.09 | 32.84 | 20.01 | 58.25 | 4.74 | 0.50 | 53.51 | 6.97 |
| W0304A | 4/4/03 | 13:38 | 21 | CR-01 | 41.90 | -124.3 | 35 | 10.04 | 32.87 | 20.88 | 62.63 | 10.76 | 1.08 | 51.88 | 5.34 |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 2 | 11.06 | 32.22 | 9.34 | 65.00 | 13.12 | 2.49 | 51.88 | 5.64 |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 5 | 11.06 | 32.22 | | | 13.16 | 2.58 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 10 | 11.06 | 32.22 | | | 12.60 | 2.48 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 15 | 11.08 | 32.22 | | | 13.34 | 2.63 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 20 | 11.08 | 32.22 | | | 13.13 | 2.53 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 30 | 11.04 | 32.26 | | | 8.88 | 1.64 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 41 | 10.88 | 32.35 | | | 4.70 | 0.82 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 49 | 10.45 | 32.58 | | | 4.18 | 0.57 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 60 | 9.62 | 33.08 | | | 3.96 | 0.47 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 70 | 9.46 | 33.17 | | | 4.26 | 0.43 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 100 | 8.12 | 33.85 | | | 3.58 | 0.36 | | |
| W0304A | 4/4/03 | 16:15 | 23 | CR-03 | 41.90 | -124.5 | 116 | 7.91 | 33.93 | | | 3.61 | 0.43 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 2 | 11.03 | 32.26 | 10.04 | 58.82 | 8.41 | 1.67 | 50.41 | 5.60 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 11 | 11.00 | 32.27 | | | 8.49 | 1.60 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 11 | 11.00 | 32.28 | | | 8.48 | 1.63 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 20 | 10.99 | 32.30 | | | 8.01 | 1.61 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 29 | 10.99 | 32.32 | | | 7.57 | 1.39 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 39 | 10.99 | 32.35 | | | 6.44 | 1.20 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 50 | 10.96 | 32.37 | | | 5.30 | 0.94 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 71 | 9.60 | 33.05 | | | 3.79 | 0.52 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 100 | 8.99 | 33.45 | | | 3.82 | 0.47 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 150 | 7.61 | 33.94 | | | 2.83 | 0.31 | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 252 | 6.43 | 34.04 | | | | | | |
| W0304A | 4/4/03 | 18:00 | 24 | CR-04 | 41.90 | -124.6 | 450 | 5.25 | 34.14 | | | | | | |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 2 | 11.23 | 32.35 | 9.96 | 62.33 | 7.31 | 1.34 | 55.02 | 6.34 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 10 | 11.20 | 32.35 | 9.22 | 58.34 | 6.61 | 1.43 | 51.73 | 5.49 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 20 | 11.15 | 32.35 | 9.55 | 64.61 | 5.89 | 1.21 | 58.72 | 5.95 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 30 | 11.15 | 32.35 | 9.20 | 59.09 | 7.15 | 1.36 | 51.94 | 5.39 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 41 | 11.14 | 32.35 | 9.75 | 60.76 | 5.71 | 1.02 | 55.04 | 6.12 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 51 | 11.06 | 32.36 | 10.00 | 59.03 | 5.86 | 0.95 | 53.18 | 5.85 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 70 | 9.25 | 32.86 | 20.86 | 50.31 | 4.59 | 0.53 | 45.72 | 5.82 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 101 | 8.54 | 33.33 | 27.73 | 47.56 | 2.71 | 0.35 | 44.85 | 5.71 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 150 | 8.27 | 33.75 | 34.02 | 45.87 | 4.00 | 0.41 | 41.86 | 6.16 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 501 | 5.05 | 34.16 | 44.43 | 40.22 | | | | 1.15 |
| W0304A | 4/4/03 | 20:38 | 25 | CR-05 | 41.90 | -124.7 | 551 | 4.80 | 34.21 | 44.41 | 38.65 | | | | 0.08 |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 2 | 11.28 | 32.36 | 9.14 | 63.74 | 12.93 | 1.64 | 50.81 | 5.26 |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 10 | 11.29 | 32.36 | | | 9.68 | 1.44 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 20 | 11.28 | 32.36 | | | 9.57 | 1.46 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 26 | 11.27 | 32.36 | | | 8.17 | 1.28 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 31 | 11.24 | 32.36 | | | 6.58 | 1.27 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 40 | 11.18 | 32.36 | | | 6.25 | 1.07 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 50 | 10.72 | 32.37 | | | 4.35 | 0.84 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 70 | 9.77 | 32.60 | | | 2.94 | 0.55 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 101 | 8.52 | 33.13 | | | 3.84 | 0.39 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 150 | 8.25 | 33.83 | | | 4.21 | 0.41 | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 500 | 5.32 | 34.15 | | | | | | |
| W0304A | 4/5/03 | 0:48 | 27 | CR-07 | 41.90 | -125. | 799 | 4.09 | 34.35 | | | | | | |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 3 | 11.42 | 32.37 | 9.92 | 62.82 | 7.30 | 1.49 | 55.52 | 6.99 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 10 | 11.42 | 32.37 | 8.80 | 62.90 | 7.22 | 1.40 | 55.68 | 5.79 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 20 | 11.43 | 32.37 | 9.11 | 59.82 | 6.85 | 1.39 | 52.96 | 6.19 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 26 | 11.43 | 32.37 | 9.01 | 60.43 | 7.24 | 1.48 | 53.18 | 5.93 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 31 | 11.43 | 32.37 | 9.32 | 61.42 | 8.13 | 1.44 | 53.30 | 6.19 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 40 | 11.32 | 32.38 | 9.34 | 59.52 | 7.19 | 1.36 | 52.33 | 5.89 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 50 | 10.89 | 32.44 | 11.36 | 56.59 | 4.34 | 0.59 | 52.25 | 5.39 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 70 | 10.02 | 32.74 | 18.32 | 52.12 | 3.99 | 0.56 | 48.14 | 5.85 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 100 | 8.62 | 33.27 | 26.31 | 47.50 | 4.59 | 0.53 | 42.91 | 8.17 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 151 | 8.30 | 33.84 | 32.98 | 43.79 | 2.84 | 0.40 | 40.95 | 4.78 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 390 | 5.89 | 34.09 | 41.94 | 41.48 | | | | 1.52 |
| W0304A | 4/5/03 | 4:25 | 29 | CR-09 | 41.90 | -125.4 | 980 | 3.72 | 34.40 | 46.49 | 39.56 | | | | 1.95 |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 3 | 11.25 | 32.37 | 9.49 | 63.34 | 7.65 | 1.14 | 55.69 | 6.42 |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 9 | 11.25 | 32.37 | | | 6.62 | 1.13 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 19 | 11.26 | 32.37 | | | 8.66 | 1.22 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 30 | 11.26 | 32.37 | | | 8.27 | 1.10 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 39 | 11.25 | 32.37 | | | 5.37 | 1.00 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 50 | 10.66 | 32.38 | | | 3.87 | 0.52 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 71 | 9.48 | 32.80 | | | 2.71 | 0.44 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 101 | 8.29 | 33.24 | | | 2.80 | 0.41 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 150 | 8.15 | 33.65 | | | 2.97 | 0.30 | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 384 | 5.65 | 34.01 | | | | | | |
| W0304A | 4/5/03 | 9:33 | 31 | CR-11 | 41.90 | -126. | 1006 | 3.54 | 34.44 | | | | | | |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 3 | 10.48 | 33.23 | 29.51 | | 66.87 | 13.88 | | 3.82 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 6 | 10.47 | 33.25 | 31.70 | | 56.64 | 11.18 | | 7.41 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 11 | 10.06 | 33.50 | 35.80 | | 76.21 | 12.18 | | 6.60 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 17 | 8.37 | 33.58 | 38.28 | | 29.19 | 6.09 | | |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 21 | 7.65 | 33.76 | 40.58 | 44.43 | 10.71 | 2.02 | 33.72 | 2.54 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 25 | 7.51 | 33.80 | 39.98 | 43.11 | 6.28 | 0.84 | 36.83 | 2.61 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 29 | 7.40 | 33.81 | 40.06 | 42.35 | 7.34 | 0.93 | 35.00 | 1.36 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.49 | 33.90 | 40.62 | 49.35 | 8.84 | 1.18 | 40.51 | 2.10 |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.19 | 33.93 | 38.57 | 74.31 | 32.65 | 5.64 | 41.66 | |
| NH0307A | 7/3/03 | 2:50 | 3 | NH-05 | 44.65 | -124.18 | 55 | 7.14 | 33.93 | 40.21 | 43.50 | 9.40 | 1.12 | 34.10 | 2.25 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 2 | 12.50 | 31.73 | 12.01 | 105.25 | 40.82 | 4.41 | 64.43 | 7.59 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 7 | 12.48 | 31.73 | 11.95 | 106.86 | 43.78 | 4.22 | 63.09 | 7.70 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 12 | 11.73 | 31.86 | 12.73 | 105.74 | 31.51 | 4.22 | 74.23 | 8.48 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 18 | 9.19 | 32.28 | 18.68 | 65.61 | 18.68 | 3.33 | 46.92 | 7.32 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 19 | 9.14 | 32.29 | 19.98 | 63.49 | 15.75 | 2.79 | 47.74 | 8.25 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 31 | 8.42 | 32.49 | 21.89 | 70.94 | 7.35 | 1.25 | 63.59 | 6.18 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 39 | 8.06 | 32.65 | 25.05 | 62.92 | 7.08 | 0.96 | 55.84 | 5.55 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 51 | 7.78 | 32.80 | 26.92 | 60.53 | 6.00 | 0.77 | 54.53 | 4.99 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.52 | 32.99 | 30.00 | 53.23 | 5.25 | 0.61 | 47.98 | 4.95 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 71 | 7.33 | 33.36 | 34.10 | 50.80 | 25.86 | 2.02 | 24.94 | 3.04 |
| NH0307A | 7/3/03 | 7:49 | 5 | NH-15 | 44.65 | -124.41 | 82 | 7.30 | 33.69 | 38.53 | 47.82 | 8.52 | 0.86 | 39.30 | 6.18 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 3 | 14.22 | 30.95 | 11.18 | 123.90 | 39.22 | 3.81 | 84.68 | 7.38 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 10 | 14.26 | 30.98 | 10.59 | 137.10 | 26.17 | 3.30 | 110.93 | 7.27 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 20 | 11.24 | 32.06 | 10.45 | 69.18 | 7.33 | 1.25 | 61.84 | 8.06 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 31 | 9.79 | 32.24 | 12.64 | 64.14 | 6.06 | 0.97 | 58.08 | 6.54 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 40 | 9.26 | 32.30 | 15.23 | 56.16 | 4.65 | 0.76 | 51.51 | 5.79 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.87 | 32.40 | 17.97 | 53.01 | 4.49 | 0.64 | 48.52 | 6.43 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 72 | 7.62 | 33.06 | | 48.86 | 3.23 | 0.43 | 45.63 | |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 102 | 7.69 | 33.54 | 33.22 | 49.25 | 3.29 | 0.53 | 45.96 | 3.15 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 149 | 7.36 | 33.93 | 37.80 | 48.32 | 3.87 | 0.48 | 44.45 | 2.18 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 199 | 6.82 | 33.98 | 40.56 | 46.35 | | | | 4.90 |
