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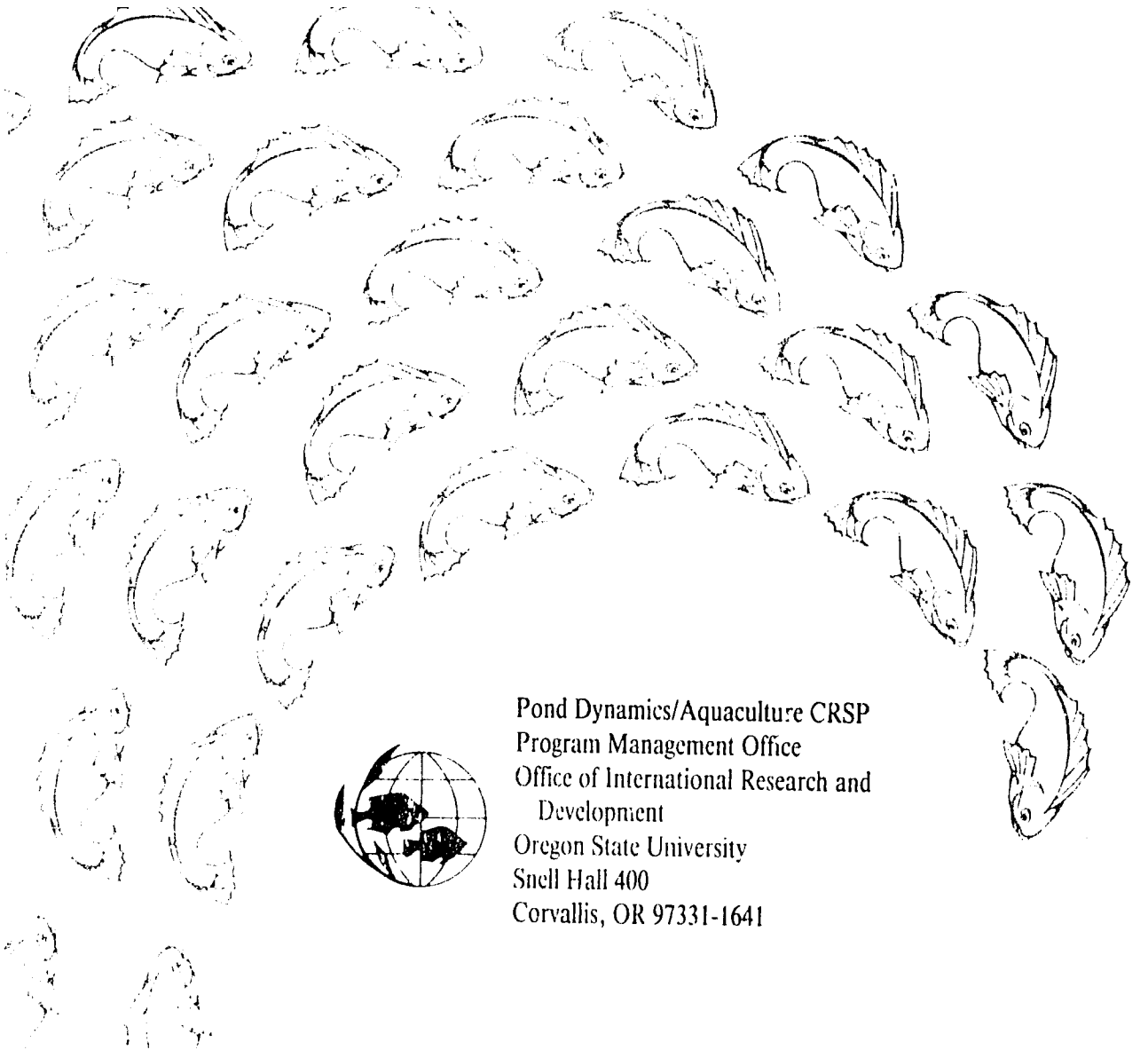
# Pond Dynamics/Aquaculture Collaborative Research Data Reports

## Volume Six, Number One
## Honduras Project

### Cycle I of the CRSP Global Experiment

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# POND DYNAMICS/AQUACULTURE COLLABORATIVE RESEARCH DATA REPORTS

Volume Six, Number One
Honduras: Cycle I of The Global Experiment

April 27, 1990

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## FOREWORD

The Pond Dynamics/Aquaculture Collaborative Research Support Program (PD/A CRSP) represents an international community of researchers and institutions dedicated to strengthening health and nutrition in developing countries by improving the efficiency of pond aquaculture systems. It is one of several agricultural CRSPs supported by the U.S. Agency for International Development under the authority of Title XII of the International Development and Food Assistance Act of 1975.

The "Global Experiment" in Pond Dynamics/Aquaculture is the major CRSP research activity, covering the period from 1982 to 1987. The Global Experiment was designed to quantitatively describe the physical, chemical and biological principles of pond culture systems. The information gained from the Global Experiment will be used to improve production technologies and develop quantitative production functions to facilitate rigorous economic analyses of aquaculture systems.

Standardization is a key element of the Global Experiment. Standardization permits the comparison of data from diverse geographic locations. The experimental design involves monitoring specified environmental and fish production variables in accordance with standardized work plans in twelve or more ponds at each of seven geographical locations. The variables observed, frequency of observation, and materials and methods are uniform for all locations. The field data are filed in a centralized data base, called the CRSP Central Data Base. Statistical methods will be used to test hypotheses about correlations between variables and to evaluate the sources of variance within ponds, between ponds within locations, and between locations.

The CRSP Central Data Base will be used to develop predictive models of the processes occurring in pond culture systems. The models will be used to: provide guidance for ongoing and future research; predict the performance of existing and proposed pond systems subject to specific inputs and constraints; and improve the operation and efficiency of pond culture systems.

The Global Experiment includes three cycles of experiments. Each cycle consists of two series of observations, one during the dry season and one during the wet season. The objective of the first cycle is to create a detailed baseline of chemical, physical, and biological data on all ponds treated with a standard level of inorganic fertilizer. In the second experimental cycle, ponds treated with inorganic fertilizer are compared to ponds treated with organic fertilizer. In the third cycle, the responses of ponds to different levels of organic fertilizer are compared.

The goal of the Pond Dynamics/Aquaculture Collaborative Research Data Reports (referred to as Data Reports) is to record the CRSP Central Data Base and to present interpretations of site specific results. The Pond Dynamics/Aquaculture CRSP has conducted the Global Experiment at seven project sites in six developing countries: Thailand, Indonesia, the Philippines, Panama, Honduras, and Rwanda. The first volume of these reports provides descriptive information for each CRSP site. It presents the physical characteristics of each site, including a geographical sketch, climatology, and water and soil analyses. Experimental cycles are described in CRSP Work Plans One to Three, which are summarized in the first volume.

Volume One will serve as the reference volume for the entire report series. Subsequent volumes will focus on each site separately. Each Data Report will include one cycle (wet and dry seasons) of the Pond Dynamics/Aquaculture CRSP Global Experiment. Therefore, with few exceptions, each project site will have three Data Reports devoted to it, representing the results of the three cycles of the Global Experiment. Cycle I of the Global Experiment in Honduras is presented in this volume.

## INTRODUCTION

The results of the Cycle I Pond Dynamics/Aquaculture (PD/A) CRSP dry and rainy season experiments, conducted at the El Carao Aquacultural Experiment Station, Comayagua, Honduras, are reported herein. The station, located about 8 km from the city of Comayagua, is the largest of a series of aquacultural experiment stations operated by the General Directorate of Natural Renewable Resources (Dirección General de Recursos Naturales Renovables), Ministry of Natural Resources (Secretaría de Recursos Naturales). Facilities at the station have been described by Egna et al. (1987). The El Carao Station is used for CRSP research and for the production of tilapia and chinese carp fingerlings which are distributed to fish farmers. Other activities undertaken by the station's technical staff are extension and training.

The objective of this research was to quantify the physical, chemical, and biological characteristics of experimental ponds, stocked with *Oreochromis niloticus* and fertilized only with phosphorus, during the dry and rainy seasons (CRSP First Work Plan, undated). Fish yields after 150 days were evaluated, and dry and rainy season results were compared.

## MATERIALS AND METHODS

Ten and twelve 0.1-ha earthen ponds located on the El Carao Aquacultural Experiment Station were used during the dry and rainy seasons, respectively. Triple superphosphate (TSP) fertilizer (46% $P_2O_5$) was applied biweekly to each pond at a rate of 8.7 kg TSP/ha. The fertilizer was dissolved in a bucket containing pond water. After several minutes of mixing the supernatant was dispersed over the pond surface, and the remaining undissolved fertilizer was washed into a woven plastic sack suspended at 25 cm depth. Any fertilizer remaining in the sack was dissolved prior to the next fertilizer application.

Ponds were stocked with male *Oreochromis niloticus* at a rate of 10,000/ha. At stocking, fingerlings averaged 13.1 g and 10.4 g during the dry and rainy seasons, respectively. Ponds for the dry season experiment were stocked on 12 January 1984 and all ponds were harvested on 13 June 1984, 150 days after stocking. Ponds for the rainy season experiment were stocked on 11 July 1984 and harvested on 10 December 1984, 150 days later. Ponds were managed according to guidelines given in the CRSP First Work Plan (undated).

Pond mud samples were collected using the methodology given in the CRSP First Work Plan (undated). Initial dry season samples were analyzed in the United States. The final dry season samples, which also served as the initial rainy season samples, and the final rainy season samples were analyzed at a soils laboratory in Honduras.

Initial and final water samples were collected from each pond, preserved according to the CRSP First Work Plan (undated), and analyzed for major/minor elements in the U.S. and in Honduras during the dry and rainy seasons, respectively.

Water quality samples were collected monthly and analyzed according to the CRSP First Work Plan (undated). Certain exceptions to the stated methods are detailed below:

1) Solar Radiation

   A Belfort pyrheliometer was used to measure total solar radiation (g-cal/cm$^2$-day). On 20 September 1984, a LI-COR LI-1776 solar monitor (E/m$^2$) was installed. Both readings were recorded.

2) Wind Speed and Direction

   Wind speed and direction data were obtained from the Honduran Air Force Base at Palmerola, located approximately 8 km S-SE of the station. Hourly spot readings were averaged to determine daily means. Beginning 30 November 1984, a Weathertronics recording anemometer was installed on the station. In both cases instrument height was 2.44 m.

3) Air Temperatures

   Equipment was installed on 16 January 1984.

4) Pond Water Temperatures

   Equipment was installed on 29 January 1984 and 22 July 1984.

5) Diurnal Dissolved Oxygen Studies

   The first three dry season diurnal studies ran from 1500 to 1500 hours, while the remaining studies were conducted from 0600 to 0600 hours. All rainy season studies ran from 0600 a.m. to 0600 hours.

6) pH

   Weekly dry season pH measurements began on 23 April 1984.

7) Chlorophyll *a*

   Not done for lack of proper equipment.

8) Primary Productivity

   Dry and rainy season primary productivity was determined monthly using the free-water diurnal curve method (Hall and Moll,1975). Dissolved oxygen was measured as part of the diurnal sampling, using a polarographic dissolved oxygen meter, at 4-hour intervals and at depths of 0.25, 0.50, and 0.75 m. Measured values were corrected for oxygen diffusion across the air-water interface using an empirical relationship relating the oxygen transfer coefficient to wind speed (Banks and Herrera, 1977).

9) Phytoplankton

   Relative abundance by major groups during dry season; done approximately every three days beginning 1 March 1984.

10) Zooplankton

   Quantitative analysis to major groups on a weekly basis beginning 19 July 1984.

Data were analyzed using t-test and regression analysis using the StatView SE + Graphics statistical data analysis package (Feldman et al., 1988). Ponds B-4 and B-5 were excluded from the comparisons because the data obtained from these ponds during the rainy season were so different from the remaining ponds. Data were reported as means by pond, and means ± standard error. Differences were declared significant at an alpha level of 0.05.

## RESULTS

### FISH YIELD

The mean yield of tilapia during the dry season (547 ± 36 kg/ha) was significantly greater than during the rainy season (334 ± 25 kg/ha) (Tables 1 and 2, Figure 1). Although the mean initial individual fish weights were different for each season, an analysis of covariance indicated no significant effect of stocking weight on subsequent growth. No seasonal difference in fish survival was observed. Tilapia reproduction in the experimental ponds was significantly greater during the rainy season. Human error during the sexing of the fish was the cause of differences in the extent of reproduction.

### WATER QUALITY VARIABLES

Results of water quality analyses are summarized by pond in Table 3, and by season in Figures 2 to 13. Seasonal water quality means are compared in Table 4.

### BIOLOGICAL VARIABLES

#### Primary Productivity and Community Respiration

Net primary productivity during the dry season (1.62 ± 0.13 g $O_2/m^3$ - day) was significantly greater than during the rainy season (0.75 ± 0.11 g $O_2/m^3$ - day). Dry season gross primary productivity (3.41 ± 0.23 g $O_2/m^3$ - day) was significantly greater than rainy season gross primary productivity (2.59 ± 0.17 g $O_2/m^3$ - day). Community respiration during the dry season (3.56 ± 0.23 g $O_2/m^3$ - day) was similar to that of the rainy season (3.68 ± 0.22 g $O_2/m^3$ - day). Clay turbidity was present in ponds during both seasons, and limited the amount of light

available for photosynthesis. Greater clay turbidity, caused by runoff during the rainy season, was probably responsible for reduced primary productivity.

Phytoplankton

Green algae dominated phytoplankton populations on the majority of the sampling dates during the dry season. Whereas blue-green algae ranged in abundance from rare to abundant, they were, on the average, common. Diatoms were rare to common. The most common genera were: *Scenedesmus* (green algae), *Ankistrodesmus* and *Anabaena* (blue-green algae), *Navicula* and *Fragilaria* (diatoms).

Zooplankton

Generally, cyclopoid copepods dominated zooplankton populations during the dry season, while cladocerans and rotifers were present in intermediate numbers. The total number of zooplankters decreased over the course of the experiment (Figure 14).

Throughout the rainy season experiment rotifers were the dominant zooplankton, and generally represented 50% or more of the total zooplankton population (Figure 15). Nauplii and cyclopoid copepods were the second and third most abundant. The total number of zooplankton decreased in all groups over the course of the experiment.

Secchi Disk Visibility

Mean Secchi disk visibility (SDV) was greater during the dry season (16.1 ± 0.9 cm) than during the rainy season (13.5 ± 0.6 cm). SDV behaved in a similar manner during both seasons: initial SDVs decreased to a range of 11 - 16 cm within the first month, and remained at this level throughout the remainder of the experiment (Table 5). Clay turbidity was the primary form of turbidity during both seasons.

WATER USAGE

Ponds gained a mean of 1095 $m^3$ and 1007 $m^3$ water/pond from all sources during the dry and rainy seasons, respectively (Table 6). Rain water represented 18% of gains during the dry season compared with 56% in the rainy season. Reservoir water was the source for remaining gains. Water losses were comparable during both seasons. It was not possible to separate losses into components of seepage, evaporation, or overflow.

## SOIL ANALYSES

Results of the pond mud analyses are presented by pond in Tables 7 to 9, and seasonal comparisons are made in Table 10. It should be noted that the final soil sample from one season was used as the initial sample for the following season as the turn-around-time was less than one month.

## MINOR ELEMENTS IN WATER

Different laboratories were used to analyze each season's initial (Tables 11 and 13) and final (Table 12 and 14) samples; it is not known how this affects between-season comparisons. Relationships between mean initial and mean final concentrations are shown in Table 15.

## STATION ENVIRONMENT

### Solar Radiation

The mean daily (total) solar radiation for the dry season (439.2 g-cal/cm$^2$) was similar to the mean for the rainy season (408.1 g-cal/cm$^2$) (Table 16). Similar ranges of daily total solar radiation were observed during both seasons.

### Rainfall

Rainy season precipitation (56.5 cm) was over 100% greater than dry season precipitation (20.0 cm). It rained 61 days during the rainy season and 34 days during the dry season. The number of rainy days and total rainfall per month were: January (13 - 30), 4 days, 0.73 cm; February, 4 days, 1.16 cm; March, 3 days, 0.15 cm; April, 3 days, 0.26 cm; May, 12 days, 12.15 cm; June (1 - 13), 8 days, 5.58 cm; July (11 - 30), 11 days, 6.98 cm; August, 17 days, 9.34 cm; September, 16 days, 28.85 cm; October, 12 days, 11.01 cm; November, 3 days, 0.29 cm; and, December (1 - 11), 2 days, 0.02 cm Rains generally fell during the late afternoon and evening hours during both seasons.

### Wind

Mean daily wind speed, by month, was: January 11 to 31, 12.8 kph; February, 12.5 kph; March,10.2 kph; April, 9.0 kph; May, 8.5 kph; June 1 to 13, 7.5 kph; July 11 to 30, 8.8 kph; August, 8.3 kph; September, 7.7 kph;

October, 10.2 kph; November, 12.0 kph; and, December 1-11, 6.3 kph. Wind direction was predominantly from the N-NW. There were no seasonal differences in wind speed or direction.

Air Temperature

Although air temperatures tended to increase slightly during the dry season, the opposite was true during the rainy season (Figures 16 and 17). The mean daily maximum was more variable during the dry season, whereas the mean daily minimum was more variable during the rainy season.

RELATIONSHIPS BETWEEN BIOLOGICAL VARIABLES

Dry season tilapia yield was significantly correlated with net primary productivity ($r^2 = 0.68$). Net daily tilapia yield was significantly correlated with net primary productivity ($r^2 = 0.695$). Combined tilapia yield (both seasons) was significantly correlated to net primary productivity ($r^2 = 0.795$) (Figure 18).

## DISCUSSION

Mean net and gross primary productivity and tilapia yield were greater during the dry season. Coefficients of variation (CV) for fish yield were 23.9% and 20.8% for the rainy and dry seasons, respectively. Net total yield CV's were 35.9% and 26.3% during the rainy and dry seasons, respectively. The greater rainy season CV was attributed to the greater extent to which tilapia reproduction occurred.

Twelve ponds were used during the rainy season cycle as opposed to 10 ponds during the dry season experiment. The two ponds previously excluded (B-4 and B-5) had a recent history of organic fertilization. An obvious residual effect of this fertilization on the fertility of these two ponds was observed during the present experiment, especially in terms of fish yield and primary productivity. The coefficient of variation for total net yield was 71% when all 12 ponds were included, but dropped to 36% when B-4 and B-5 were excluded. Coefficients of variation for net and gross primary productivity and community respiration decreased from 67%, 46% , and 40%, respectively, to 45%, 21%, and 19%, respectively, when ponds B-4 and B-5 were excluded. Water quality variables were much less affected by the previous fertilization history of the ponds. Coefficients of variation ranged from 11 - 22% for water quality parameters when all 12 ponds were considered. When ponds B-4 and B-5 were excluded, the coefficients of variation either decreased or remained unchanged, and CV's varied from 10 - 17%.

It had been expected that fish yields would average 1000 kg/ha during each season. Although reports in the literature suggested that this was a reasonable expectation, the present results indicate otherwise. The turbidity in ponds, which was caused by suspended clay particles, reduced light penetration, and was probably the principal factor limiting production, as there appeared to be sufficient quantities of carbon, nitrogen and phosphorus in the pond water. Although incoming water generally had a slightly milky color, water appeared to be more turbid during the rainy season as a result of surface runoff. However, much of the turbidity was probably caused by the suspension of fine clay particles from the bottom muds by wind-induced water circulation. The low organic matter content of the bottom muds most likely made it easier for this fine clay to be brought into suspension.

Water quality means were generally greater during the dry season, in part because of the concentration of constituents resulting from evaporation, and in part because of dilution and losses of constituents from ponds caused by rainfall during the rainy season.

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Table 1. Summary of *Oreochromis niloticus* (10,000/ha) yields in earthen ponds fertilized biweekly with triple superphosphate (8.7 kg/ha) during the Cycle I dry and rainy season experiments.

| Pond | Season | Mean Final weight (g/fish) | Mean Final length (cm/fish) | Survival (%) | Yield | Net Yield Initial Stock (kg/ha-150 d) | Net Total Yield |
|---|---|---|---|---|---|---|---|
| B-1 | Dry | 67.1 | 16.1 | 93.9 | 630 | 500 | 500 |
| B-2 | Dry | 63.1 | 15.8 | 92.6 | 584 | 444 | 444 |
| B-3 | Dry | 64.9 | 15.9 | 85.0 | 552 | 422 | 422 |
| B-6 | Dry | 53.8 | 15.9 | 94.8 | 511 | 351 | 351 |
| B-7 | Dry | 73.8 | 16.6 | 89.1 | 658 | 538 | 538 |
| B-8 | Dry | 76.8 | 16.7 | 93.3 | 717 | 572 | 585 |
| B-9 | Dry | 64.8 | 15.9 | 91.6 | 594 | 454 | 454 |
| B-10 | Dry | 46.5 | 13.9 | 86.3 | 402 | 282 | 310 |
| B-11 | Dry | 40.7 | 13.7 | 89.8 | 366 | 246 | 246 |
| B-12 | Dry | 47.8 | 14.3 | 94.5 | 452 | 312 | 312 |
| B-1 | Rainy | 38.2 | 12.6 | 95.6 | 365 | 262 | 318 |
| B-2 | Rainy | 28.2 | 12.0 | 91.4 | 258 | 151 | 180 |
| B-3 | Rainy | 34.9 | 12.9 | 93.4 | 326 | 225 | 280 |
| B-4 | Rainy | 70.9 | 15.8 | 100.0 | 709 | 605 | 830 |
| B-5 | Rainy | 92.3 | 17.7 | 95.8 | 884 | 775 | 1098 |
| B-6 | Rainy | 47.7 | 13.9 | 79.7 | 380 | 286 | 399 |
| B-7 | Rainy | 46.6 | 13.8 | 91.4 | 426 | 324 | 386 |
| B-8 | Rainy | 40.0 | 13.3 | 100.0 | 400 | 297 | 314 |
| B-9 | Rainy | 48.6 | 13.5 | 90.4 | 440 | 335 | 447 |
| B-10 | Rainy | 28.6 | 11.9 | 92.2 | 264 | 154 | 189 |
| B-11 | Rainy | 24.0 | 11.4 | 86.3 | 207 | 102 | 133 |
| B-12 | Rainy | 34.1 | 12.9 | 81.3 | 277 | 168 | 239 |

Table 2. Comparison of tilapia yields during the Cycle I dry and rainy season experiments.

| Varaible | Dry Season | | Rainy season | | t |
|---|---|---|---|---|---|
| | Mean | S.E. | Mean | S.E. | value |
| Tilapia yield (kg/ha) | 547 | 35.9 | 33[illegible] | 25.2 | -4.84* |
| Net tilapia yield (kg/ha) | 416 | 34.6 | 289 | 32.9 | -2.68* |
| Tilapia survival (%) | 91.1 | 1.1 | 90.2 | 2.0 | -0.41 |
| Adult weight (g/fish) | 59.9 | 3.8 | 37.1 | 2.8 | -4.84* |

* Seasonal means are significantly different (P< 0.05).

Table 3. Summary of water quality observations (means) in earthen ponds stocked with *Oreochromis niloticus* (10,000/ha) and fertilized biweekly with triple superphosphate (8.7 kg/ha) during the Cycle I dry and rainy season experiments.

| Pond | Season | pH | Total alkalinity | Total hardness | Calcium hardness | Ammonia | Nitrate | Total phosphorus | Soluble orthophosphate | Dissolved oxygen |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | mg/l $CaCO_3$ | | | mg/l $NH_3$-N | mg/l $NO_3$-N | mg/l $PO_4$-P | | mg/l |
| B-1 | Dry | 8.35 | 89.62 | 72.34 | 59.03 | 0.55 | 0.11 | 1.46 | 1.00 | 4.01 |
| B-2 | Dry | 8.57 | 121.12 | 84.87 | 66.19 | 0.40 | 0.07 | 1.47 | 1.29 | 4.50 |
| B-3 | Dry | 8.46 | 109.76 | 81.16 | 64.37 | 0.34 | 0.11 | 1.27 | 1.03 | 4.51 |
| B-6 | Dry | 8.53 | 82.82 | 75.88 | 65.38 | 0.24 | 0.12 | 1.00 | 0.78 | 4.72 |
| B-7 | Dry | 8.46 | 113.60 | 82.82 | 64.13 | 0.26 | 0.10 | 0.97 | 0.74 | 4.61 |
| B-8 | Dry | 8.48 | 108.33 | 81.49 | 62.60 | 0.19 | 0.11 | 1.39 | 1.17 | 4.38 |
| B-9 | Dry | 8.41 | 115.84 | 83.85 | 65.47 | 0.21 | 0.16 | 1.39 | 1.22 | 4.32 |
| B-10 | Dry | 8.41 | 125.68 | 87.34 | 68.19 | 0.22 | 0.14 | 1.32 | 1.15 | 4.24 |
| B-11 | Dry | 8.38 | 117.15 | 71.69 | 58.36 | 0.24 | 0.14 | 1.29 | 1.11 | 4.44 |
| B-12 | Dry | 8.24 | 82.59 | 68.81 | 56.78 | 0.34 | 0.20 | 1.19 | 1.01 | 4.18 |
| B-1 | Rainy | 8.09 | 63.3 | 48.7 | 37.3 | 0.48 | 0.20 | 1.40 | 0.61 | 4.24 |
| B-2 | Rainy | 8.20 | 80.7 | 57.9 | 48.1 | 0.44 | 0.23 | 1.50 | 0.84 | 4.64 |
| B-3 | Rainy | 8.21 | 91.7 | 63.5 | 52.1 | 0.43 | 0.23 | 1.67 | 0.88 | 4.46 |
| B-4 | Rainy | 8.52 | 135.6 | 91.1 | 71.9 | 0.31 | 0.19 | 1.70 | 0.95 | 4.31 |
| B-5 | Rainy | 8.22 | 118.3 | 77.4 | 66.0 | 0.39 | 0.29 | 1.77 | 0.92 | 3.34 |
| B-6 | Rainy | 8.25 | 83.7 | 74.8 | 62.2 | 0.38 | 0.22 | 1.49 | 0.80 | 4.35 |
| B-7 | Rainy | 8.20 | 77.0 | 56.6 | 45.4 | 0.35 | 0.17 | 1.28 | 0.58 | 4.63 |
| B-8 | Rainy | 8.15 | 82.9 | 61.2 | 50.5 | 0.35 | 0.19 | 1.34 | 0.95 | 4.22 |
| B-9 | Rainy | 8.30 | 105.8 | 74.6 | 61.7 | 0.35 | 0.36 | 1.54 | 0.79 | 4.00 |
| B-10 | Rainy | 8.28 | 105.4 | 73.2 | 58.6 | 0.28 | 0.25 | 1.80 | 1.04 | 4.19 |
| B-11 | Rainy | 8.19 | 92.0 | 59.1 | 48.0 | 0.33 | 0.33 | 1.55 | 0.92 | 4.60 |
| B-12 | Rainy | 8.04 | 72.1 | 56.6 | 45.5 | 0.31 | 0.35 | 1.40 | 0.87 | 4.00 |