| NH0307A | 7/3/03 | 12:31 | 7 | NH-25 | 44.65 | -124.65 | 243 | 6.54 | 34.00 | 40.66 | 50.93 | | | | 2.36 |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 3 | 15.01 | 30.65 | 10.58 | 123.97 | 30.20 | 3.12 | 93.77 | 7.41 |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 9 | 14.98 | 30.66 | | | 27.81 | 2.91 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 19 | 12.67 | 31.94 | | | 9.40 | 1.54 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 29 | 11.42 | 32.22 | | | 15.82 | 2.32 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 40 | 10.28 | 32.26 | | | 7.59 | 1.21 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 50 | 10.03 | 32.27 | | | 4.30 | 0.85 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 69 | 9.70 | 32.52 | | | 3.02 | 0.51 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 101 | 7.74 | 33.13 | | | 3.44 | 0.47 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 149 | 7.27 | 33.82 | | | 3.92 | 0.52 | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 237 | 6.49 | 34.01 | | | | | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 255 | 6.39 | 34.01 | | | | | | |
| NH0307A | 7/3/03 | 14:30 | 8 | NH-35 | 44.65 | -124.88 | 429 | 5.60 | 34.09 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 3 | 15.63 | 29.84 | 9.13 | 121.84 | 22.21 | 2.26 | 99.63 | 6.88 |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 10 | 14.27 | 30.98 | | | 18.80 | 2.24 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 20 | 12.67 | 31.63 | | | 11.56 | 2.22 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 30 | 11.32 | 32.23 | | | 9.83 | 1.59 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 40 | 10.22 | 32.28 | | | 6.69 | 1.11 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 49 | 9.73 | 32.32 | | | 5.48 | 0.78 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 70 | 8.90 | 32.54 | | | 4.26 | 0.59 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 149 | 7.73 | 33.76 | | | 5.69 | 0.62 | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 271 | 6.35 | 34.01 | | | | | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 500 | 5.26 | 34.12 | | | | | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 573 | 5.00 | 34.15 | | | | | | |
| NH0307A | 7/3/03 | 17:55 | 9 | NH-45 | 44.65 | -125.12 | 690 | 4.40 | 34.28 | | | | | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 3 | 15.80 | 30.25 | 8.55 | 96.27 | 17.13 | 2.13 | 79.14 | 6.38 |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 11 | 15.68 | 30.30 | | | 10.74 | 1.58 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 21 | 13.73 | 31.65 | | | 8.69 | 1.28 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 31 | 10.98 | 32.16 | | | 10.31 | 1.83 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 35 | 10.39 | 32.16 | | | 12.33 | 2.15 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 41 | 10.18 | 32.17 | | | 9.57 | 1.61 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 50 | 10.19 | 32.33 | | | 5.79 | 0.65 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 71 | 8.92 | 32.71 | | | 6.17 | 0.70 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 102 | 7.92 | 33.15 | | | 6.19 | 0.79 | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 155 | 7.50 | 33.77 | | | | | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 769 | 4.22 | 34.31 | | | | | | |
| NH0307A | 7/3/03 | 23:23 | 11 | NH-65 | 44.65 | -125.6 | 1009 | 3.64 | 34.42 | | | | | | |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 3 | 16.33 | 30.75 | 7.28 | 87.00 | 6.46 | 1.09 | 80.54 | 5.80 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 11 | 16.32 | 30.75 | 7.38 | 87.40 | 8.11 | 1.38 | 79.28 | 5.58 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 22 | 15.62 | 30.76 | 8.04 | 82.39 | 7.90 | 1.44 | 74.49 | 5.29 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 31 | 12.26 | 31.95 | 7.83 | 79.00 | 6.51 | 1.17 | 72.50 | 6.18 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 40 | 11.33 | 32.16 | 7.77 | 81.29 | 6.09 | 1.14 | 75.20 | 6.08 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 44 | 10.70 | 32.22 | 8.63 | 79.32 | 10.27 | 2.04 | 69.05 | 3.04 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 53 | 10.15 | 32.25 | 12.08 | 68.40 | 5.07 | 0.86 | 63.33 | 6.25 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 65 | 9.74 | 32.33 | 16.01 | 68.30 | 2.65 | 0.50 | 65.65 | 6.06 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 100 | 8.43 | 32.99 | 26.39 | 62.00 | | 0.32 | | 4.40 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 155 | 7.97 | 33.64 | 33.30 | 57.12 | | | | 3.70 |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 755 | 4.17 | 34.30 | 46.03 | 52.33 | | | | |
| NH0307A | 7/4/03 | 2:39 | 12 | NH-85 | 44.65 | -126.05 | 1006 | 3.52 | 34.40 | 47.32 | 38.66 | | | | 0.91 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 3 | 9.58 | 33.41 | 33.63 | 177.95 | 57.25 | 11.64 | 120.69 | 6.97 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 6 | 9.14 | 33.50 | 34.90 | 158.52 | 92.98 | 14.94 | 65.54 | 1.31 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 11 | 8.66 | 33.62 | 36.46 | 102.83 | 33.64 | 7.30 | 69.19 | 3.59 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 15 | 7.96 | 33.71 | 37.13 | 77.13 | 27.40 | 5.34 | 49.73 | 0.48 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 22 | 7.69 | 33.80 | 37.45 | 61.61 | 18.32 | 3.21 | 43.29 | 0.59 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 26 | 7.68 | 33.80 | | 52.25 | 14.01 | 2.53 | 38.24 | |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 30 | 7.69 | 33.81 | 38.71 | 55.02 | 18.48 | 2.99 | 36.53 | 0.92 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 40 | 7.64 | 33.83 | 37.90 | 48.64 | 12.79 | 2.39 | 35.85 | 0.44 |
| NH0307A | 7/8/03 | 0:55 | 34 | HH-01 | 44.00 | -124.2 | 49 | 7.61 | 33.85 | 37.61 | 47.37 | 13.84 | 2.53 | 33.53 | 0.47 |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 3 | 11.18 | 33.04 | 27.68 | 257.37 | 133.68 | 13.76 | 123.69 | 13.54 |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 6 | 10.85 | 33.04 | | | 121.37 | 13.28 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 11 | 9.99 | 33.18 | | | 116.95 | 14.98 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 19 | 9.49 | 33.26 | | | 71.82 | 13.97 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 31 | 7.90 | 33.32 | | | 21.36 | 4.36 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 39 | 7.69 | 33.53 | | | 11.82 | 2.13 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 49 | 7.61 | 33.68 | | | 7.45 | 1.30 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 59 | 7.54 | 33.80 | | | 6.53 | 1.07 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 70 | 7.50 | 33.84 | | | 6.23 | 1.02 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 100 | 6.98 | 33.98 | | | 18.45 | 3.13 | | |
| NH0307A | 7/8/03 | 2:18 | 35 | HH-02 | 44.00 | -124.4 | 115 | 6.95 | 33.98 | | | 22.64 | 3.74 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 10 | 10.13 | 33.11 | 30.92 | 212.54 | 114.68 | 17.39 | 97.85 | 6.53 |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 21 | 8.69 | 33.34 | | | 52.78 | 8.94 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 31 | 7.79 | 33.55 | | | 21.76 | 3.97 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 40 | 7.42 | 33.74 | | | 10.25 | 1.55 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 53 | 7.37 | 33.79 | | | 10.32 | 1.58 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 61 | 7.29 | 33.83 | | | 8.47 | 1.05 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 70 | 7.15 | 33.86 | | | 7.13 | 0.84 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 101 | 7.22 | 33.97 | | | 7.71 | 1.14 | | |
| NH0307A | 7/8/03 | 4:28 | 36 | HH-03 | 44.00 | -124.6 | 148 | 6.97 | 33.98 | | | 10.96 | 1.59 | | |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 2 | 11.63 | 32.60 | 12.19 | 124.46 | 58.18 | 6.01 | 66.28 | 6.14 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 6 | 11.59 | 32.61 | 13.49 | 139.42 | 56.30 | 6.05 | 83.12 | 7.40 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 10 | 11.29 | 32.68 | 15.07 | 124.14 | 56.41 | 7.87 | 67.73 | 6.94 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 15 | 8.82 | 32.42 | 34.92 | 166.16 | 83.77 | 11.17 | 82.40 | 11.81 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 20 | 8.61 | 32.46 | 27.84 | 138.17 | 48.72 | 6.77 | 89.44 | 5.29 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 31 | 8.12 | 32.61 | 26.87 | 70.21 | 21.18 | 2.84 | 49.02 | 5.28 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 41 | 7.61 | 32.93 | 28.37 | 52.70 | 7.23 | 0.84 | 45.47 | 3.96 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 52 | 8.33 | 33.24 | 32.18 | 52.25 | 9.55 | 1.54 | 42.70 | 3.17 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 61 | 8.04 | 33.51 | 35.26 | 51.69 | 10.88 | 1.63 | 40.82 | 2.50 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 70 | 7.93 | 33.61 | 37.84 | 50.50 | 8.94 | 1.33 | 41.56 | 3.80 |
| NH0307A | 7/8/03 | 7:04 | 37 | HH-04 | 44.00 | -124.8 | 99 | 7.14 | 33.85 | 37.51 | 44.27 | 7.47 | 1.12 | 36.80 | 1.69 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 3 | 11.83 | 32.35 | 14.57 | 146.52 | 79.11 | 7.64 | 67.41 | 6.83 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 10 | 11.78 | 32.38 | 16.49 | 151.47 | 91.10 | 8.26 | 60.37 | 8.10 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 21 | 10.39 | 32.62 | 26.24 | 148.86 | 81.82 | 11.21 | 67.03 | 8.33 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 31 | 9.37 | 32.88 | 29.43 | 94.33 | 41.97 | 6.52 | 52.36 | 5.84 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 41 | 8.29 | 33.11 | 30.55 | 78.98 | 17.70 | 2.96 | 61.28 | 5.98 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 52 | 7.83 | 33.34 | 33.15 | 58.44 | 12.33 | 1.55 | 46.12 | 2.17 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 71 | 7.49 | 33.63 | 35.32 | 51.00 | 8.08 | 1.10 | 42.92 | 1.83 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 102 | 7.33 | 33.91 | 36.34 | 46.88 | 7.47 | 0.92 | 39.41 | 1.72 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 153 | 7.11 | 33.98 | 36.65 | 52.10 | 3.41 | 0.49 | 48.69 | 2.68 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 398 | 5.68 | 34.09 | 41.95 | 48.60 | | | | 1.80 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 502 | 5.19 | 34.15 | 43.43 | 43.86 | | | | 2.00 |
| NH0307A | 7/7/03 | 6:02 | 33 | HH-05 | 44.00 | -125. | 815 | 4.11 | 34.34 | | 48.26 | | | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 3 | 13.14 | 31.93 | 9.90 | 100.85 | 33.75 | 4.03 | 67.11 | 5.63 |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 10 | 13.12 | 31.92 | | | 30.09 | 3.78 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 22 | 9.97 | 32.27 | | | 15.52 | 2.41 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 31 | 9.58 | 32.31 | | | 10.90 | 1.68 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 40 | 8.94 | 32.37 | | | 9.56 | 1.10 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 49 | 8.83 | 32.49 | | | 7.03 | 0.82 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 72 | 8.08 | 32.96 | | | 8.14 | 1.42 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 103 | 8.07 | 33.51 | | | 6.73 | 1.16 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 152 | 7.50 | 33.90 | | | 9.03 | 1.60 | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 343 | 5.72 | 34.03 | | | | | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 782 | 4.22 | 34.32 | | | | | | |
| NH0307A | 7/7/03 | 3:44 | 32 | HH-07 | 44.00 | -125.2 | 1003 | 3.62 | 34.41 | | | | | | |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 2 | 8.88 | 33.70 | 34.10 | 114.63 | 28.06 | 6.01 | 86.57 | 5.12 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 5 | 8.89 | 33.70 | 34.33 | 101.71 | 40.97 | 8.08 | 60.73 | 3.15 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 10 | 8.54 | 33.71 | 34.90 | 85.76 | 28.05 | 5.91 | 57.71 | 4.51 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 14 | 8.30 | 33.72 | 36.36 | 83.25 | 32.23 | 7.01 | 51.02 | 1.98 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 20 | 8.06 | 33.73 | 36.74 | 69.47 | 22.18 | 4.47 | 47.29 | 1.03 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 26 | 7.70 | 33.81 | 37.12 | 56.66 | 7.71 | 1.38 | 48.96 | 1.38 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 30 | 7.59 | 33.85 | 38.05 | 54.98 | 9.78 | 1.43 | 45.20 | 2.37 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 40 | 7.39 | 33.91 | 38.32 | 52.52 | 7.11 | 1.11 | 45.41 | 1.39 |
| NH0307A | 7/6/03 | 19:45 | 30 | FM-03 | 43.22 | -124.5 | 48 | 7.36 | 33.91 | 38.11 | 50.75 | 7.15 | 1.11 | 43.60 | 1.46 |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 4 | 9.59 | 33.43 | 32.77 | 137.61 | 40.26 | 8.83 | 97.35 | 8.54 |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 6 | 9.48 | 33.43 | | | 47.42 | 9.92 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 12 | 9.35 | 33.44 | | | 45.56 | 7.98 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 20 | 8.12 | 33.58 | | | 18.53 | 3.40 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 31 | 7.68 | 33.79 | | | 9.94 | 1.80 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 40 | 7.46 | 33.88 | | | 6.53 | 0.82 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 50 | 7.39 | 33.90 | | | 8.47 | 1.16 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 59 | 7.25 | 33.95 | | | 7.34 | 0.89 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 71 | 7.25 | 33.96 | | | 7.48 | 0.91 | | |
| NH0307A | 7/6/03 | 17:55 | 29 | FM-04 | 43.22 | -124.58 | 81 | 7.22 | 33.97 | | | 10.85 | 1.40 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 3 | 9.96 | 32.80 | 26.80 | 105.18 | 33.95 | 7.25 | 71.23 | 9.70 |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 6 | 9.96 | 32.80 | | | 35.86 | 7.71 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 10 | 9.95 | 32.80 | | | 31.40 | 7.10 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 23 | 9.24 | 32.87 | | | 22.82 | 5.10 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 31 | 9.45 | 33.10 | | | 35.39 | 7.74 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 42 | 9.29 | 33.34 | | | 26.96 | 5.37 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 50 | 7.88 | 33.51 | | | 10.11 | 1.66 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 68 | 7.75 | 33.75 | | | 6.63 | 1.01 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 100 | 7.33 | 33.95 | | | 4.23 | 0.52 | | |
| NH0307A | 7/6/03 | 16:07 | 28 | FM-05 | 43.22 | -124.67 | 155 | 7.16 | 34.00 | | | 7.23 | 0.89 | | |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 4 | 11.80 | 32.21 | 12.11 | 82.55 | 16.26 | 3.55 | 66.29 | 5.48 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 10 | 11.81 | 32.21 | 12.21 | 81.03 | 17.28 | 3.54 | 63.75 | 4.26 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 20 | 10.57 | 32.23 | 15.18 | 71.59 | 14.89 | 3.17 | 56.70 | 4.92 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 25 | 9.42 | 32.31 | 17.24 | 64.28 | 9.77 | 2.02 | 54.52 | 6.17 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 32 | 9.10 | 32.41 | 21.29 | 61.19 | 8.30 | 1.91 | 52.89 | 6.16 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 41 | 8.82 | 32.59 | 23.33 | 59.35 | 6.93 | 1.42 | 52.42 | 6.21 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 53 | 8.39 | 32.87 | 27.47 | 63.12 | 5.60 | 0.88 | 57.52 | 4.83 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 70 | 7.90 | 33.32 | 33.44 | 56.12 | 10.04 | 1.05 | 46.08 | 5.74 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 100 | 7.76 | 33.70 | 33.19 | 54.62 | 5.32 | 0.74 | 49.30 | 2.56 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 151 | 7.39 | 33.96 | 37.54 | 52.92 | 5.41 | 0.80 | 47.51 | 2.78 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 217 | 7.01 | 34.02 | 39.18 | 45.21 | | | | 0.67 |
| NH0307A | 7/6/03 | 11:59 | 26 | FM-07 | 43.22 | -124.83 | 303 | 6.48 | 34.05 | 39.63 | 45.17 | | | | 3.07 |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 2 | 11.93 | 32.19 | 10.72 | 79.31 | 19.04 | 3.38 | 60.27 | 4.72 |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 10 | 11.90 | 32.18 | | | 20.77 | 3.71 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 16 | 11.33 | 32.18 | | | 21.83 | 3.79 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 21 | 10.24 | 32.21 | | | 22.12 | 3.67 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 30 | 9.89 | 32.31 | | | 9.79 | 1.42 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 40 | 9.68 | 32.40 | | | 5.45 | 0.78 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 50 | 8.61 | 32.72 | | | 7.34 | 0.81 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 70 | 8.17 | 33.15 | | | 3.13 | 0.38 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 103 | 7.85 | 33.60 | | | 3.62 | 0.49 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 155 | 7.43 | 33.95 | | | 4.56 | 0.60 | | |
| NH0307A | 7/6/03 | 9:28 | 25 | FM-08 | 43.22 | -125. | 1005 | 3.77 | 34.41 | | | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 3 | 12.95 | 32.09 | 8.40 | 70.76 | 19.29 | 2.62 | 51.47 | 4.52 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 9 | 12.92 | 32.09 | 10.95 | 77.98 | 19.44 | 2.86 | 58.54 | 7.24 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 15 | 11.73 | 32.13 | 13.68 | 96.74 | 23.48 | 3.50 | 73.26 | 9.27 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 19 | 10.84 | 32.21 | 14.04 | 95.56 | 40.11 | 5.70 | 55.45 | 5.71 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 30 | 9.98 | 32.32 | 13.62 | 72.98 | 7.90 | 1.08 | 65.08 | 5.88 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 40 | 9.46 | 32.36 | 17.41 | 66.65 | 6.04 | 0.83 | 60.62 | 5.64 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 52 | 9.11 | 32.46 | 18.66 | 62.23 | 5.69 | 0.65 | 56.54 | 4.83 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 71 | 8.67 | 32.77 | 24.31 | 58.29 | 5.25 | 0.56 | 53.04 | 5.09 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 95 | 7.92 | 33.33 | 30.73 | 54.37 | 4.33 | 0.44 | 50.04 | 3.98 |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 155 | 7.77 | 33.90 | 36.99 | 52.88 | 3.89 | 0.47 | 48.99 | |
| NH0307A | 7/6/03 | 6:36 | 24 | FM-09 | 43.22 | -125.17 | 1006 | 3.80 | 34.41 | 48.19 | 37.83 | | | | 1.18 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 2 | 11.11 | 33.71 | 24.46 | 166.70 | 89.85 | 11.72 | 76.85 | 10.52 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 6 | 10.59 | 33.69 | 28.46 | 169.89 | 72.57 | 11.29 | 97.33 | 11.40 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 10 | 10.52 | 33.70 | 30.36 | 162.60 | 83.85 | 13.83 | 78.75 | 10.77 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 15 | 10.18 | 33.74 | 39.81 | 138.88 | 68.00 | 11.24 | 70.88 | 12.72 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 20 | 8.58 | 33.79 | 41.29 | 83.07 | 37.90 | 6.06 | 45.17 | 3.15 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 25 | 8.34 | 33.85 | 40.62 | 76.10 | 25.59 | 4.36 | 50.51 | 4.94 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 31 | 8.27 | 33.87 | 40.31 | 66.87 | 24.92 | 4.08 | 41.95 | 4.55 |
| NH0307A | 7/4/03 | 20:50 | 13 | CR-01 | 41.90 | -124.3 | 35 | 8.27 | 33.87 | 41.20 | 69.92 | 29.56 | 4.80 | 40.36 | 5.04 |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 4 | 10.47 | 33.69 | 28.40 | 170.81 | 95.62 | 14.10 | 75.19 | 9.90 |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 6 | 10.36 | 33.69 | | | 76.01 | 11.62 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 11 | 10.43 | 33.69 | | | 63.39 | 9.87 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 19 | 8.38 | 33.64 | | | 27.37 | 4.25 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 30 | 8.27 | 33.76 | | | 14.55 | 2.18 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 41 | 8.36 | 33.83 | | | 12.90 | 2.17 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 50 | 7.91 | 33.89 | | | 15.49 | 2.52 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 59 | 7.87 | 33.93 | | | 6.57 | 1.00 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 70 | 7.80 | 33.95 | | | 6.17 | 0.90 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 91 | 7.71 | 33.96 | | | 7.58 | 1.06 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 100 | 7.69 | 33.97 | | | 6.24 | 1.08 | | |
| NH0307A | 7/4/03 | 23:54 | 15 | CR-03 | 41.90 | -124.5 | 133 | 7.48 | 34.00 | | | 8.74 | 1.37 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 3 | 9.73 | 33.59 | 28.76 | 103.51 | 49.24 | 7.05 | 54.27 | 6.87 |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 10 | 9.73 | 33.59 | | | 35.25 | 5.74 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 20 | 9.41 | 33.60 | | | | | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 29 | 8.54 | 33.59 | | | | | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 40 | 8.20 | 33.67 | | | 7.81 | 1.20 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 50 | 8.00 | 33.82 | | | 5.26 | 0.80 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 69 | 7.88 | 33.90 | | | 3.64 | 0.51 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 102 | 7.63 | 33.98 | | | 5.30 | 0.67 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 151 | 7.44 | 34.00 | | | 26.59 | 2.39 | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 434 | 5.97 | 34.10 | | | | | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 437 | 5.97 | 34.10 | | | | | | |