Table 4. Comparison of water quality means during the Cycle I dry and rainy season experiments.

| Varaible | Dry Season | | Rainy season | | t |
|---|---|---|---|---|---|
| | Mean | S.E. | Mean | S.E. | value |
| Early morning pH | 8.32 | 9.47 | 8.14 | 9.31 | 4.11* |
| Total alkalinity (mg/l $CaCO_3$) | 106.7 | 5.0 | 85.5 | 4.3 | -3.21* |
| Total hardness (mg/l $CaCO_3$) | 79.0 | 2.0 | 62.6 | 2.8 | -4.76* |
| Calcium hardness (mg/l $CaCO_3$) | 63.0 | 1.2 | 51.0 | 2.5 | -4.34* |
| Ammonia (mg/l $NH_3$-N) | 0.23 | 0.03 | 0.38 | 0.02 | 3.84* |
| Nitrate (mg/l$NO_3$-N) | 0.16 | 0.02 | 0.25 | 0.02 | 3.59* |
| Total phosphorus (mg/l $PO_4$-P) | 1.27 | 0.06 | 1.49 | 0.04 | 2.985* |
| Soluble orthophosphate (mg/l $PO_4$-P) | 1.02 | 0.06 | 0.87 | 0.04 | -2.14* |

* Seascnal means are significantly different ($P < 0.05$).

Table 5. Mean monthly Secchi disk visibility in earthen ponds stocked with *Oreochromis niloticus* (10,000/ha) and fertilized biweekly with triple superphosphate (8.7 kg/ha) during the Cycle I dry and rainy season experiments.

| Month | B-1 | B-2 | B-3 | B-4 | B-5 | B-6 | B-7 | B-8 | B-9 | B-10 | B-11 | B-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 26.8 | 27.8 | 32.3 | --- | --- | 34.5 | 35.5 | 38.8 | 25.5 | 33.8 | 27.3 | 15.5 |
| Februray | 17.3 | 17.9 | 17.1 | --- | --- | 22.1 | 23.8 | 18.0 | 15.2 | 12.8 | 13.9 | 13.0 |
| March | 11.6 | 15.4 | 12.9 | --- | --- | 14.6 | 16.6 | 16.5 | 11.2 | 11.3 | 12.8 | 10.8 |
| April | 13.5 | 13.5 | 15.0 | --- | --- | 18.3 | 20.0 | 16.0 | 19.3 | 14.5 | 13.8 | 14.3 |
| May | 13.5 | 14.4 | 12.4 | --- | --- | 10.3 | 20.6 | 16.2 | 15.6 | 11.1 | 11.6 | 9.5 |
| June | 14.0 | 16.3 | 14.3 | --- | --- | 10.8 | 23.5 | 16.8 | 15.8 | 9.8 | 10.8 | 9.5 |
| July | 21.0 | 21.6 | 19.6 | 33.5 | 28.8 | 17.1 | 32.3 | 25.2 | 23.8 | 15.9 | 16.5 | 17.8 |
| August | 12.8 | 11.9 | 13.5 | 23.6 | 22.5 | 19.2 | 19.6 | 14.5 | 15.3 | 11.4 | 11.6 | 12.3 |
| September | 16.1 | 12.5 | 13.0 | 23.3 | 23.1 | 14.5 | 19.0 | 15.8 | 14.4 | 12.1 | 10.2 | 12.4 |
| October | 11.2 | 10.4 | 11.1 | 19.0 | 17.4 | 12.7 | 12.2 | 10.1 | 10.7 | 9.3 | 10.2 | 9.4 |
| November | 11.6 | 10.5 | 10.8 | 13.5 | 11.9 | 12.1 | 11.6 | 9.5 | 11.1 | 9.3 | 10.2 | 9.4 |
| December | 9.5 | 8.8 | 10.8 | 15.5 | 10.8 | 11.3 | 9.3 | 9.8 | 11.3 | 7.3 | 9.8 | 10.0 |

Table 6. Summary of water usage (cm of water) in earthen ponds stocked with *Oreochromis niloticus* (10,000/ha) and fertilized biweekly with triple superphosphate (8.7 kg/ha) during the Cycle I dry and rainy season experiments.

| Pond | Season | Pipe Water Added | Rainfall | Seepage, Evaporation and overflow |
|---|---|---|---|---|
| B-1 | Dry | 103.5 | 20.0 | 123.5 |
| B-2 | Dry | 75.5 | 20.0 | 88.5 |
| B-3 | Dry | 69.5 | 20.0 | 84.5 |
| B-6 | Dry | 127.5 | 20.0 | 153.5 |
| B-7 | Dry | 78 | 20.0 | 94.0 |
| B-8 | Dry | 73 | 20.0 | 89.0 |
| B-9 | Dry | 82.5 | 20.0 | 96.5 |
| B-10 | Dry | 73 | 20.0 | 87.0 |
| B-11 | Dry | 61.5 | 20.0 | 78.5 |
| B-12 | Dry | 151.5 | 20.0 | 168.5 |
| B-1 | Rainy | 54 | 56.5 | 120.5 |
| B-2 | Rainy | 36 | 56.5 | 107.5 |
| B-3 | Rainy | 29 | 56.5 | 91.5 |
| B-4 | Rainy | 23 | 56.5 | 87.5 |
| B-5 | Rainy | 53 | 56.5 | 117.5 |
| B-6 | Rainy | 57 | 56.5 | 112.5 |
| B-7 | Rainy | 33 | 56.5 | 97.5 |
| B-8 | Rainy | 40 | 56.5 | 92.5 |
| B-9 | Rainy | 39 | 56.5 | 97.5 |
| B-10 | Rainy | 35 | 56.5 | 106.5 |
| B-11 | Rainy | 41 | 56.5 | 97.5 |
| B-12 | Rainy | 91 | 56.5 | 133.5 |

Table 7. Results of analyses of pond mud samples collected prior to the Cycle I dry season experiment.

| Pond | pH | Organic matter (%) | $NO_3$-N (mg/l) | P | K | Zn | Cu | Mn |
|---|---|---|---|---|---|---|---|---|
| | | | | (mg/l) | | | | |
| B-1 | 8.0 | 1.20 | 22.6 | 15 | 956 | 1.70 | 4.8 | 12.2 |
| B-2 | 8.6 | 0.76 | 0.9 | 14 | 991 | 1.20 | 2.9 | 4.7 |
| B-3 | 8.8 | 0.51 | 5.2 | 11 | 1053 | 0.88 | 3.3 | 12.7 |
| B-6 | 8.3 | 0.56 | 30.7 | 18 | 956 | 2.20 | 4.6 | 9.0 |
| B-7 | 8.9 | 0.76 | 10.2 | 9 | 176 | 0.64 | 3.3 | 7.3 |
| B-8 | 8.4 | 1.20 | 14.8 | 14 | 148 | 2.10 | 4.2 | 4.3 |
| B-9 | 8.3 | 1.10 | 1.9 | 18 | 1190 | 1.50 | 4.8 | 8.1 |
| B-10 | 8.6 | 1.10 | 5.2 | 9 | 1073 | 0.64 | 3.1 | 6.0 |
| B-11 | 8.8 | 1.40 | 1.9 | 13 | 1092 | 0.84 | 2.6 | 4.0 |
| B-12 | 8.7 | 1.50 | 3.2 | 11 | 878 | 0.90 | 4.0 | 17.1 |

| Pond | Ca | Mg | $CaCO_3$ | Sand | Silt | Clay |
|---|---|---|---|---|---|---|
| | (meq/100 g soil) | | (%) | | (%) | |
| B-1 | 52 | 4.6 | 1.2 | 11.0 | 37.6 | 51.3 |
| B-2 | 54 | 3.2 | 2.0 | 3.9 | 44.9 | 51.2 |
| B-3 | 58 | 4.0 | 5.1 | 14.0 | 42.3 | 43.7 |
| B-6 | 57 | 4.0 | 3.3 | 5.4 | 46.1 | 48.5 |
| B-7 | 49 | 3.9 | 1.7 | 5.3 | 43.7 | 49.4 |
| B-8 | 48 | 3.8 | 1.3 | 9.6 | 39.4 | 51.0 |
| B-9 | 55 | 3.6 | 2.4 | 7.6 | 41.9 | 50.6 |
| B-10 | 58 | 3.8 | 4.0 | 6.5 | 43.3 | 50.1 |
| B-11 | 56 | 3.8 | 4.1 | 9.1 | 41.3 | 49.6 |
| B-12 | 55 | 4.2 | 3.2 | 9.2 | 39.6 | 51.1 |

Table 8. Results of analyses[1] of pond mud samples collected between the Cycle I dry and rainy season experiments. Samples served as final dry season and initial rainy season samples.

| Pond | pH | Conductivity (µmho/cm) | Organic matter (%) | Total N (%) | P | K | Ca | Mg |
|---|---|---|---|---|---|---|---|---|
| | | | | | (mg/l) | | | |
| B-1 | 7.7 | 400 | 0.62 | 0.043 | 33 | 1012 | 16880 | 588 |
| B-2 | 8.1 | 420 | 0.66 | 0.071 | 42 | 1101 | 17780 | 561 |
| B-3 | 7.5 | 420 | 0.66 | 0.057 | 34 | 1243 | 20000 | 643 |
| B-4 | 8.0 | 500 | 0.66 | 0.071 | 75 | 1287 | 40690 | 876 |
| B-5 | 8.0 | 500 | 0.52 | 0.043 | 55 | 1042 | 35330 | 755 |
| B-6 | 7.6 | 420 | 0.82 | 0.085 | 24 | 886 | 21820 | 653 |
| B-7 | 7.6 | 440 | 0.79 | 0.071 | 31 | 1304 | 12410 | 583 |
| B-8 | 7.9 | 560 | 0.95 | 0.085 | 34 | 1287 | 12740 | 544 |
| B-9 | 7.8 | 540 | 0.95 | 0.085 | 65 | 1269 | 20170 | 764 |
| B-10 | 8.0 | 520 | 0.76 | 0.057 | 40 | 1320 | 25370 | 695 |
| B-11 | 8.1 | 540 | 0.62 | 0.071 | 49 | 1334 | 24380 | 704 |
| B-12 | 7.8 | 480 | 0.79 | 0.071 | 31 | 1059 | 22660 | 650 |

| Pond | Na | Fe | Mn | Cu | Zn | S | B |
|---|---|---|---|---|---|---|---|
| | | | | (mg/l) | | | |
| B-1 | 500 | 9.3 | 10.2 | 2.8 | 0.5 | 18 | 0.6 |
| B-2 | 845 | 5.3 | 6.8 | 3.4 | 0.8 | 26 | 0.4 |
| B-3 | 860 | 7.9 | 5.9 | 2.6 | 0.5 | 25 | 0.5 |
| B-4 | 2045 | 6.1 | 6.8 | 1.0 | 0.5 | 30 | 0.3 |
| B-5 | 1145 | 6.2 | 6.4 | 1.0 | 0.5 | 26 | 0.3 |
| B-6 | 380 | 6.6 | 8.8 | 2.7 | 0.6 | 26 | 0.4 |
| B-7 | 740 | 10.2 | 10.8 | 2.8 | 0.4 | 26 | 0.3 |
| B-8 | 1030 | 10.0 | 7.5 | 2.9 | 0.5 | 39 | 0.4 |
| B-9 | 825 | 10.9 | 7.8 | 3.5 | 0.6 | 39 | 0.4 |
| B-10 | 1640 | 8.8 | 5.9 | 2.6 | 0.5 | 29 | 0.5 |
| B-11 | 2320 | 8.5 | 5.9 | 2.3 | 0.5 | 25 | 0.5 |
| B-12 | 625 | 10.2 | 10.4 | 3.0 | 0.6 | 26 | 0.5 |

[1] Extraction solutions: 1 N Ammonium acetate, pH 4.8 (P, K, Ca, Mg); DPTA (Fe, Mn, Cu, Zn).