| NH0307A | 7/5/03 | 2:10 | 16 | CR-04 | 41.90 | -124.6 | 497 | 5.77 | 34.12 | | | | | | |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 3 | 9.89 | 33.45 | 26.39 | 75.98 | 19.79 | 3.04 | 56.19 | 5.47 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 20 | 9.87 | 33.47 | 26.80 | 69.32 | | | | 8.79 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 31 | 9.76 | 33.49 | 27.32 | 75.23 | 21.95 | 3.33 | 53.28 | 4.12 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 38 | 9.41 | 33.53 | 28.06 | 63.03 | 18.54 | 2.85 | 44.49 | 4.09 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 50 | 8.92 | 33.61 | 32.04 | 53.71 | 9.04 | 1.68 | 44.67 | 6.95 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 71 | 8.45 | 33.63 | 34.84 | 52.92 | 7.29 | 1.36 | 45.63 | 5.90 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 100 | 8.07 | 33.77 | 35.47 | 48.56 | 5.93 | 1.14 | 42.63 | 4.29 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 151 | 7.61 | 33.98 | 39.24 | 44.31 | 5.40 | 0.78 | 38.91 | 3.57 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 280 | 6.40 | 34.07 | 43.51 | 49.84 | | | | 3.67 |
| NH0307A | 7/5/03 | 5:12 | 17 | CR-05 | 41.90 | -124.7 | 500 | 5.48 | 34.16 | 45.95 | 38.78 | | | | 5.38 |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 3 | 10.41 | 33.38 | 24.01 | 72.95 | 14.94 | 2.90 | 58.02 | 7.85 |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 10 | 10.41 | 33.38 | | | 15.55 | 2.97 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 20 | 10.33 | 33.38 | | | 16.49 | 3.17 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 26 | 9.90 | 33.37 | | | 12.26 | 2.37 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 30 | 9.07 | 33.34 | | | 8.50 | 1.54 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 39 | 8.74 | 33.55 | | | 5.42 | 0.65 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 51 | 8.64 | 33.56 | | | 5.34 | 0.70 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 68 | 8.71 | 33.66 | | | 6.38 | 1.00 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 101 | 8.34 | 33.69 | | | 6.31 | 0.88 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 151 | 7.64 | 33.96 | | | 8.74 | 1.15 | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 508 | 5.07 | 34.19 | | | | | | |
| NH0307A | 7/5/03 | 10:55 | 19 | CR-07 | 41.90 | -125. | 817 | 4.14 | 34.36 | | | | | | |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 2 | 11.87 | 32.24 | 9.93 | 86.14 | 16.64 | 2.75 | 69.50 | 6.05 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 10 | 11.82 | 32.24 | 10.54 | 89.71 | 14.94 | 2.56 | 74.77 | 6.44 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 19 | 11.22 | 32.29 | 12.48 | 77.58 | 16.60 | 2.98 | 60.98 | 6.35 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 29 | 10.72 | 32.30 | 15.19 | 76.92 | 15.21 | 2.73 | 61.70 | 8.16 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 35 | 10.38 | 32.30 | 17.95 | 75.71 | 16.21 | 2.70 | 59.50 | 7.73 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 41 | 9.97 | 32.41 | 17.65 | 59.45 | 8.27 | 1.31 | 51.18 | 5.66 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 51 | 8.70 | 32.71 | 22.85 | 54.77 | 8.35 | 1.15 | 46.41 | 5.00 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 71 | 9.68 | 33.24 | 27.39 | 76.65 | 23.50 | 3.87 | 53.15 | 6.75 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 102 | 9.38 | 33.50 | 31.18 | 77.17 | 19.14 | 3.87 | 58.02 | 6.86 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 122 | 8.72 | 33.53 | 33.46 | 64.67 | 11.85 | 2.18 | 52.82 | 5.83 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 149 | 7.96 | 33.74 | 34.84 | 52.14 | 7.31 | 0.74 | 44.83 | 3.31 |
| NH0307A | 7/5/03 | 15:55 | 21 | CR-09 | 41.90 | -125.4 | 1005 | 3.63 | 34.43 | 48.63 | 41.76 | | | | 1.77 |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 3 | 15.81 | 31.91 | 7.29 | 68.56 | 6.22 | 0.99 | 62.34 | 6.07 |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 11 | 15.79 | 31.91 | | | 7.31 | 1.06 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 20 | 15.66 | 31.92 | | | 9.34 | 1.69 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 29 | 15.59 | 31.93 | | | 7.02 | 1.18 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 39 | 15.54 | 31.95 | | | 6.18 | 0.99 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 51 | 15.55 | 32.17 | | | 5.82 | 0.87 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 66 | 12.62 | 32.31 | | | 6.43 | 1.24 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 70 | 12.00 | 32.30 | | | 6.81 | 1.21 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 104 | 9.11 | 32.70 | | | 3.32 | 0.55 | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 158 | 7.98 | 33.65 | | | | | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 488 | 5.32 | 34.10 | | | | | | |
| NH0307A | 7/5/03 | 21:10 | 23 | CR-11 | 41.90 | -126. | 998 | 3.64 | 34.43 | | | | | | |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 2 | 8.71 | 33.38 | 36.32 | 48.20 | 18.88 | 1.27 | 29.32 | 4.88 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 5 | 8.67 | 33.38 | 39.50 | 48.31 | 19.99 | 1.18 | 28.32 | 8.16 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 10 | 8.45 | 33.37 | 37.35 | 50.59 | 19.34 | 1.75 | 31.26 | 5.37 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 16 | 8.23 | 33.37 | 38.41 | 56.75 | 24.08 | 2.35 | 32.67 | 6.20 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 20 | 8.21 | 33.45 | 37.66 | 57.67 | | 1.54 | | 4.73 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 25 | 8.10 | 33.47 | 38.49 | 47.29 | 11.28 | 1.27 | 36.01 | 5.20 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 30 | 7.97 | 33.57 | 40.46 | 47.95 | 7.96 | 0.87 | 39.99 | 5.74 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 40 | 7.72 | 33.70 | 41.23 | 52.05 | 10.15 | 0.95 | 41.90 | 5.13 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 50 | 7.74 | 33.79 | 41.25 | 53.39 | 10.34 | 1.00 | 43.05 | 7.53 |
| W0309B | 9/26/03 | 19:23 | 3 | NH-05 | 44.65 | -124.18 | 53 | 7.74 | 33.79 | 42.55 | 48.68 | 15.19 | 1.13 | 33.49 | 6.13 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 2 | 10.19 | 32.50 | 24.34 | 79.33 | 23.07 | 2.14 | 56.25 | 6.37 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 6 | 9.85 | 32.53 | 24.65 | 79.80 | 17.87 | 2.09 | 61.93 | 7.90 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 10 | 9.57 | 32.57 | 26.71 | 75.22 | 21.63 | 2.26 | 53.59 | 7.91 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 21 | 8.25 | 32.71 | 26.84 | 65.81 | 10.71 | 0.95 | 55.09 | 8.51 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.06 | 32.87 | 28.70 | 61.92 | 11.82 | 0.44 | 50.11 | 6.73 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 41 | 7.92 | 33.06 | 29.82 | 55.65 | 3.81 | 0.36 | 51.84 | 5.93 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 51 | 7.81 | 33.25 | 31.92 | 52.96 | 4.13 | 0.39 | 48.83 | 5.08 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.94 | 33.41 | 38.38 | 61.41 | 6.26 | 0.65 | 55.16 | 7.16 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 70 | 7.75 | 33.51 | 37.31 | 64.81 | 6.06 | 0.71 | 58.75 | 4.21 |
| W0309B | 9/26/03 | 21:55 | 5 | NH-15 | 44.65 | -124.41 | 86 | 7.83 | 33.70 | 40.73 | 61.51 | 6.49 | 0.59 | 55.01 | 5.06 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 1 | 11.49 | 31.94 | 21.50 | 81.97 | 32.42 | 3.88 | 49.55 | 10.19 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 10 | 10.55 | 32.08 | 17.50 | 79.83 | 25.34 | 3.33 | 54.49 | 5.00 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 20 | 9.94 | 32.20 | 22.46 | 77.37 | 32.55 | 3.92 | 44.82 | 5.34 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 30 | 9.12 | 32.06 | 19.89 | 62.10 | 10.74 | 1.44 | 51.36 | 4.87 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 41 | 8.22 | 32.77 | 22.27 | 52.90 | 6.62 | 0.44 | 46.28 | 4.02 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.14 | 32.84 | 24.36 | 58.18 | | 0.39 | | 5.08 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 70 | 7.90 | 33.43 | 32.68 | 56.72 | 5.90 | 0.42 | 50.82 | 5.79 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 100 | 7.99 | 33.71 | 35.16 | 52.74 | 4.90 | 0.33 | 47.84 | 4.52 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 150 | 7.79 | 33.92 | 36.12 | 59.44 | 4.75 | 0.39 | 54.69 | 1.43 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 175 | 7.73 | 33.97 | 36.01 | 71.83 | | | | 1.34 |
| W0309B | 9/27/03 | 0:04 | 7 | NH-25 | 44.65 | -124.65 | 202 | 7.36 | 34.00 | 42.33 | 62.25 | | | | 7.13 |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 2 | 13.47 | 32.14 | 13.04 | 92.63 | 16.29 | 2.60 | 76.33 | 8.28 |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 10 | 13.46 | 32.14 | | | 14.50 | 2.45 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 20 | 11.15 | 32.31 | | | 6.27 | 0.88 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 30 | 10.34 | 32.35 | | | 4.89 | 0.73 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 40 | 9.15 | 32.48 | | | 4.41 | 0.52 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 50 | 8.69 | 32.57 | | | 6.21 | 0.50 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 70 | 7.96 | 33.09 | | | 3.22 | 0.30 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 99 | 8.01 | 33.60 | | | 2.57 | 0.32 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 150 | 7.96 | 33.84 | | | 3.95 | 0.35 | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 380 | 6.11 | 34.06 | | | | | | |
| W0309B | 9/27/03 | 6:46 | 9 | NH-35 | 44.65 | -124.88 | 428 | 5.85 | 34.08 | | | | | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 2 | 15.23 | 32.03 | 12.97 | 88.15 | 7.08 | 1.04 | 81.07 | 11.65 |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 10 | 15.23 | 32.03 | | | 6.27 | 1.10 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 20 | 15.13 | 32.05 | | | 6.04 | 1.04 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 30 | 10.17 | 32.35 | | | 3.84 | 0.55 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 40 | 9.71 | 32.39 | | | 4.31 | 0.50 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 50 | 9.26 | 32.45 | | | 3.77 | 0.49 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 70 | 8.35 | 32.76 | | | 4.79 | 0.32 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 98 | 7.97 | 33.49 | | | 2.34 | 0.20 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 150 | 7.92 | 33.83 | | | 2.59 | 0.36 | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 499 | 5.27 | 34.12 | | | | | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 665 | 4.65 | 34.23 | | | | | | |