Table 8. Continued.

| Pond | Na | K | Ca | Mg | C.E.C. | $CaCO_3$ |
|---|---|---|---|---|---|---|
| | (meq/100 g soil) | | | | | (%) |
| B-1 | 1.71 | 2.65 | 45.16 | 3.88 | 22.26 | 5.09 |
| B-2 | 2.54 | 2.79 | 47.85 | 4.20 | 21.05 | 4.74 |
| B-3 | 2.34 | 2.87 | 43.71 | 4.16 | 24.69 | 5.11 |
| B-4 | 3.60 | 2.97 | 43.21 | 4.02 | 29.96 | 9.50 |
| B-5 | 2.86 | 2.69 | 43.01 | 3.68 | 17.81 | 9.55 |
| B-6 | 1.39 | 2.16 | 52.40 | 5.44 | 29.35 | 5.53 |
| B-7 | 2.14 | 2.18 | 47.60 | 4.28 | 24.90 | 3.85 |
| B-8 | 3.01 | 3.24 | 48.90 | 3.96 | 26.74 | 4.34 |
| B-9 | 2.18 | 3.15 | 48.01 | 4.60 | 29.96 | 5.53 |
| B-10 | 3.76 | 3.01 | 45.56 | 4.05 | 33.60 | 6.44 |
| B-11 | 4.29 | 3.11 | 46.06 | 4.23 | 26.31 | 6.77 |
| B-12 | 1.90 | 2.58 | 49.80 | 4.14 | 23.07 | 6.36 |

Table 9. Results of analyses[1] of pond mud samples collected upon completion of the Cycle I rainy season experiment.

| Pond | pH | Organic Matter (%) | $NH_4$-N | $NO_3$-N | Total N | P | K |
|---|---|---|---|---|---|---|---|
| | | | (mg/l) | | | | |
| B-1 | 8.4 | 1.09 | 1000 | 500 | 1500 | 44 | 1005 |
| B-2 | 8.8 | 0.80 | 700 | 600 | 1300 | 54 | 1135 |
| B-3 | 8.7 | 1.12 | 700 | 600 | 1300 | 54 | 1116 |
| B-4 | 8.9 | 0.96 | 1000 | 500 | 1500 | 73 | 1170 |
| B-5 | 8.7 | 1.37 | 900 | 600 | 1500 | 11 | 1125 |
| B-6 | 8.5 | 1.12 | 1000 | 500 | 1500 | 34 | 927 |
| B-7 | 8.6 | 1.09 | 900 | 700 | 1600 | 43 | 1190 |
| B-8 | 8.5 | 1.34 | 1000 | 800 | 1800 | 50 | 1154 |
| B-9 | 8.8 | 0.99 | 900 | 600 | 1500 | 54 | 1206 |
| B-10 | 8.6 | 1.02 | 900 | 400 | 1300 | 50 | 1160 |
| B-11 | 8.7 | 0.86 | 900 | 700 | 1600 | 52 | 1151 |
| B-12 | 8.6 | 1.21 | 900 | 400 | 1300 | 44 | 1015 |

| Pond | Ca | Mg | Fe | Mn | Cu | Zn | S |
|---|---|---|---|---|---|---|---|
| | | | | (mg/l) | | | |
| B-1 | 16500 | 614 | 13 | 60 | 3.6 | 0.64 | 14 |
| B-2 | 19900 | 604 | 11 | 40 | 3.0 | 0.52 | 15 |
| B-3 | 27600 | 735 | 7 | 44 | 2.9 | 0.58 | 15 |
| B-4 | 40600 | 837 | 11 | 46 | 2.9 | 0.56 | 18 |
| B-5 | 31300 | 787 | 12 | 77 | 3.6 | 0.76 | 15 |
| B-6 | 24700 | 648 | 12 | 47 | 3.1 | 0.74 | 14 |
| B-7 | 19700 | 641 | 10 | 72 | 3.2 | 0.66 | 15 |
| B-8 | 14900 | 535 | 11 | 82 | 3.5 | 0.80 | 24 |
| B-9 | 25600 | 750 | 10 | 65 | 3.9 | 0.84 | 19 |
| B-10 | 29600 | 660 | 10 | 53 | 3.2 | 0.54 | 15 |
| B-11 | 26100 | 678 | 10 | 52 | 3.1 | 0.52 | 15 |
| B-12 | 26500 | 759 | 10 | 73 | 3.5 | 0.54 | 14 |

[1] Extraction solutions: 1 N Ammonium acetate, pH 4.8 (P, K, Ca, Mg); DPTA (Fe, Mn, Cu, Zn).

Table 9. Continued.

| Pond | Na | K | Ca | Mg | C.E.C. | $CaCO_3$ |
|---|---|---|---|---|---|---|
| | (meq/100 g soil) | | | | | (%) |
| B-1 | 1.35 | 2.63 | 48.00 | 3.74 | 22.40 | 3.01 |
| B-2 | 2.52 | 2.91 | 45.36 | 3.73 | 26.20 | 3.57 |
| B-3 | 2.61 | 2.66 | 48.25 | 4.08 | 18.17 | 5.63 |
| B-4 | 3.35 | 2.64 | 47.01 | 3.75 | 20.28 | 8.62 |
| B-5 | 2.26 | 2.60 | 47.55 | 3.90 | 18.59 | 6.18 |
| B-6 | 1.52 | 2.26 | 51.40 | 3.77 | 19.86 | 4.29 |
| B-7 | 1.87 | 2.93 | 48.25 | 3.71 | 22.82 | 3.34 |
| B-8 | 2.00 | 2.84 | 46.01 | 3.32 | 25.36 | 2.89 |
| B-9 | 2.61 | 2.90 | 49.25 | 3.38 | 20.70 | 4.39 |
| B-10 | 2.09 | 2.65 | 47.90 | 3.59 | 17.75 | 5.43 |
| B-11 | 3.17 | 2.63 | 48.00 | 3.50 | 18.59 | 5.83 |
| B-12 | 1.57 | 2.58 | 45.46 | 3.76 | 27.89 | 5.30 |

Table 10. Relationships between mean initial and mean final concentrations of chemical constituents in pond muds during the Cycle I dry and rainy season experiments.

| Variable | Dry Season | Rainy Season | Dry-Rainy Season Comparison |
|---|---|---|---|
| pH | initial > final | initial < final | initial dry = final wet |
| Organic matter | initial > final | initial < final | initial dry = final wet |
| Phosphorus | initial < final | initial = final | initial dry < final wet |
| Potassium | initial < final | initial = final | initial dry < final wet |
| Copper | initial > final | initial = final | initial dry = final wet |
| Manganese | initial = final | initial < final | initial dry < final wet |
| Zinc | initial > final | initial = final | initial dry > final wet |
| Calcium carbonate | initial < final | initial < final | initial dry < final wet |

Table 11. Results of analyses of water samples collected prior to the Cycle I dry season experiment.

| Pond | Ca | Mg | Na | K | Fe | Mn |
|---|---|---|---|---|---|---|
| | (mg/l) | | | | | |
| B-1 | 2.63 | 1.96 | 5.62 | 4.20 | 1.21 | 0.03 |
| B-2 | 4.36 | 1.87 | 8.71 | 4.65 | 1.17 | 0.03 |
| B-3 | 7.92 | 1.81 | 7.00 | 5.10 | 1.46 | 0.03 |
| B-6 | 8.52 | 2.07 | 11.79 | 6.40 | 0.90 | 0.06 |
| B-7 | 14.91 | 2.06 | 3.40 | 4.40 | 1.53 | 0.03 |
| B-8 | 5.26 | 1.98 | 6.02 | 5.50 | 0.98 | 0.05 |
| B-9 | 8.79 | 2.03 | 9.03 | 5.85 | 1.34 | 0.06 |
| B-10 | 8.65 | 1.96 | 6.74 | 5.45 | 1.61 | 0.04 |
| B-11 | 9.44 | 1.65 | 23.07 | 5.45 | 1.29 | 0.02 |
| B-12 | 15.01 | 2.58 | 8.18 | 6.50 | 2.25 | 0.06 |

| Pond | Cu | Zn | B | Cl | $SO_4$ |
|---|---|---|---|---|---|
| | (mg/l) | | | | |
| B-1 | <0.02 | <0.02 | <1.0 | 4.8 | 1.8 |
| B-2 | <0.02 | <0.02 | <1.0 | 4.6 | <1.0 |
| B-3 | <0.02 | <0.02 | <1.0 | 4.6 | <1.0 |
| B-6 | <0.02 | <0.02 | <1.0 | 4.9 | 1.9 |
| B-7 | <0.02 | 0.09 | <1.0 | 4.8 | <1.0 |
| B-8 | <0.02 | <0.02 | <1.0 | 4.4 | 2.5 |
| B-9 | <0.02 | <0.02 | <1.0 | 4.4 | 2.3 |
| B-10 | <0.02 | <0.02 | <1.0 | 4.8 | 6.5 |
| B-11 | <0.02 | <0.02 | <1.0 | 5.0 | 3.0 |
| B-12 | <0.02 | <0.02 | <1.0 | 4.7 | 7.0 |

Table 12. Results of analyses of water samples collected upon completion of the Cycle I dry season experiment.

| Pond | Ca | Mg | Na | K | Fe | Mn |
|---|---|---|---|---|---|---|
| | (mg/l) | | | | | |
| B-1 | 8.9 | 4.5 | 20.3 | 8.6 | 7.1 | 0.33 |
| B-2 | 13.0 | 7.1 | 22.3 | 12.1 | 17.3 | 0.67 |
| B-3 | 12.2 | 4.3 | 24.4 | 9.8 | 4.7 | 0.28 |
| B-6 | 10.6 | 4.7 | 16.0 | 8.0 | 6.5 | 0.23 |
| B-7 | 13.2 | 4.3 | 14.5 | 10.1 | 2.4 | 0.38 |
| B-8 | 12.9 | 5.3 | 21.4 | 11.1 | 8.7 | 0.67 |
| B-9 | 11.7 | 6.2 | 22.3 | 12.0 | 13.4 | 0.51 |
| B-10 | 11.3 | 5.2 | 27.6 | 11.3 | 10.6 | 0.35 |
| B-11 | 9.2 | [illegible].9 | 21.3 | 10.9 | 10.6 | 0.34 |
| B-12 | 19.4 | 26.3 | 17.0 | 12.1 | 12.6 | 1.46 |

| Pond | Cu | Zn | B | Cl | $SO_4$ |
|---|---|---|---|---|---|
| | (mg/l) | | | | |
| B-1 | <0.01 | 0.04 | 0.61 | 7.3 | 4.2 |
| B-2 | 0.03 | 0.05 | 0.63 | 7.5 | 4.2 |
| B-3 | 0.03 | <0.01 | 0.81 | 7.5 | 4.5 |
| B-6 | 0.03 | 0.02 | 0.55 | 8.6 | 6.6 |
| B-7 | <0.01 | <0.01 | 0.61 | 8.3 | 6.6 |
| B-8 | <0.01 | 0.09 | 0.71 | 7.4 | 7.1 |
| B-9 | <0.01 | 0.02 | 0.41 | 7.6 | 6.3 |
| B-10 | 0.03 | 0.09 | 0.11 | 7.7 | 7.4 |
| B-11 | 0.03 | 0.04 | 0.41 | 7.8 | 6.7 |
| B-12 | 0.09 | 0.25 | 0.81 | 7.0 | 6.5 |

Table 13. Results of analyses of water samples collected prior to the Cycle I rainy season experiment.

| Pond | Ca | Mg | Na | K | Fe | Mn |
|---|---|---|---|---|---|---|
| | (mg/l) | | | | | |
| B-1 | 5.0 | 0.90 | 7.5 | 6.3 | 1.61 | <0.1 |
| B-2 | 5.6 | 0.96 | 8.9 | 6.4 | 1.52 | <0.1 |
| B-3 | 6.1 | 1.11 | 10.7 | 7.5 | 1.70 | <0.1 |
| B-4 | 10.0 | 1.43 | 12.5 | 7.8 | 0.73 | 0.2 |
| B-5 | 13.2 | 2.08 | 11.4 | 8.0 | 1.01 | 0.3 |
| B-6 | 10.7 | 1.72 | 8.9 | 7.0 | 1.62 | <0.1 |
| B-7 | 5.1 | 0.82 | 8.6 | 6.8 | 0.87 | <0.1 |
| B-8 | 5.6 | 1.02 | 9.7 | 7.2 | 1.46 | 0.1 |
| B-9 | 8.0 | 1.55 | 11.6 | 7.9 | 1.62 | 0.1 |
| B-10 | 8.0 | 1.67 | 11.8 | 8.4 | 2.23 | 0.2 |
| B-11 | 5.7 | 1.28 | 10.0 | 7.0 | 2.01 | <0.1 |
| B-12 | 5.6 | 1.16 | 8.2 | 6.5 | 1.78 | <0.1 |

| Pond | Cu | Zn | B | Cl | $SO_4$ |
|---|---|---|---|---|---|
| | (mg/l) | | | | |
| B-1 | <0.1 | <0.1 | 0.3 | 7 | <10 |
| B-2 | <0.1 | <0.1 | <0.1 | 7 | <10 |
| B-3 | <0.1 | <0.1 | <0.1 | 5 | <10 |
| B-4 | <0.1 | <0.1 | 1.0 | 7 | <10 |
| B-5 | <0.1 | <0.1 | <0.1 | 5 | <10 |
| B-6 | <0.1 | <0.1 | <0.1 | 5 | <10 |
| B-7 | <0.1 | <0.1 | 1.3 | 6 | <10 |
| B-8 | <0.1 | <0.1 | <0.1 | 9 | <10 |
| B-9 | <0.1 | <0.1 | <0.1 | 19 | <10 |
| B-10 | <0.1 | <0.1 | <0.1 | 8 | <10 |
| B-11 | <0.1 | <0.1 | <0.1 | 5 | <10 |
| B-12 | <0.1 | <0.1 | <0.1 | 6 | <10 |

Table 14. Results of analyses of water samples collected upon completion of the Cycle I rainy season experiment.

| Pond | Ca | Mg | Na | K | Fe | Mn |
|---|---|---|---|---|---|---|
| | (mg/l) | | | | | |
| B-1 | 11.1 | 1.78 | 12.1 | 7.9 | 0.67 | 0.15 |
| B-2 | 14.1 | 2.36 | 21.5 | 9.8 | 0.60 | 0.12 |
| B-3 | 15.5 | 2.36 | 23.5 | 9.8 | 0.66 | 0.12 |
| B-4 | 31.2 | 3.24 | 35.5 | 11.1 | 0.35 | 0.20 |
| B-5 | 17.8 | 2.76 | 28.5 | 10.1 | 0.87 | 0.40 |
| B-6 | 18.9 | 2.48 | 11.8 | 8.3 | 0.47 | 0.18 |
| B-7 | 14.2 | 2.14 | 13.8 | 8.9 | 0.55 | 0.19 |
| B-8 | 14.9 | 2.50 | 20.3 | 12.1 | 0.88 | 0.20 |
| B-9 | 20.5 | 2.86 | 24.2 | 10.4 | 0.56 | 0.15 |
| B-10 | 18.5 | 2.84 | 30.5 | 10.4 | 0.94 | 0.38 |
| B-11 | 14.0 | 2.26 | 31.5 | 9.6 | 0.84 | 0.16 |
| B-12 | 14.1 | 2.18 | 13.1 | 8.8 | 0.93 | 0.20 |

| Pond | Cu | Zn | B | Cl | $SO_4$ |
|---|---|---|---|---|---|
| | (mg/l) | | | | |
| B-1 | <0.1 | <0.1 | 0.7 | 24 | <10 |
| B-2 | <0.1 | <0.1 | <0.1 | 10 | <10 |
| B-3 | <0.1 | <0.1 | <0.1 | 11 | <10 |
| B-4 | <0.1 | <0.1 | 1.5 | 9 | <10 |
| B-5 | <0.1 | <0.1 | <0.1 | 8 | <10 |
| B-6 | <0.1 | <0.1 | <0.1 | 10 | <10 |
| B-7 | <0.1 | <0.1 | 0.2 | 10 | <10 |
| B-8 | <0.1 | <0.1 | <0.1 | 13 | <10 |
| B-9 | <0.1 | <0.1 | <0.1 | 8 | <10 |
| B-10 | <0.1 | <0.1 | <0.1 | 9 | <10 |
| B-11 | <0.1 | <0.1 | <0.1 | 8 | <10 |
| B-12 | <0.1 | <0.1 | <0.1 | 11 | <10 |

Table 15. Relationships between mean initial and mean final concentrations of chemical variables in pond waters during the Cycle I dry and rainy season experiments.

| Variable | Dry Season | Rainy Season | Initial Values | Final Values |
|---|---|---|---|---|
| Calcium | initial = final | initial < final | --- | --- |
| Magnesium | initial < final | initial < final | dry = rainy | dry > rainy |
| Sodium | initial < final | initial < final | dry < rainy | dry = rainy |
| Potassium | initial = final | initial < final | dry < rainy | dry = rainy |
| Iron | initial < final | initial = final | --- | dry > rainy |
| Manganese | initial < final | initial = final | --- | dry > rainy |
| Boron | initial = final | initial = final | --- | initial = final |

Table 16. Mean monthly total solar radiation (g-cal/cm$^2$ per day) and photosynthetically active solar radiation (E/m$^2$ per day) during the Cycle I dry and rainy season experiments.

| Time Period | Total Solar Radiation | Time Period | Photosynthetically Active Solar Radiation |
|---|---|---|---|
| 13 - 31 January 1984 | 402.1 | --- | --- |
| 1 - 29 February 1984 | 427.6 | --- | --- |
| 1 - 31 March 1984 | 476.1 | --- | --- |
| 1 - 30 April 1984 | 489.9 | --- | --- |
| 1 - 31 May 1984 | 443.0 | --- | --- |
| 1 - 15 June 1984 | 451.9 | --- | --- |
| 11 - 31 July 1984 | 437.2 | --- | --- |
| 1 - 31 August 1984 | 424.9 | --- | --- |
| 1 - 30 September 1984 | 406.4 | 21 - 30 September 1984 | 42.83 |
| 1 - 31 October 1984 | 434.5 | 1 -31 October 1984 | 47.02 |
| 1 - 30 November 1984 | 379.5 | 1 - 30 November 1984 | 37.47 |
| 1 - 10 December 1984 | 366.1 | 1 - 11 December 1984 | 34.30 |

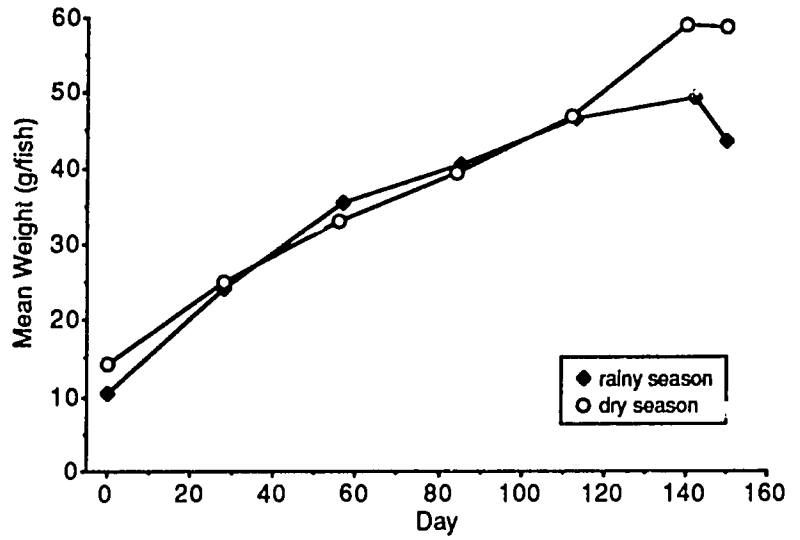


Figure 1. Growth of male *Oreochromis niloticus* (10,000/ha) in ponds during the Cycle I dry and rainy season experiments.

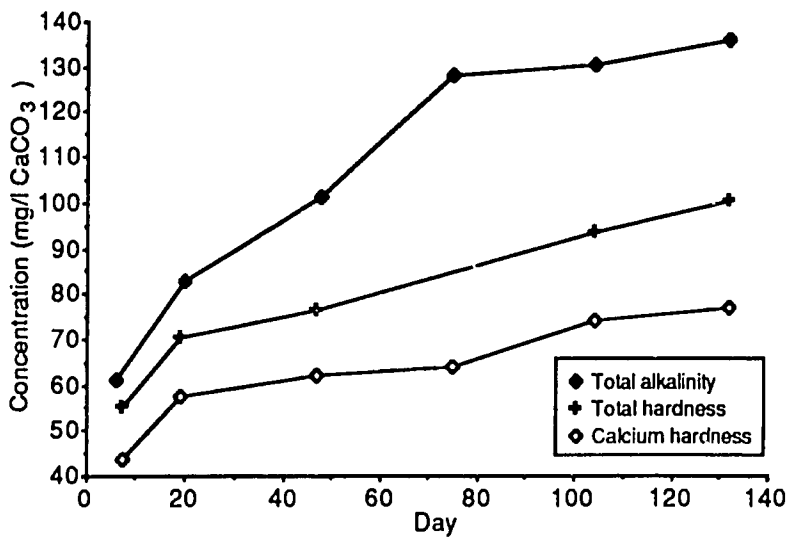


Figure 2. Mean total alkalinity, total hardness, and calcium hardness in ponds during the Cycle I dry season experiment.

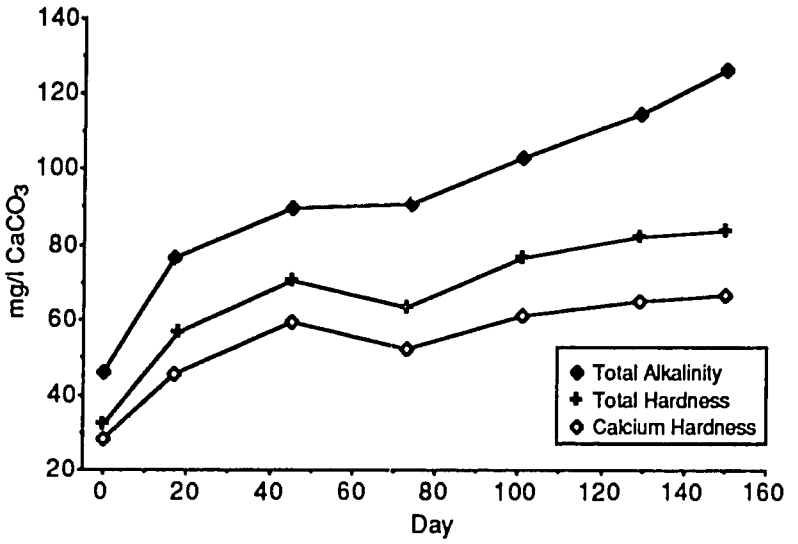


Figure 3. Mean total alkalinity, total hardness, and calcium hardness in ponds during the Cycle I rainy season experiment.

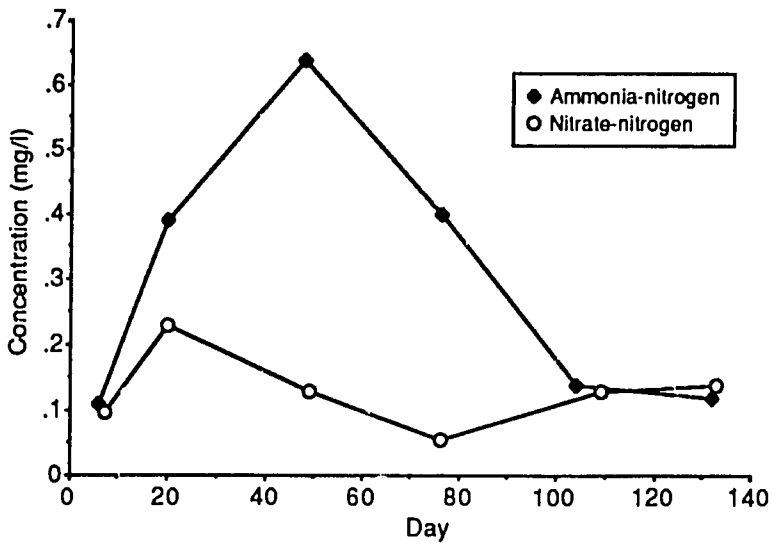


Figure 4. Mean ammonia-nitrogen and nitrate-nitrogen in ponds during the Cycle I dry season experiment.

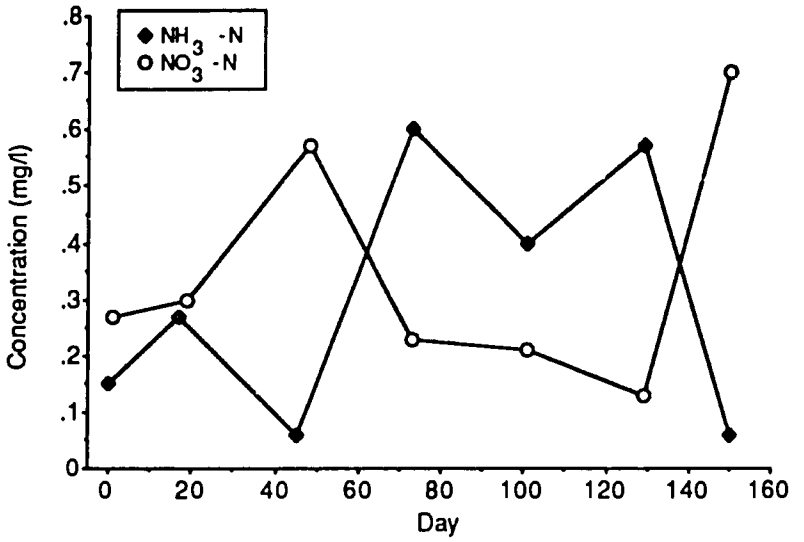


Figure 5. Mean ammonia-nitrogen and nitrate-nitrogen in ponds during the Cycle I rainy season experiment.