| W0309B | 9/27/03 | 10:21 | 10 | NH-45 | 44.65 | -125.12 | 680 | 4.64 | 34.23 | | | | | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 3 | 15.12 | 31.90 | 10.47 | 89.39 | 13.00 | 2.50 | 76.39 | 6.75 |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 5 | 15.12 | 31.90 | | | 13.87 | 2.57 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 10 | 15.20 | 31.95 | | | 13.50 | 2.33 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 21 | 15.28 | 32.01 | | | 12.43 | 2.00 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 30 | 14.42 | 32.02 | | | 12.08 | 1.75 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 41 | 10.88 | 32.32 | | | 5.96 | 0.73 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 50 | 9.49 | 32.35 | | | 3.26 | 0.50 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 70 | 8.40 | 32.59 | | | 2.96 | 0.37 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [µM] | TOC [µM] | POC [µM] | PON [µM] | DOC [µM] | DON [µM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 100 | 7.27 | 33.08 | | | 3.63 | 0.25 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 151 | 7.48 | 33.72 | | | 3.40 | 0.31 | | |
| W0309B | 9/27/03 | 15:35 | 12 | NH-65 | 44.65 | -125.6 | 1004 | 3.72 | 34.40 | | | | | | |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 2 | 17.75 | 31.94 | 6.14 | 81.25 | 9.62 | 0.95 | 71.63 | 5.18 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 10 | 17.72 | 31.94 | 5.78 | 87.35 | 7.84 | 0.89 | 79.51 | 4.86 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 21 | 17.60 | 31.96 | 5.95 | 84.88 | 9.13 | 0.87 | 75.75 | 4.60 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 30 | 17.32 | 31.99 | 6.20 | 84.14 | 7.43 | 0.84 | 76.72 | 4.98 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 40 | 16.84 | 31.99 | 6.89 | 84.18 | 6.25 | 0.73 | 77.93 | 5.54 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 49 | 15.26 | 32.18 | 6.20 | 88.01 | 7.23 | 0.84 | 80.78 | 4.59 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 71 | 9.49 | 32.38 | 15.93 | 71.03 | 5.66 | 0.46 | 65.37 | 8.48 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 100 | 8.05 | 32.53 | 22.93 | 67.33 | 4.45 | 0.31 | 62.88 | 11.54 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 142 | 7.87 | 33.33 | 28.82 | | 3.95 | 0.28 | | 2.21 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 620 | 4.76 | 34.20 | 45.89 | | | | | 0.44 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 805 | 4.12 | 34.31 | 46.58 | | | | | 0.92 |
| W0309B | 9/27/03 | 18:38 | 13 | NH-85 | 44.65 | -126.05 | 1004 | 3.66 | 34.42 | | | | | | |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 1 | 9.02 | 33.38 | 32.24 | 119.45 | 34.18 | 5.69 | 85.28 | 11.96 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 5 | 9.01 | 33.41 | 33.46 | 95.81 | 25.53 | 4.09 | 70.28 | 6.27 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 10 | 8.98 | 33.43 | 33.23 | 89.87 | 19.94 | 3.00 | 69.93 | 5.68 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 15 | 8.83 | 33.47 | 35.60 | 77.82 | 20.98 | 3.00 | 56.84 | 6.05 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 20 | 8.81 | 33.51 | 35.35 | 75.98 | 14.05 | 2.16 | 61.93 | 5.57 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 26 | 8.82 | 33.53 | 37.05 | 68.87 | 14.59 | 2.11 | 54.28 | 6.79 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 30 | 8.76 | 33.58 | 39.32 | 69.51 | 15.66 | 2.03 | 53.84 | 7.44 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 40 | 8.66 | 33.61 | 36.80 | 74.56 | 11.54 | 1.61 | 63.03 | 3.86 |
| W0309B | 9/30/03 | 9:31 | 33 | HH-01 | 44.00 | -124.2 | 49 | 8.38 | 33.62 | 39.23 | 68.88 | 18.23 | 2.31 | 50.65 | 5.43 |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 2 | 9.56 | 33.19 | 29.62 | 90.03 | 22.28 | 4.04 | 67.75 | 8.39 |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 5 | 9.03 | 33.28 | | | 18.70 | 3.28 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 10 | 8.54 | 33.33 | | | 15.97 | 2.77 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 20 | 8.11 | 33.40 | | | 8.47 | 1.40 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 30 | 8.12 | 33.50 | | | 6.01 | 1.14 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 40 | 7.99 | 33.61 | | | 4.34 | 0.80 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 50 | 7.96 | 33.70 | | | 4.37 | 0.64 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 61 | 7.97 | 33.75 | | | 3.55 | 0.53 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 70 | 7.98 | 33.80 | | | 4.53 | 0.62 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 100 | 7.94 | 33.89 | | | 5.25 | 0.72 | | |
| W0309B | 9/30/03 | 10:50 | 34 | HH-02 | 44.00 | -124.4 | 115 | 7.89 | 33.91 | | | 6.93 | 0.85 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 1 | 11.35 | 32.40 | 18.30 | 79.53 | 23.71 | 4.10 | 55.82 | 3.93 |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 10 | 9.60 | 32.65 | | | 11.29 | 2.15 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 19 | 8.99 | 32.85 | | | 5.21 | 1.00 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 30 | 8.65 | 33.01 | | | 6.42 | 1.22 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 40 | 8.77 | 33.35 | | | 6.38 | 1.18 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 50 | 8.53 | 33.36 | | | 6.23 | 1.16 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 60 | 8.36 | 33.40 | | | 6.66 | 1.18 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 69 | 8.02 | 33.47 | | | 5.48 | 0.96 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 101 | 7.91 | 33.73 | | | 4.05 | 0.65 | | |
| W0309B | 9/30/03 | 12:49 | 35 | HH-03 | 44.00 | -124.6 | 145 | 7.89 | 33.90 | | | 7.66 | 1.09 | | |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 2 | 11.35 | 32.41 | 18.97 | 88.73 | 50.12 | 9.09 | 38.61 | 1.41 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 5 | 11.42 | 32.43 | 18.88 | 81.46 | 47.45 | 8.34 | 34.01 | 3.65 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 11 | 10.68 | 32.66 | 18.71 | 77.94 | 31.87 | 5.44 | 46.06 | 5.86 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 20 | 10.81 | 32.87 | 19.76 | 81.99 | 40.26 | 6.70 | 41.73 | 7.37 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 30 | 9.86 | 32.92 | 25.06 | 82.59 | 38.94 | 6.52 | 43.65 | 3.69 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 40 | 9.45 | 33.14 | 31.38 | 81.29 | 37.14 | 5.82 | 44.15 | 6.44 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 50 | 9.41 | 33.18 | 28.69 | 71.07 | 30.75 | 5.59 | 40.33 | 3.19 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 60 | 9.23 | 33.19 | 31.16 | 83.59 | 29.44 | 5.18 | 54.16 | 4.64 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 70 | 8.39 | 33.21 | 33.15 | 68.88 | 28.85 | 4.75 | 40.02 | 2.24 |
| W0309B | 9/30/03 | 14:51 | 36 | HH-04 | 44.00 | -124.8 | 94 | 7.97 | 33.77 | 40.97 | 55.70 | 18.71 | 2.47 | 36.98 | 3.33 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 1 | 14.47 | 32.22 | 9.09 | 74.32 | 12.68 | 2.04 | 61.64 | 6.39 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 10 | 13.09 | 32.30 | 10.42 | 77.56 | 9.47 | 1.72 | 68.09 | 5.70 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 20 | 10.56 | 32.48 | 18.22 | 63.50 | 6.89 | 1.17 | 56.60 | 6.21 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 31 | 9.34 | 32.56 | 20.71 | 55.40 | 5.13 | 0.65 | 50.28 | 5.42 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 40 | 8.70 | 32.71 | 23.84 | 58.32 | 6.01 | 0.88 | 52.31 | 4.23 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 50 | 8.15 | 33.13 | 31.09 | 49.47 | 6.16 | 0.80 | 43.31 | 5.32 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 70 | 8.03 | 33.45 | 34.92 | 51.73 | | | | |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 100 | 8.05 | 33.75 | 36.99 | 52.58 | 6.16 | 0.69 | 46.42 | 2.95 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 151 | 7.92 | 33.88 | 39.24 | 48.35 | 6.83 | 0.97 | 41.52 | 2.64 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 200 | 7.88 | 33.94 | 40.73 | 50.19 | | | | 4.55 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 500 | 5.40 | 34.11 | 49.69 | 47.40 | | | | 11.09 |
| W0309B | 9/30/03 | 18:29 | 37 | HH-05 | 44.00 | -125. | 800 | 4.20 | 34.32 | 49.14 | 43.66 | | | | 4.46 |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 1 | 15.31 | 32.11 | 8.88 | 75.72 | 14.23 | 2.21 | 61.49 | 6.11 |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 10 | 15.00 | 32.11 | | | 12.35 | 2.07 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 20 | 12.23 | 32.31 | | | 8.85 | 1.55 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 30 | 10.17 | 32.39 | | | 4.38 | 0.74 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 40 | 8.92 | 32.48 | | | 4.13 | 0.49 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 51 | 8.60 | 32.66 | | | 4.36 | 0.51 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 70 | 8.13 | 32.87 | | | 5.42 | 0.53 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 100 | 7.45 | 33.39 | | | 3.70 | 0.43 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 150 | 7.69 | 33.83 | | | 4.29 | 0.51 | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 250 | 6.67 | 34.00 | | | | | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 570 | 4.94 | 34.21 | | | | | | |
| W0309B | 9/30/03 | 23:17 | 38 | HH-07 | 44.00 | -125.2 | 1006 | 3.57 | 34.43 | | | | | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 1 | 16.21 | 31.72 | 8.57 | 79.29 | 10.43 | 1.60 | 68.86 | 6.78 |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 10 | 15.94 | 31.87 | | | 8.30 | 1.24 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 20 | 15.05 | 32.10 | | | 7.79 | 1.15 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 25 | 14.31 | 32.15 | | | 7.71 | 1.20 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 30 | 13.83 | 32.18 | | | 8.15 | 1.35 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 39 | 12.10 | 32.28 | | | 6.19 | 0.91 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 50 | 9.94 | 32.37 | | | 5.70 | 0.63 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 70 | 8.32 | 32.77 | | | 4.17 | 0.43 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 100 | 7.61 | 33.36 | | | 4.52 | 0.44 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 149 | 7.59 | 33.89 | | | 4.07 | 0.45 | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 456 | 5.26 | 34.11 | | | | | | |