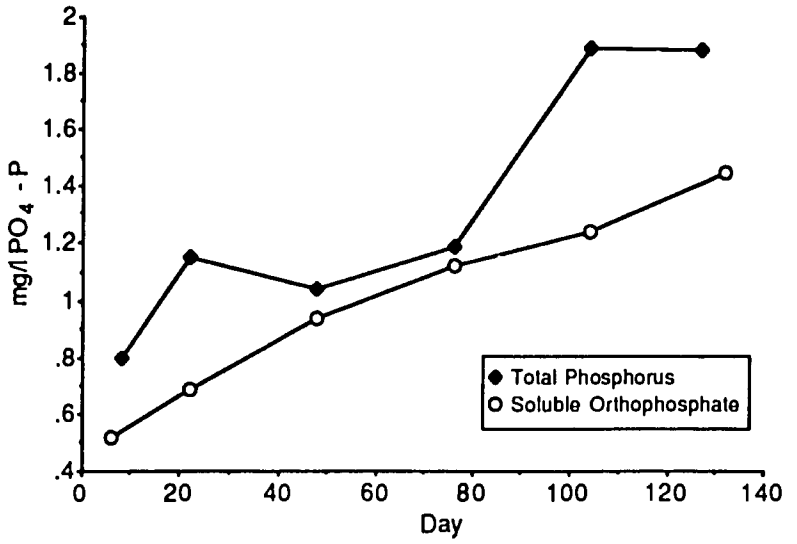


Figure 6. Mean total phosphorus and soluble orthophosphate in ponds during the Cycle I dry season experiment.

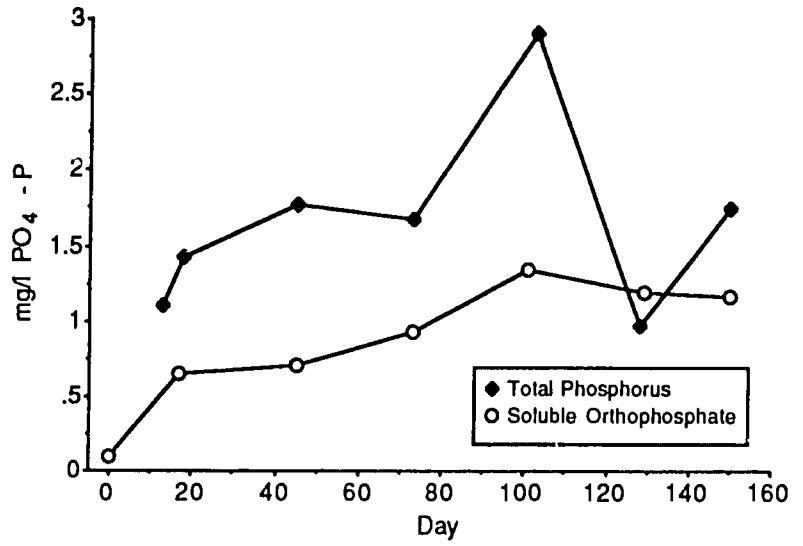


Figure 7. Mean total phosphorus and soluble orthophosphate in ponds during the Cycle I rainy season experiment.

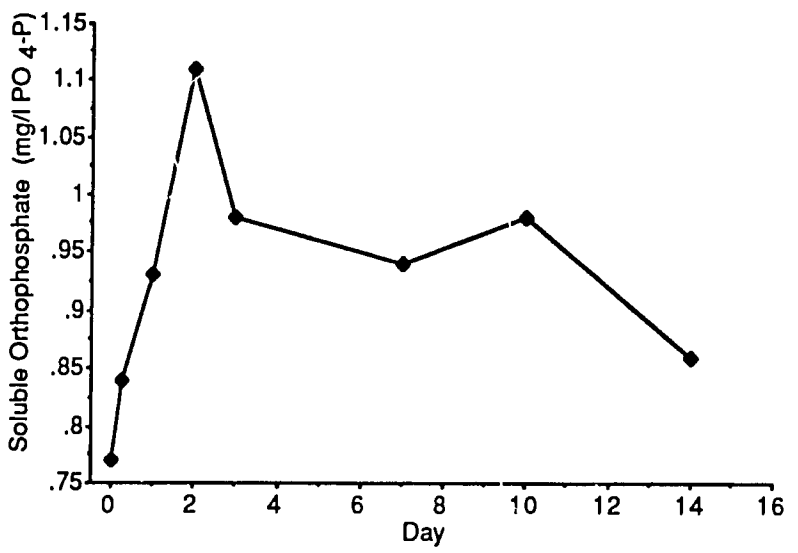


Figure 8. Example of change in mean soluble orthophosphate concentration in ponds over 14 days after fertilization with triple superphosphate (day 0), during the Cycle I dry and rainy season experiments..

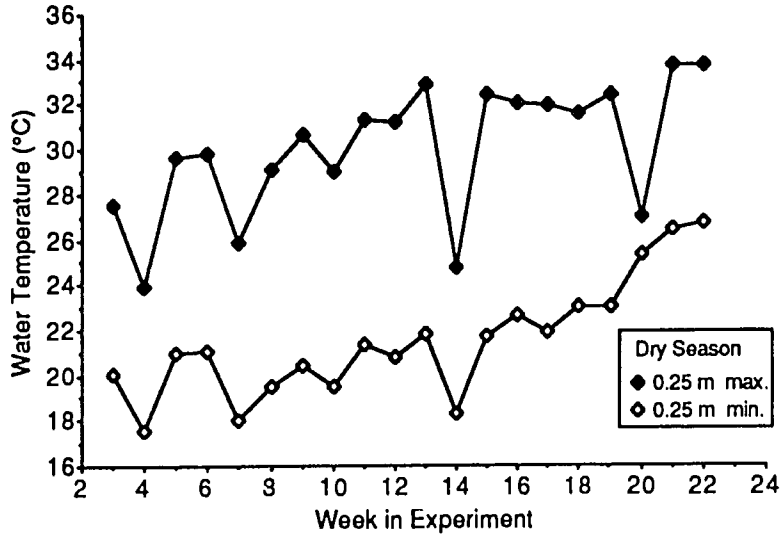


Figure 9. Mean weekly maximum - minimum water temperature at 0.25-m depth in ponds during the Cycle I dry season experiment.

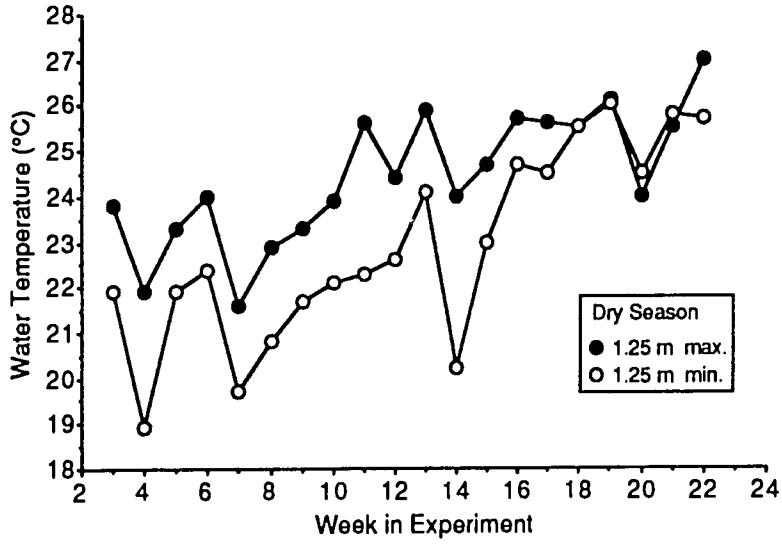


Figure 10. Mean weekly maximum - minimum water temperature at 1.25-m depth in ponds during the Cycle I dry season experiment.

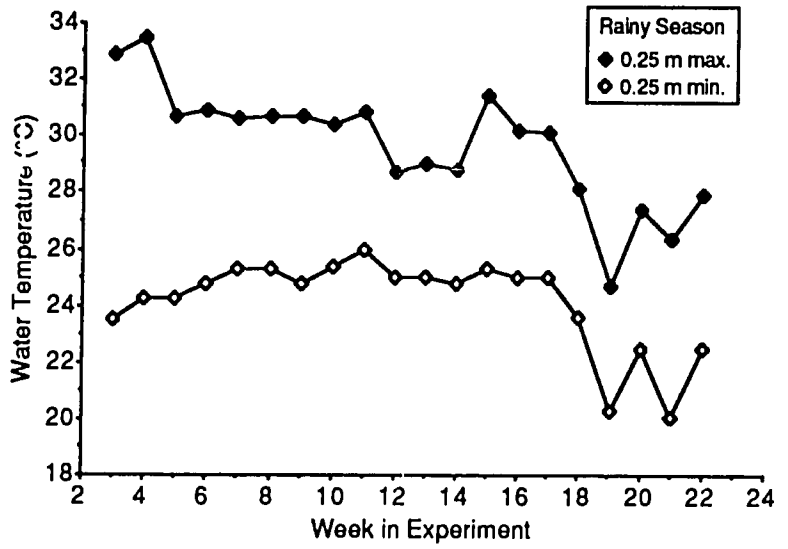


Figure 11. Mean weekly maximum - minimum water temperature at 0.25-m depth in ponds during the Cycle I rainy season experiment.

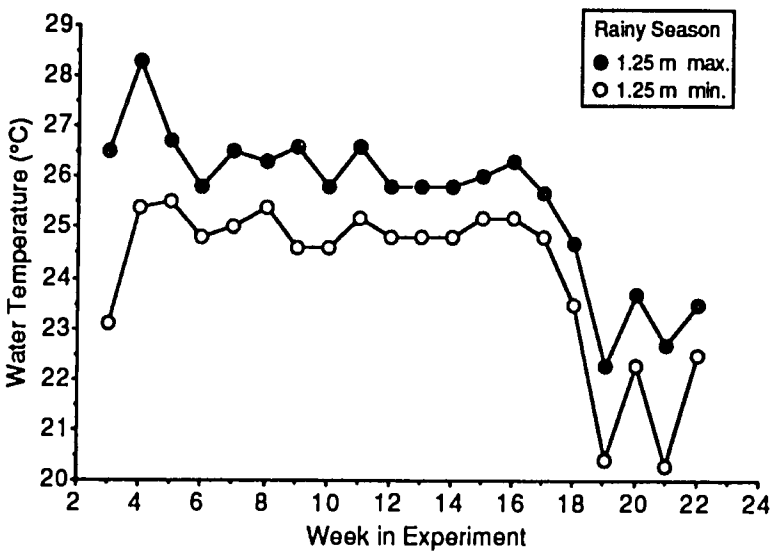


Figure 12. Mean weekly maximum - minimum water temperature at 1.25-m depth in ponds during the Cycle I rainy season experiment.

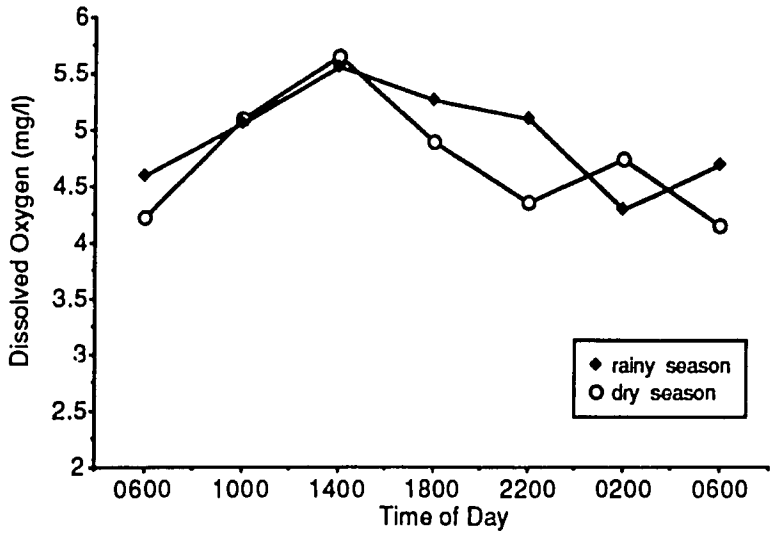


Figure 13. Mean diurnal change in dissolved oxygen in ponds during the Cycle I dry and rainy season experiments. Time of day in 24-hour time system.

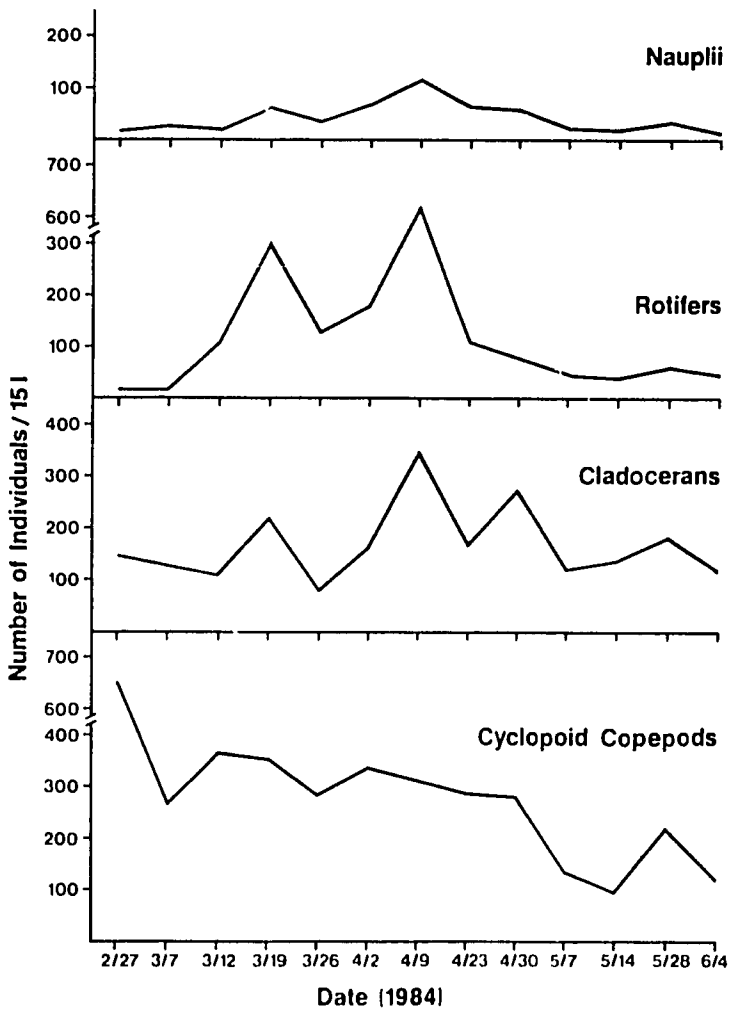


Figure 14. Zooplankton dynamics in ponds during the Cycle I dry season experiment.

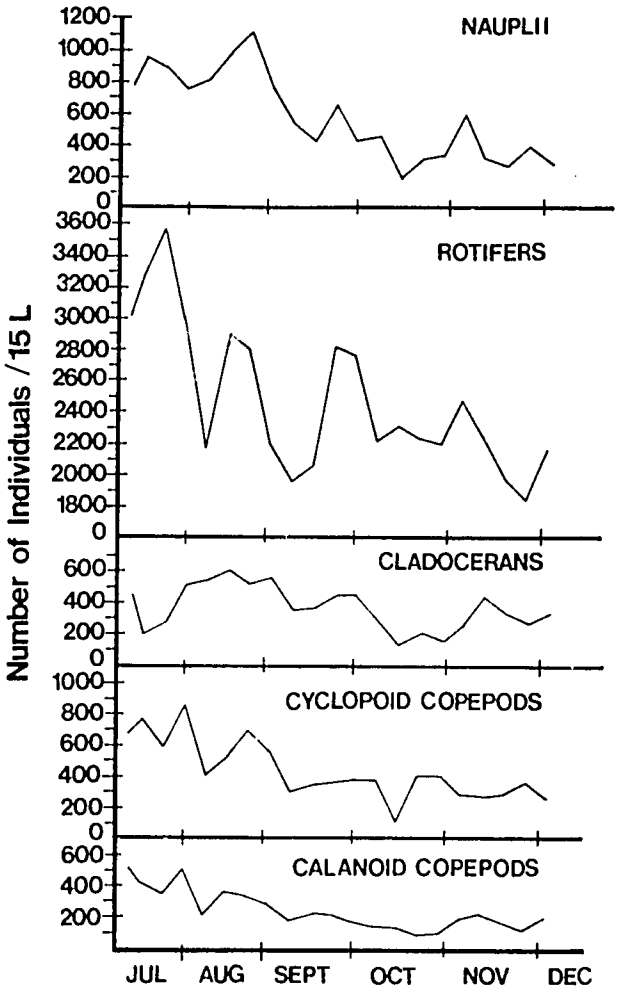


Figure 15. Zooplankton dynamics in ponds during the Cycle I rainy season experiment.

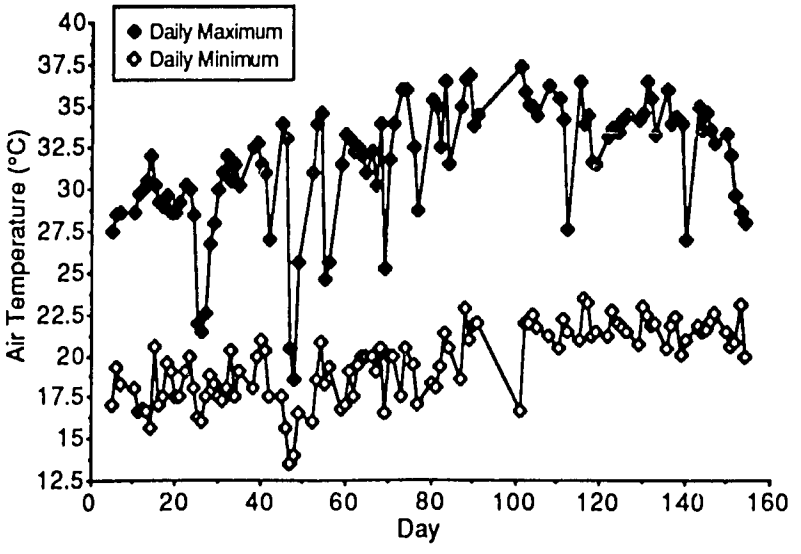


Figure 16. Mean daily maximum - minimum air temperatures during the Cycle I dry season experiment.

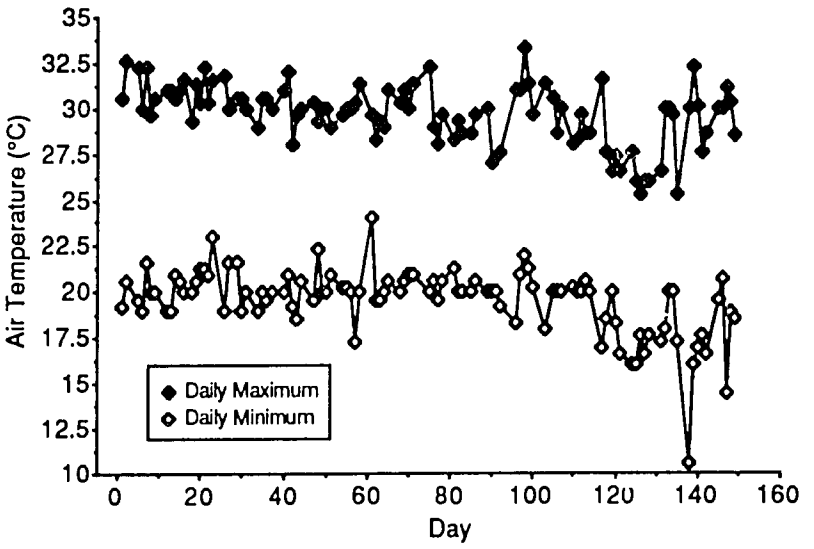


Figure 17. Mean daily maximum - minimum air temperatures during the Cycle I rainy season experiment.

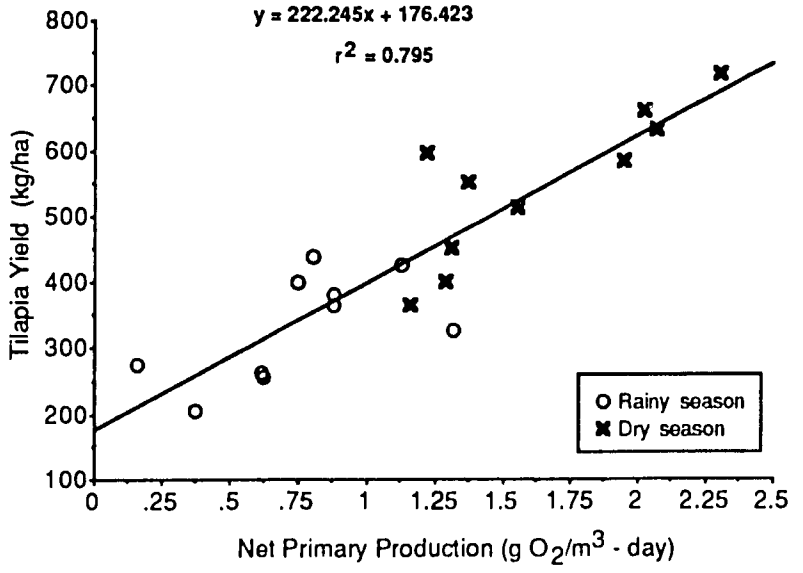


Figure 18. Relationship between mean tilapia yield and net primary productivity in ponds during the Cycle I dry and rainy season experiments.