| W0309B | 10/1/03 | 1:31 | 39 | HH-09 | 44.00 | -125.4 | 505 | 5.06 | 34.13 | | | | | | |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 1 | 9.38 | 33.61 | 37.23 | 68.88 | 23.68 | 4.24 | 45.20 | 9.65 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 5 | 9.36 | 33.61 | 32.47 | 70.71 | 25.57 | 4.67 | 45.14 | 2.97 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 11 | 9.31 | 33.69 | 35.34 | 66.70 | 25.39 | 4.70 | 41.31 | 6.66 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 15 | 9.28 | 33.72 | 33.73 | 66.06 | 22.21 | 3.82 | 43.86 | 5.37 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 20 | 9.14 | 33.73 | 33.34 | 64.20 | 17.30 | 3.02 | 46.90 | 4.59 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 24 | 9.05 | 33.73 | 35.79 | 61.84 | 16.87 | 2.68 | 44.97 | 6.99 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 30 | 9.02 | 33.73 | 34.77 | 63.99 | 13.57 | 2.46 | 50.42 | 5.57 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 40 | 9.02 | 33.74 | 35.01 | 58.58 | 13.93 | 2.45 | 44.65 | 7.08 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 50 | 9.01 | 33.76 | 33.01 | 58.66 | 14.83 | 2.54 | 43.84 | 3.55 |
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 55 | 9.01 | 33.76 | 33.51 | 62.20 | 15.60 | 2.59 | 46.61 | 3.80 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/29/03 | 19:32 | 26 | FM-03 | 43.22 | -124.5 | 61 | 9.01 | 33.76 | 37.03 | 62.33 | 14.15 | 2.45 | 48.18 | 7.81 |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 1 | 9.32 | 33.55 | 31.97 | 70.44 | 24.60 | 4.49 | 45.85 | 1.80 |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 5 | 9.21 | 33.57 | | | 20.52 | 3.49 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 10 | 9.21 | 33.59 | | | 16.53 | 2.82 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 20 | 8.88 | 33.61 | | | 11.61 | 2.00 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 30 | 8.61 | 33.65 | | | 8.17 | 1.22 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 40 | 8.71 | 33.74 | | | 6.75 | 1.10 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 49 | 8.72 | 33.75 | | | 7.10 | 1.06 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 61 | 8.73 | 33.77 | | | 7.19 | 1.15 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 66 | 8.73 | 33.77 | | | 9.00 | 1.23 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 70 | 8.72 | 33.78 | | | 8.91 | 1.34 | | |
| W0309B | 9/29/03 | 20:32 | 27 | FM-04 | 43.22 | -124.58 | 79 | 8.71 | 33.78 | | | 7.55 | 1.09 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 2 | 9.20 | 33.54 | 31.57 | 59.64 | 14.09 | 1.99 | 45.55 | 5.10 |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 10 | 8.86 | 33.71 | | | 8.70 | 1.10 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 21 | 8.85 | 33.72 | | | 8.22 | 1.05 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 30 | 8.60 | 33.73 | | | 7.07 | 0.78 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 40 | 8.58 | 33.73 | | | 5.81 | 0.66 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 50 | 8.56 | 33.74 | | | 6.38 | 0.69 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 61 | 8.50 | 33.75 | | | 5.61 | 0.58 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 70 | 8.44 | 33.78 | | | 6.00 | 0.60 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 100 | 8.40 | 33.82 | | | 9.38 | 0.89 | | |
| W0309B | 9/29/03 | 21:32 | 28 | FM-05 | 43.22 | -124.67 | 150 | 8.26 | 33.87 | | | 8.31 | 0.68 | | |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 2 | 9.60 | 33.31 | 31.38 | 73.22 | 17.43 | 2.73 | 55.79 | 9.19 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 10 | 9.27 | 33.37 | 31.38 | 69.99 | 18.16 | 2.66 | 51.83 | 9.73 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 20 | 9.01 | 33.45 | 30.56 | 63.52 | 13.19 | 1.87 | 50.33 | 3.69 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 30 | 8.75 | 33.53 | 32.88 | 65.79 | 8.27 | 1.28 | 57.53 | 5.92 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 41 | 8.66 | 33.57 | 35.77 | 63.55 | 5.74 | 0.89 | 57.81 | 9.14 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 50 | 8.64 | 33.60 | 34.39 | 98.32 | 5.66 | 0.82 | 92.66 | 5.44 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 70 | 8.59 | 33.67 | 33.45 | 52.94 | 4.67 | 0.64 | 48.28 | 4.75 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 100 | 8.31 | 33.75 | 34.58 | 51.29 | 3.06 | 0.36 | 48.23 | 6.87 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 151 | 8.06 | 33.94 | | 83.07 | 1.97 | 0.28 | 81.10 | |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 215 | 7.61 | 34.03 | | 44.98 | | | | |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 250 | 7.38 | 34.04 | 38.51 | 43.41 | | | | 1.84 |
| W0309B | 9/29/03 | 23:28 | 30 | FM-07 | 43.22 | -124.83 | 300 | 7.07 | 34.06 | 41.37 | 45.79 | | | | 4.55 |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 1 | 12.68 | 32.36 | 12.12 | 70.63 | 12.14 | 1.76 | 58.49 | 6.90 |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 10 | 12.08 | 32.40 | | | 11.87 | 1.55 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 20 | 10.11 | 32.40 | | | 6.31 | 0.88 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 30 | 8.80 | 32.68 | | | 5.16 | 0.57 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 40 | 9.34 | 32.97 | | | 7.37 | 1.00 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 50 | 9.22 | 33.00 | | | 7.98 | 1.08 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 70 | 8.47 | 33.30 | | | 5.98 | 0.71 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 100 | 8.05 | 33.56 | | | 4.43 | 0.44 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 150 | 7.74 | 33.88 | | | 3.28 | 0.34 | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 250 | 7.32 | 34.04 | | | | | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 700 | 4.62 | 34.26 | | | | | | |
| W0309B | 9/30/03 | 1:18 | 31 | FM-08 | 43.22 | -125. | 1007 | 3.57 | 34.43 | | | | | | |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 2 | 14.70 | 32.24 | 7.78 | 76.90 | 9.44 | 1.28 | 67.46 | 6.09 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 10 | 14.63 | 32.23 | 8.17 | 72.51 | 6.60 | 1.17 | 65.91 | 6.02 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 20 | 11.77 | 32.45 | 12.61 | 63.94 | 6.34 | 1.24 | 57.61 | 6.37 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 30 | 10.20 | 32.45 | | 62.69 | 6.25 | 0.97 | 56.44 | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 40 | 9.57 | 32.53 | 19.31 | 61.57 | 6.77 | 0.67 | 54.80 | 5.46 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 45 | 9.32 | 32.58 | 21.71 | 56.68 | 8.05 | 0.79 | 48.63 | 7.38 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 50 | 9.73 | 32.89 | 23.27 | 52.52 | 5.14 | 0.49 | 47.38 | 6.17 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 71 | 9.10 | 33.13 | 26.67 | 52.75 | 4.73 | 0.53 | 48.02 | 5.52 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 101 | 8.27 | 33.45 | 29.98 | 54.28 | 4.18 | 0.42 | 50.11 | 2.85 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 149 | 8.13 | 33.91 | 37.30 | 54.21 | 3.57 | 0.38 | 50.65 | 2.89 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 956 | 3.86 | 34.40 | 48.83 | 42.98 | | | | 2.80 |
| W0309B | 9/30/03 | 2:57 | 32 | FM-09 | 43.22 | -125.17 | 1005 | 3.73 | 34.42 | 47.64 | 43.37 | | | | 0.36 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 2 | 11.45 | 33.08 | 17.72 | | 37.20 | 6.91 | | 9.00 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 5 | 11.39 | 33.09 | 17.57 | | 33.77 | 6.36 | | 8.85 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 10 | 11.09 | 33.11 | | | 36.30 | 6.64 | | |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 15 | 10.96 | 33.12 | 19.90 | | 34.45 | 6.47 | | 9.29 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 20 | 10.53 | 33.17 | 21.45 | | 26.41 | 5.52 | | 6.48 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 25 | 10.07 | 33.23 | 26.56 | | 27.64 | 4.54 | | 7.18 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 30 | 9.61 | 33.29 | 28.96 | | 12.75 | 2.05 | | 7.82 |
| W0309B | 9/28/03 | 13:21 | 14 | CR-01 | 41.90 | -124.3 | 35 | 9.41 | 33.32 | 29.70 | 55.68 | 12.73 | 1.96 | 42.95 | 7.88 |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 2 | 12.15 | 32.81 | 14.32 | 53.15 | 12.87 | 2.55 | 40.28 | 6.25 |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 5 | 12.13 | 32.82 | | | 12.23 | 2.45 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 10 | 11.74 | 32.87 | | | 10.18 | 2.09 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 20 | 10.31 | 33.00 | | | 7.82 | 1.43 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 30 | 9.72 | 33.03 | | | 6.19 | 1.05 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 41 | 9.00 | 33.15 | | | 4.11 | 0.59 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 50 | 8.65 | 33.35 | | | 4.36 | 0.44 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 60 | 8.67 | 33.39 | | | 3.26 | 0.43 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 70 | 8.71 | 33.47 | | | 5.81 | 0.77 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 99 | 8.61 | 33.75 | | | 7.74 | 1.03 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 110 | 8.58 | 33.74 | | | 6.25 | 0.75 | | |
| W0309B | 9/28/03 | 15:49 | 16 | CR-03 | 41.90 | -124.5 | 129 | 8.54 | 33.76 | | | 6.11 | 0.66 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 2 | 11.32 | 32.48 | 13.85 | 48.56 | 9.59 | 1.56 | 38.97 | 5.55 |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 10 | 11.80 | 32.99 | | | 20.58 | 3.48 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 14 | 11.58 | 33.03 | | | 20.02 | 3.53 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 20 | 10.30 | 33.03 | | | 8.73 | 1.55 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 30 | 9.09 | 33.03 | | | 4.22 | 0.54 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 40 | 8.42 | 33.16 | | | 3.88 | 0.44 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 50 | 8.38 | 33.23 | | | 4.23 | 0.44 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 70 | 8.15 | 33.45 | | | 3.55 | 0.42 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 101 | 8.23 | 33.65 | | | 4.12 | 0.52 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 149 | 7.87 | 33.92 | | | 3.69 | 0.42 | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 350 | 6.72 | 34.08 | | | | | | |
| W0309B | 9/28/03 | 18:03 | 17 | CR-04 | 41.90 | -124.6 | 450 | 6.01 | 34.11 | | | | | | |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 2 | 11.24 | 32.80 | 15.09 | 59.11 | 16.80 | 2.33 | 42.31 | 6.55 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 10 | 10.48 | 33.02 | 19.23 | 59.17 | 23.41 | 3.65 | 35.76 | 3.84 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 20 | 10.39 | 33.17 | 21.32 | 57.62 | 16.44 | 3.75 | 41.18 | 4.39 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 30 | 9.96 | 33.25 | 24.60 | 57.55 | 16.80 | 3.19 | 40.75 | 4.34 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 40 | 9.12 | 33.33 | 26.46 | 53.15 | 6.81 | 1.08 | 46.34 | 2.42 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 50 | 8.96 | 33.47 | 28.96 | 56.37 | 5.91 | 0.87 | 50.46 | 2.81 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 70 | 8.46 | 33.56 | 29.87 | 47.32 | 6.45 | 0.68 | 40.87 | 1.76 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 100 | 8.08 | 33.77 | 31.90 | 44.85 | 3.89 | 0.37 | 40.96 | 1.43 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 151 | 8.01 | 33.95 | 34.56 | 52.09 | 3.75 | 0.42 | 48.34 | 0.97 |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 270 | 6.90 | 34.06 | | 46.43 | | | | |
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 500 | 5.27 | 34.15 | | 46.44 | | | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0309B | 9/28/03 | 20:34 | 18 | CR-05 | 41.90 | -124.7 | 651 | 4.80 | 34.24 | | 45.49 | | | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 1 | 13.74 | 32.49 | 11.24 | 60.03 | 8.64 | 1.03 | 51.39 | 7.18 |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 11 | 11.64 | 32.73 | | | 10.22 | 1.33 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 20 | 11.08 | 32.78 | | | 9.35 | 1.29 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 29 | 10.52 | 33.06 | | | 15.62 | 2.57 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 40 | 9.98 | 33.21 | | | 15.54 | 2.52 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 50 | 9.62 | 33.30 | | | 9.91 | 1.49 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 70 | 9.04 | 33.43 | | | 6.16 | 0.77 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 100 | 8.01 | 33.56 | | | 6.08 | 0.64 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 150 | 7.74 | 33.92 | | | 3.95 | 0.43 | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 419 | 5.65 | 34.15 | | | | | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 501 | 5.30 | 34.18 | | | | | | |
| W0309B | 9/29/03 | 0:29 | 20 | CR-07 | 41.90 | -125. | 780 | 4.28 | 34.32 | | | | | | |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 2 | 16.99 | 32.18 | 8.30 | 70.28 | 9.64 | 1.09 | 60.65 | 7.12 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 10 | 16.14 | 32.22 | 7.07 | 54.39 | 7.58 | 0.93 | 46.81 | 5.77 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 20 | 13.30 | 32.55 | 11.21 | 58.15 | 9.05 | 0.94 | 49.11 | 6.85 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 30 | 12.63 | 32.57 | 12.49 | 61.65 | 8.10 | 0.89 | 53.55 | 6.34 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 40 | 11.59 | 32.50 | 11.96 | 58.90 | 5.47 | 0.64 | 53.42 | 5.93 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 50 | 10.35 | 32.41 | 15.41 | 54.77 | 5.74 | 0.63 | 49.02 | 8.31 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 70 | 8.93 | 32.59 | 21.71 | 53.78 | 5.44 | 0.41 | 48.34 | 9.08 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 100 | 8.63 | 33.16 | 25.86 | 58.56 | 3.82 | 0.43 | 54.74 | 3.84 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 149 | 7.70 | 33.67 | 31.09 | 52.74 | 3.47 | 0.25 | 49.27 | 2.22 |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 765 | 4.16 | 34.30 | | 45.93 | | | | |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 845 | 4.04 | 34.36 | | 47.05 | | | | |
| W0309B | 9/29/03 | 4:02 | 22 | CR-09 | 41.90 | -125.4 | 1005 | 3.61 | 34.44 | | 37.82 | | | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 2 | 16.92 | 32.16 | 7.36 | 61.48 | 11.00 | 1.28 | 50.48 | 5.93 |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 11 | 16.90 | 32.16 | | | 9.92 | 1.13 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 21 | 16.89 | 32.16 | | | 8.11 | 0.89 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 30 | 15.78 | 32.24 | | | 9.05 | 0.80 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 40 | 14.53 | 32.30 | | | 6.67 | 0.60 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 51 | 12.81 | 32.40 | | | 4.37 | 0.35 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 70 | 10.49 | 32.47 | | | 2.10 | 0.21 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 100 | 9.47 | 32.85 | | | 2.43 | 0.22 | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 150 | 8.11 | 33.58 | | | 2.85 | | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 770 | 4.20 | 34.31 | | | | | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 940 | 3.74 | 34.40 | | | | | | |
| W0309B | 9/29/03 | 9:13 | 24 | CR-11 | 41.90 | -126. | 1004 | 3.58 | 34.43 | | | | | | |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 3 | 15.25 | 32.46 | 15.15 | 107.54 | 70.31 | 9.34 | 37.24 | 5.44 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 6 | 15.03 | 32.47 | 15.22 | 104.32 | 59.19 | 7.93 | 45.13 | 6.55 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 10 | 14.96 | 32.47 | 11.99 | 98.87 | 59.66 | 8.20 | 39.21 | 2.73 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 15 | 14.56 | 32.49 | 12.23 | 80.56 | 36.19 | 4.67 | 44.38 | 4.09 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 21 | 11.79 | 32.75 | 14.82 | 76.88 | 17.38 | 2.66 | 59.50 | 2.30 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 25 | 10.12 | 32.92 | 23.36 | 70.39 | 11.25 | 1.78 | 59.14 | 2.79 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 30 | 8.80 | 33.09 | | 60.35 | 8.82 | 1.29 | 51.53 | |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 41 | 8.13 | 33.30 | 31.32 | 53.81 | 9.09 | 1.12 | 44.72 | 0.97 |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 51 | 7.86 | 33.55 | | 54.47 | 13.46 | 1.53 | 41.01 | |
| W0409 | 8/30/04 | 23:21 | 3 | NH-05 | 44.65 | -124.18 | 52 | 7.86 | 33.55 | | 55.65 | 18.88 | 1.91 | 36.77 | |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 3 | 16.15 | 32.38 | 9.14 | 92.17 | 30.51 | 3.93 | 61.66 | 5.18 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 5 | 16.12 | 32.38 | 9.21 | 89.59 | 31.22 | 4.08 | 58.37 | 5.09 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 10 | 16.08 | 32.39 | 9.27 | 95.97 | 35.84 | 4.43 | 60.13 | 4.78 |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 12 | 16.05 | 32.39 | 14.49 | 92.40 | 33.56 | 4.47 | 58.84 | 8.28 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 20 | 10.85 | 32.96 | 17.50 | 74.00 | 22.54 | 3.75 | 51.47 | 2.50 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 30 | 8.91 | 33.21 | 28.63 | 53.57 | 10.93 | 1.60 | 42.65 | 0.94 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 39 | 7.92 | 33.29 | 28.66 | 44.68 | 5.63 | 0.81 | 39.05 | 0.52 |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 50 | 7.95 | 33.55 | | 48.07 | 4.98 | 0.69 | 43.09 | |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 60 | 7.87 | 33.73 | | 50.44 | 8.03 | 0.98 | 42.42 | |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 69 | 7.84 | 33.78 | | 56.69 | 8.45 | 1.06 | 48.24 | |
| W0409 | 8/31/04 | 1:49 | 5 | NH-15 | 44.65 | -124.41 | 86 | 7.83 | 33.79 | | 55.74 | 9.47 | 1.08 | 46.27 | |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 2 | 15.46 | 32.16 | 10.20 | 98.51 | 48.29 | 5.99 | 50.23 | 3.85 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 11 | 12.25 | 32.29 | 14.22 | 94.54 | 52.43 | 7.29 | 42.11 | 5.41 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 20 | 9.42 | 32.60 | 18.03 | 59.79 | 9.27 | 1.27 | 50.52 | 1.89 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 30 | 8.54 | 32.76 | 20.65 | 58.28 | 6.01 | 0.86 | 52.27 | 3.07 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 39 | 8.91 | 32.95 | 22.36 | | 7.07 | 1.03 | -7.07 | 2.85 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 50 | 8.97 | 33.21 | 25.60 | 52.86 | 7.04 | 1.02 | 45.81 | 1.35 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 70 | 8.05 | 33.27 | 27.31 | 47.97 | 3.69 | 0.66 | 44.28 | 0.87 |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 100 | 7.83 | 33.67 | | 44.38 | 3.42 | 0.56 | 40.96 | |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 149 | 7.89 | 33.88 | | 51.27 | 3.75 | 0.49 | 47.52 | |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 171 | 7.83 | 33.91 | 33.63 | 49.30 | | | | |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 200 | 7.61 | 33.92 | 32.99 | 48.19 | | | | |
| W0409 | 8/31/04 | 4:12 | 7 | NH-25 | 44.65 | -124.65 | 284 | 7.01 | 34.01 | | | | | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 4 | 16.59 | 31.46 | 7.56 | 77.92 | 12.46 | 1.89 | 65.46 | 5.32 |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 10 | 16.21 | 31.63 | | | 12.89 | 2.14 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 20 | 11.82 | 32.28 | | | 11.60 | 1.80 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 25 | 9.71 | 32.49 | | | 8.44 | 1.55 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 30 | 9.46 | 32.53 | | | 8.35 | 1.47 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 41 | 9.05 | 32.75 | | | 4.80 | 0.85 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 50 | 8.75 | 32.83 | | | 6.33 | 0.94 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 70 | 8.08 | 33.08 | | | 4.65 | 0.59 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 100 | 7.91 | 33.75 | | | 3.72 | 0.60 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 150 | 7.72 | 33.92 | | | 5.34 | 0.68 | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 220 | 7.39 | 33.98 | | | | | | |
| W0409 | 8/31/04 | 13:06 | 8 | NH-35 | 44.65 | -124.88 | 429 | 5.75 | 34.06 | | | | | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 3 | 17.98 | 31.38 | 7.98 | 78.92 | 16.02 | 2.32 | 62.90 | 5.49 |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 9 | 17.96 | 31.39 | | | 10.90 | 1.67 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 20 | 12.77 | 32.24 | | | 11.93 | 2.12 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 26 | 11.50 | 32.33 | | | 10.69 | 1.96 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 30 | 10.15 | 32.40 | | | 7.69 | 1.32 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 40 | 9.06 | 32.52 | | | 4.55 | 0.79 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 50 | 8.81 | 32.70 | | | 3.66 | 0.50 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 70 | 8.42 | 33.00 | | | 2.63 | 0.35 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 100 | 8.08 | 33.43 | | | | 0.28 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 150 | 7.86 | 33.86 | | | | 0.27 | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 500 | 5.39 | 34.11 | | | | | | |
| W0409 | 8/31/04 | 16:30 | 11 | NH-45 | 44.65 | -125.12 | 685 | 4.34 | 34.28 | | | | | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 4 | 18.31 | 31.99 | 8.03 | 73.05 | 11.96 | 1.71 | 61.10 | 6.32 |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 10 | 18.20 | 31.99 | | | 12.70 | 1.67 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 21 | 12.60 | 32.23 | | | 11.14 | 1.62 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 30 | 9.99 | 32.35 | | | 14.56 | 2.22 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 40 | 9.35 | 32.42 | | | 6.32 | 0.94 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 50 | 8.92 | 32.51 | | | 3.30 | 0.47 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 70 | 8.47 | 32.86 | | | | 0.32 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|---------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 100 | 8.25 | 33.46 | | | 2.76 | 0.41 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 150 | 7.86 | 33.85 | | | 2.67 | 0.36 | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 814 | 4.14 | 34.33 | | | | | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 980 | 3.63 | 34.41 | | | | | | |
| W0409 | 8/31/04 | 21:45 | 13 | NH-65 | 44.65 | -125.6 | 1004 | 3.59 | 34.42 | | | | | | |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 3 | 19.32 | 31.79 | 7.56 | 73.71 | 10.76 | 1.34 | 62.94 | 6.22 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 10 | 19.26 | 31.80 | 6.60 | 72.68 | 8.52 | 1.17 | 64.16 | 5.41 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 20 | 16.17 | 32.14 | 7.52 | 66.17 | 9.25 | 1.28 | 56.92 | 6.13 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 30 | 11.78 | 32.34 | 6.44 | 68.68 | 8.90 | 1.23 | 59.78 | 5.11 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 41 | 10.87 | 32.40 | 8.69 | 70.32 | 12.99 | 1.79 | 57.33 | 6.22 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 50 | 9.65 | 32.43 | 13.37 | 58.61 | 4.98 | 0.81 | 53.62 | 6.20 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 70 | 8.83 | 32.66 | 6.77 | 69.09 | 9.08 | 1.26 | 60.00 | 5.20 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 100 | 8.19 | 33.17 | 27.27 | 52.00 | 2.51 | 0.29 | 49.49 | 1.98 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 150 | 7.79 | 33.69 | 32.55 | 42.58 | 2.51 | 0.28 | 40.07 | 3.01 |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 289 | 6.52 | 34.00 | 39.40 | 40.90 | | | | |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 800 | 4.06 | 34.32 | 45.00 | 37.39 | | | | |
| W0409 | 9/1/04 | 1:11 | 14 | NH-85 | 44.65 | -126.05 | 1006 | 3.62 | 34.40 | 45.10 | 36.31 | | | | |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 3 | 10.47 | 33.04 | 25.82 | 54.94 | 10.65 | 1.83 | 44.29 | 1.48 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 5 | 10.28 | 33.16 | 26.52 | 61.25 | 12.93 | 2.14 | 48.32 | 0.08 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 10 | 10.19 | 33.17 | 27.18 | 56.71 | 13.26 | 2.14 | 43.45 | 0.76 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 11 | 10.18 | 33.17 | 29.69 | 63.23 | 13.57 | 2.31 | 49.66 | 3.07 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 15 | 10.08 | 33.16 | 26.73 | 61.51 | 12.96 | 2.07 | 48.55 | 0.13 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 20 | 9.32 | 33.21 | 26.98 | 59.23 | 9.72 | 1.64 | 49.51 | 0.12 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 25 | 8.60 | 33.27 | 28.64 | 55.94 | 5.75 | 0.99 | 50.19 | 1.45 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 30 | 8.34 | 33.32 | 28.63 | 52.72 | 4.74 | 0.66 | 47.98 | 2.25 |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 40 | 8.20 | 33.51 | | 52.22 | 8.01 | 1.09 | 44.21 | |
| W0409 | 9/1/04 | 14:03 | 16 | HH-01 | 44.00 | -124.2 | 49 | 8.20 | 33.51 | | 52.61 | 8.78 | 1.26 | 43.82 | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 2 | 15.90 | 32.38 | 11.97 | 85.43 | 37.23 | 5.46 | 48.20 | 6.48 |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 5 | 15.84 | 32.38 | | | 31.69 | 4.78 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 10 | 13.99 | 32.41 | | | 19.19 | 3.39 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 13 | 12.23 | 32.56 | | | 14.35 | 2.60 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 20 | 9.42 | 32.65 | | | 6.69 | 1.01 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 30 | 8.57 | 33.02 | | | 3.90 | 0.57 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 40 | 8.09 | 33.24 | | | 4.33 | 0.57 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 50 | 8.09 | 33.39 | | | 3.77 | 0.59 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 60 | 8.10 | 33.59 | | | 4.66 | 0.70 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 70 | 8.01 | 33.68 | | | 6.18 | 0.62 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 100 | 8.12 | 33.84 | | | 9.14 | 1.04 | | |
| W0409 | 9/1/04 | 16:04 | 18 | HH-02 | 44.00 | -124.4 | 105 | 8.12 | 33.84 | | | 9.08 | 1.07 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 3 | 13.43 | 31.75 | 8.34 | 78.19 | 15.53 | 2.39 | 62.66 | 5.94 |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 10 | 10.84 | 32.57 | | | 11.52 | 2.20 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 20 | 9.81 | 33.00 | | | 11.44 | 1.91 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 25 | 9.48 | 33.02 | | | 8.52 | 1.48 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 30 | 9.05 | 33.04 | | | 7.58 | 1.35 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 40 | 8.69 | 33.15 | | | 5.35 | 0.82 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 50 | 8.49 | 33.19 | | | 3.57 | 0.53 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 60 | 8.35 | 33.28 | | | 3.61 | 0.42 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 70 | 8.09 | 33.79 | | | 3.62 | 0.36 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 100 | 8.05 | 33.81 | | | 3.69 | 0.46 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 130 | 8.02 | 33.80 | | | 5.71 | 0.71 | | |
| W0409 | 9/1/04 | 18:32 | 20 | HH-03 | 44.00 | -124.6 | 144 | 8.02 | 33.84 | | | 8.30 | 0.91 | | |

| Cruise ID | GMT Date | GMT Time | Station # | Station Name | Lat N | Long W | Press. (db) | Temp. (°C) | Sal | TN [μM] | TOC [μM] | POC [μM] | PON [μM] | DOC [μM] | DON [μM] |
|-----------|----------|----------|-----------|--------------|-------|--------|-------------|------------|-------|---------|----------|----------|----------|----------|----------|
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 3 | 17.08 | 32.12 | 7.19 | 74.95 | 11.97 | 1.69 | 62.98 | 5.32 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 5 | 16.80 | 32.14 | 6.66 | 75.93 | 10.68 | 1.85 | 65.26 | 4.73 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 10 | 14.42 | 32.18 | 8.03 | 72.98 | 11.33 | 1.81 | 61.65 | 5.83 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 15 | 10.78 | 32.35 | 11.75 | 67.07 | 9.56 | 1.62 | 57.51 | 6.32 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 20 | 9.65 | 32.45 | 13.00 | 61.46 | 4.86 | 0.90 | 56.59 | 4.07 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 30 | 9.35 | 32.54 | 15.12 | 59.86 | 5.75 | 0.90 | 54.11 | 2.15 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 40 | 8.95 | 32.73 | 18.32 | 65.35 | 2.92 | 0.45 | 62.43 | 2.07 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 50 | 8.64 | 32.94 | 21.53 | 53.07 | | 0.34 | | 0.99 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 60 | 8.43 | 33.16 | 23.46 | 52.50 | | 0.27 | | 0.39 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 70 | 8.30 | 33.28 | 26.52 | 50.23 | | 0.24 | | 1.73 |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 95 | 8.05 | 33.71 | | 56.11 | | 0.24 | | |
| W0409 | 9/1/04 | 20:15 | 21 | HH-04 | 44.00 | -124.8 | 107 | 7.91 | 33.82 | 32.59 | 43.80 | 2.48 | 0.34 | 41.33 | 2.36 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 3 | 18.64 | 31.93 | 6.58 | 73.31 | 8.56 | 1.28 | 64.75 | 5.19 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 10 | 18.54 | 31.93 | 5.88 | 80.67 | 9.04 | 1.24 | 71.63 | 4.49 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 20 | 17.28 | 31.95 | 9.64 | 74.59 | 8.43 | 1.31 | 66.16 | 8.18 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 30 | 10.63 | 32.31 | 7.29 | 69.33 | 7.20 | 1.18 | 62.12 | 6.04 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 35 | 10.20 | 32.35 | 8.53 | 71.26 | 6.94 | 0.98 | 64.32 | 5.69 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 40 | 9.95 | 32.40 | 9.02 | 51.54 | 4.22 | 0.66 | 47.32 | 4.45 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 50 | 9.57 | 32.45 | | 55.14 | 3.38 | 0.50 | 51.76 | |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 71 | 8.48 | 32.98 | 22.15 | 51.76 | | 0.28 | | 4.60 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 100 | 8.11 | 33.41 | 26.96 | 48.57 | | 0.19 | | 1.91 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 151 | 7.65 | 33.83 | 31.23 | 43.64 | | 0.22 | | 0.97 |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 498 | 5.38 | 34.06 | 41.27 | 44.95 | | | | |
| W0409 | 9/1/04 | 22:06 | 22 | HH-05 | 44.00 | -125. | 927 | 4.07 | 34.35 | 43.39 | 36.39 | | | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 3 | 18.90 | 31.87 | 7.63 | 79.73 | 9.39 | 1.26 | 70.34 | 6.36 |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 10 | 18.88 | 31.87 | | | 8.54 | 1.19 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 20 | 18.71 | 31.96 | | | 7.31 | 1.02 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 30 | 13.99 | 32.21 | | | 7.83 | 1.24 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 40 | 11.78 | 32.28 | | | 7.20 | 1.02 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 45 | 10.47 | 32.31 | | | 12.28 | 1.76 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 50 | 10.08 | 32.34 | | | 13.58 | 2.21 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 70 | 8.74 | 32.62 | | | 2.95 | 0.48 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 100 | 7.97 | 33.37 | | | 2.75 | 0.44 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 150 | 7.58 | 33.72 | | | | 0.22 | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 360 | 6.09 | 34.07 | | | | | | |
| W0409 | 9/1/04 | 0:16 | 23 | HH-07 | 44.00 | -125.2 | 1005 | 3.65 | 34.42 | | | | | | |