# APPENDIX.

## Complete Set of Data from Cycle I of the Pond/Dynamics Aquaculture CRSP in Honduras.


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Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND | ATEMPMAX | ATEMPMIN |
|---|---|---|---|---|---|---|---|---|
| 13 | 1 | 1984 | 0. | 417.3 | | 15.4 | | |
| 14 | 1 | 1984 | | 302.3 | | 14. | | |
| 15 | 1 | 1984 | 0.18 | 298.1 | | 17. | | |
| 16 | 1 | 1984 | 0. | 451.3 | | 18.1 | | |
| 17 | 1 | 1984 | 0. | 259.7 | | 8.3 | 27.5 | 17. |
| 18 | 1 | 1984 | 0. | 404.5 | | 9.8 | 28.5 | 19.3 |
| 19 | 1 | 1984 | 0.16 | 361.9 | | 15.4 | 28.6 | 18.3 |
| 20 | 1 | 1984 | | 468.4 | | 15.4 | | |
| 21 | 1 | 1984 | | 370.4 | | 18.1 | | |
| 22 | 1 | 1984 | 0.25 | 351.1 | | 16.6 | 28.6 | 18. |
| 23 | 1 | 1984 | 0. | 468.4 | | 8.3 | 29.8 | 16.6 |
| 24 | 1 | 1984 | 0. | 447.1 | | 7. | 30. | 16.8 |
| 25 | 1 | 1984 | 0. | 430.1 | | 7. | 30.5 | 16.6 |
| 26 | 1 | 1984 | 0. | 417.3 | | 10. | 32. | 15.6 |
| 27 | 1 | 1984 | | 451.3 | | 7. | 30.3 | 20.6 |
| 28 | 1 | 1984 | | 425.8 | | 12.5 | 29.3 | 17. |
| 29 | 1 | 1984 | 0.103 | 476.9 | | 15.4 | 29. | 17.5 |
| 30 | 1 | 1984 | 0. | 336.4 | | 8.3 | 29.6 | 19.6 |
| 31 | 1 | 1984 | 0. | 502.4 | | 10. | 28.6 | 19. |
| 1 | 2 | 1984 | | 434.3 | | 15.4 | 28.6 | 17.5 |
| 2 | 2 | 1984 | 0. | 451.3 | | 10. | 29.3 | 17.5 |
| 3 | 2 | 1984 | 0. | 515.2 | | 7. | 30.3 | 19. |
| 4 | 2 | 1984 | 0. | 511. | | 12.5 | 30. | 20. |
| 5 | 2 | 1984 | 0.36 | 489.7 | | 15.4 | 28.5 | 18. |
| 6 | 2 | 1984 | 0. | 289.5 | | 18.1 | 22. | 16.3 |
| 7 | 2 | 1984 | 0. | 289.5 | | 26.4 | 21.5 | 16. |
| 8 | 2 | 1984 | 0. | 242.7 | | 24. | 22.6 | 17.5 |
| 9 | 2 | 1984 | 0.024 | 327.9 | | 18.1 | 26.8 | 18.8 |
| 10 | 2 | 1984 | 0. | 400.2 | | 14. | 28. | 18.3 |
| 11 | 2 | 1984 | 0. | 545. | | 10. | 30. | 17.5 |
| 12 | 2 | 1984 | 0. | 408.8 | | 7. | 31. | 17.3 |
| 13 | 2 | 1984 | 0. | 511. | | 8.3 | 32. | 18. |
| 14 | 2 | 1984 | 0.6 | 502.4 | | 8.3 | 30.6 | 20.3 |
| 15 | 2 | 1984 | 0. | 502.4 | | 7. | 31.5 | 17.5 |
| 16 | 2 | 1984 | 0. | 506.7 | | 11. | 30.3 | 19. |
| 17 | 2 | 1984 | 0. | 379. | | 15.4 | | |
| 18 | 2 | 1984 | 0. | 523.7 | | 7. | | |
| 19 | 2 | 1984 | 0. | 519.5 | | 7. | 32.5 | 18. |
| 20 | 2 | 1984 | 0. | 476.9 | | 6. | 32.8 | 20. |
| 21 | 2 | 1984 | 0. | 476.9 | | 10. | 31.6 | 21. |
| 22 | 2 | 1984 | 0. | 498.2 | | 14. | 31. | 20.3 |
| 23 | 2 | 1984 | 0. | 383.2 | | 12.5 | 27. | 17.6 |
| 24 | 2 | 1984 | 0. | 519.5 | | 6. | | |
| 25 | 2 | 1984 | | 391.7 | | 10. | | |
| 26 | 2 | 1984 | | | | 10. | 34. | 17.5 |
| 27 | 2 | 1984 | 0.176 | 481.2 | | 12.5 | 33. | 15.7 |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND | ATEMPMAX | ATEMPMIN |
|---|---|---|---|---|---|---|---|---|
| 28 | 2 | 1984 | 0. | 178.8 | | 22.2 | 20.5 | 13.5 |
| 29 | 2 | 1984 | 0. | 217.2 | | 20.8 | 18.5 | 14. |
| 1 | 3 | 1984 | 0. | 481.2 | | 15.4 | 25.6 | 16.5 |
| 2 | 3 | 1984 | 0. | | | 8.3 | | |
| 3 | 3 | 1984 | 0. | 511. | | 11. | | |
| 4 | 3 | 1984 | 0. | 498.2 | | 8.3 | 31. | 16. |
| 5 | 3 | 1984 | 0. | 438.6 | | 8.3 | 34. | 18.6 |
| 6 | 3 | 1984 | 0. | 425.8 | | 10. | 34.6 | 20.8 |
| 7 | 3 | 1984 | 0.054 | 247. | | 17. | 24.6 | 18.3 |
| 8 | 3 | 1984 | 0.033 | 417.3 | | 18.1 | 25.6 | 19.3 |
| 9 | 3 | 1984 | 0. | 322.1 | | 17. | | |
| 10 | 3 | 1984 | | | | 11. | | |
| 11 | 3 | 1984 | | | | 7. | 31.6 | 16.8 |
| 12 | 3 | 1984 | 0. | 493.9 | | 6. | 33.3 | 17. |
| 13 | 3 | 1984 | 0. | 579.1 | | 8.3 | 33. | 19. |
| 14 | 3 | 1984 | 0. | 540.8 | | 7. | 32.3 | 17.6 |
| 15 | 3 | 1984 | 0. | 528. | | 12.5 | 32.5 | 19.5 |
| 16 | 3 | 1984 | 0. | 549.3 | | 12.5 | 32. | 20. |
| 17 | 3 | 1984 | 0. | 536.5 | | 14. | 31. | 20. |
| 18 | 3 | 1984 | 0. | 511. | | 8.3 | 32.3 | 20. |
| 19 | 3 | 1984 | 0. | 425.8 | | 8.3 | 30.3 | 19.1 |
| 20 | 3 | 1984 | 0. | 417.3 | | 11. | 34. | 20.5 |
| 21 | 3 | 1984 | 0. | 315.1 | | 14. | 25.2 | 16.5 |
| 22 | 3 | 1984 | 0. | 536.5 | | 10. | 31.8 | 20. |
| 23 | 3 | 1984 | 0. | 468.4 | | 10. | 34. | 20. |
| 24 | 3 | 1984 | | 442.8 | | 7. | | |
| 25 | 3 | 1984 | 0.059 | 553.5 | | 6. | 36. | 17.5 |
| 26 | 3 | 1984 | 0. | 511. | | 6. | 36. | 20.5 |
| 27 | 3 | 1984 | 0. | 562.1 | | 11. | | |
| 28 | 3 | 1984 | 0. | 545. | | 12.5 | 32.6 | 19.5 |
| 29 | 3 | 1984 | 0. | 383.2 | | 14. | 28.8 | 17.1 |
| 30 | 3 | 1984 | 0. | 519.5 | | 8.3 | | |
| 31 | 3 | 1984 | 0. | 570.6 | | 7. | | |
| 1 | 4 | 1984 | 0. | 553.5 | | 9. | 35.3 | 18.3 |
| 2 | 4 | 1984 | 0. | 493.8 | | 5.3 | 35. | 18.1 |
| 3 | 4 | 1984 | 0. | 545. | | 8. | 32.5 | 19.3 |
| 4 | 4 | 1984 | 0. | 519.5 | | 7. | 36.5 | 21.3 |
| 5 | 4 | 1984 | 0.027 | 465.3 | | 16. | 31.6 | 20.5 |
| 6 | 4 | 1984 | 0. | 451.3 | | 14.2 | | |
| 7 | 4 | 1984 | 0. | 574.8 | | 7. | | |
| 8 | 4 | 1984 | 0. | 591.9 | | 16. | 35. | 18.6 |
| 9 | 4 | 1984 | 0. | 502.4 | | 7. | 36.6 | 22.8 |
| 10 | 4 | 1984 | 0. | 459.9 | | 8.3 | 36.8 | 21. |
| 11 | 4 | 1984 | 0. | 545. | | 12.5 | 33.8 | 21.8 |
| 12 | 4 | 1984 | 0. | 442.8 | | 9.1 | 34.5 | 22. |
| 13 | 4 | 1984 | | 438.6 | | 10. | | |
| 14 | 4 | 1984 | | 519.5 | | 8.3 | | |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND | ATEMPMAX | ATEMPMIN |
|---|---|---|---|---|---|---|---|---|
| 15 | 4 | 1984 | | 349.2 | | 7. | | |
| 16 | 4 | 1984 | 0. | | | 16. | | |
| 17 | 4 | 1984 | 0. | 430.1 | | 15. | | |
| 18 | 4 | 1984 | 0. | 476.9 | | 12.5 | | |
| 19 | 4 | 1984 | 0. | 485.4 | | 4.5 | | |
| 20 | 4 | 1984 | 0. | 536.5 | | 7. | | |
| 21 | 4 | 1984 | 0. | 545. | | 8. | | |
| 22 | 4 | 1984 | 0. | 540.8 | | 8. | 37.3 | 16.6 |
| 23 | 4 | 1984 | 0.213 | 494. | | 8. | 35.8 | 22. |
| 24 | 4 | 1984 | 0.02 | 442.8 | | 6. | 35.1 | 22. |
| 25 | 4 | 1984 | 0. | 459.9 | | 7.4 | 35. | 22.5 |
| 26 | 4 | 1984 | 0. | 485.4 | | 9.1 | 34.5 | 21.7 |
| 27 | 4 | 1984 | 0. | 485.4 | | 8. | | |
| 28 | 4 | 1984 | 0. | 511. | | 6. | | |
| 29 | 4 | 1984 | 0. | 451.3 | | 9. | 36.2 | 21.2 |
| 30 | 4 | 1984 | 0. | 408.8 | | 6. | | |
| 1 | 5 | 1984 | 0. | 485.4 | | 6. | 35.5 | 20.5 |
| 2 | 5 | 1984 | 0. | 489.7 | | 8.3 | 34.2 | 22.2 |
| 3 | 5 | 1984 | 0. | 519.5 | | 12.5 | 27.7 | 21.5 |
| 4 | 5 | 1984 | 0. | 519.5 | | 12.5 | | |
| 5 | 5 | 1984 | 0. | 476.9 | | 6. | | |
| 6 | 5 | 1984 | 0. | 459.9 | | 12.5 | 36.5 | 21. |
| 7 | 5 | 1984 | 0. | 434.3 | | 10. | 34. | 23.5 |
| 8 | 5 | 1984 | 0. | 391.7 | | 6. | 34.5 | 23.2 |
| 9 | 5 | 1984 | 0. | 425.8 | | 14. | 31.7 | 21.2 |
| 10 | 5 | 1984 | 0.61 | 502.4 | | 11. | 31.5 | 21.5 |
| 11 | 5 | 1984 | | 451.3 | | 14. | | |
| 12 | 5 | 1984 | | 374.7 | | 7. | | |
| 13 | 5 | 1984 | 0.05 | 417.3 | | 8.3 | 33.2 | 21.2 |
| 14 | 5 | 1984 | 0. | 417.3 | | 7. | 33.7 | 22.7 |
| 15 | 5 | 1984 | 0.025 | 366.2 | | 6. | 33.5 | 22. |
| 16 | 5 | 1984 | 0.145 | 391.7 | | 6. | 34.2 | 21.7 |
| 17 | 5 | 1984 | 0.109 | 468.4 | | 8.3 | 34.5 | 21.5 |
| 18 | 5 | 1984 | 0. | 536.5 | | 10. | | |
| 19 | 5 | 1984 | 0. | 545. | | 8.3 | | |
| 20 | 5 | 1984 | 0. | 528. | | 8.3 | 34.2 | 20.7 |
| 21 | 5 | 1984 | 0. | 417.3 | | 4.2 | 34.6 | 23. |
| 22 | 5 | 1984 | 0.13 | 502.4 | | 6. | 36.5 | 22.5 |
| 23 | 5 | 1984 | 0.01 | 417.3 | | 4.2 | 35.5 | 21.8 |
| 24 | 5 | 1984 | 0. | 408.8 | | 11. | 33.3 | 22. |
| 25 | 5 | 1984 | | 391.7 | | 10. | | |
| 26 | 5 | 1984 | | 425.8 | | 8.3 | | |
| 27 | 5 | 1984 | 2.6 | 587.6 | | 7. | 36. | 20.5 |
| 28 | 5 | 1984 | 0.048 | 332.1 | | 8.3 | 34. | 21.8 |
| 29 | 5 | 1984 | 1.54 | 468.4 | | 6. | 34.3 | 22.3 |
| 30 | 5 | 1984 | 5.067 | 340.6 | | 8.3 | 34. | 20.1 |
| 31 | 5 | 1984 | 1.817 | 238.4 | | 11. | 27. | 21. |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND | ATEMPMAX | ATEMPMIN |
|---|---|---|---|---|---|---|---|---|
| 1 | 6 | 1984 | | 519.5 | | 13.1 | | |
| 2 | 6 | 1984 | | 536.5 | | 9. | | |
| 3 | 6 | 1984 | 0.383 | 468.4 | | 8. | 35. | 21.8 |
| 4 | 6 | 1984 | 0.8 | 451.3 | | 5.3 | 33.6 | 21.5 |
| 5 | 6 | 1984 | 0.05 | 528. | | 7. | 34.6 | 21.6 |
| 6 | 6 | 1984 | 0. | 562. | | 6. | 33.6 | 22.1 |
| 7 | 6 | 1984 | 1.109 | 519.5 | | 14. | 32.8 | 22.6 |
| 8 | 6 | 1984 | | 442.8 | | 7. | | |
| 9 | 6 | 1984 | | 562. | | 5.1 | | |
| 10 | 6 | 1984 | 0.143 | 391.7 | | 8.2 | 33.3 | 21.5 |
| 11 | 6 | 1984 | 1.25 | 417.3 | | 7. | 32.1 | 20.6 |
| 12 | 6 | 1984 | 0.5 | 425.8 | | 5. | 29.6 | 20.8 |
| 13 | 6 | 1984 | 1.283 | 264. | | 6. | 28.6 | 23.1 |
| 14 | 6 | 1984 | | 247. | | 6. | 28. | 20. |
| 15 | 6 | 1984 | | 442.8 | | 7. | | |
| 16 | 6 | 1984 | | | | 8. | | |
| 17 | 6 | 1984 | | | | 9.1 | | |
| 18 | 6 | 1984 | | | | 11. | | |
| 19 | 6 | 1984 | | | | 11. | | |
| 20 | 6 | 1984 | | | | 10.1 | | |
| 21 | 6 | 1984 | | | | 11. | | |
| 22 | 6 | 1984 | | | | 12. | | |
| 23 | 6 | 1984 | | | | 10.1 | | |
| 24 | 6 | 1984 | | | | 9.3 | | |
| 25 | 6 | 1984 | | | | 8.5 | | |
| 26 | 6 | 1984 | | | | 11. | | |
| 27 | 6 | 1984 | | | | 8. | | |
| 28 | 6 | 1984 | | | | 10.1 | | |
| 29 | 6 | 1984 | | | | 11. | | |
| 30 | 6 | 1984 | | | | 8. | | |
| 31 | 6 | 1984 | | | | | | |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND |
|---|---|---|---|---|---|---|
| 11 | 7 | 1984 | | 382.8 | 0.03 | 6.7 |
| 12 | 7 | 1984 | | 485.4 | 0. | 7.3 |
| 13 | 7 | 1984 | | 493.9 | 0. | 8. |
| 14 | 7 | 1984 | | 511. | 0. | 6.1 |
| 15 | 7 | 1984 | | 468.3 | 0.03 | 13. |
| 16 | 7 | 1984 | | 511. | 0.75 | 12. |
| 17 | 7 | 1984 | | 442.8 | 0.02 | 8.7 |
| 18 | 7 | 1984 | | 391.7 | 0.04 | 6.8 |
| 19 | 7 | 1984 | | 425.8 | 0.38 | 12. |
| 20 | 7 | 1984 | | 383.2 | | 6.2 |
| 21 | 7 | 1984 | | 391.7 | | 9.2 |
| 22 | 7 | 1984 | | 374.7 | 1.52 | |
| 23 | 7 | 1984 | | 476.9 | 0. | 5.5 |
| 24 | 7 | 1984 | | 374.7 | 0. | 6.7 |
| 25 | 7 | 1984 | | 459.8 | 0. | 9.8 |
| 26 | 7 | 1984 | | 434.3 | 1.61 | 10.8 |
| 27 | 7 | 1984 | | 442.8 | | 16.6 |
| 28 | 7 | 1984 | | 493.9 | | 8.4 |
| 29 | 7 | 1984 | | 357.6 | 1.51 | 7.4 |
| 30 | 7 | 1984 | | 442.8 | 0.03 | 5.5 |
| 31 | 7 | 1984 | | 476.9 | 1.01 | 9.6 |
| 1 | 8 | 1984 | | 468.4 | 0.25 | 9.5 |
| 2 | 8 | 1984 | | 485.4 | 0.15 | 7.3 |
| 3 | 8 | 1984 | | 340.6 | | 3.2 |
| 4 | 8 | 1984 | | 468.4 | | 6.8 |
| 5 | 8 | 1984 | | 485.4 | 0.56 | 10.6 |
| 6 | 8 | 1984 | | 408.8 | 0.02 | 8.1 |
| 7 | 8 | 1984 | | 468.4 | 0. | 9.4 |
| 8 | 8 | 1984 | | 408.8 | 0. | 8.7 |
| 9 | 8 | 1984 | | 476.9 | 0. | 7.4 |
| 10 | 8 | 1984 | | 391.7 | 2.03 | 10.9 |
| 11 | 8 | 1984 | | 391.7 | | 10.6 |
| 12 | 8 | 1984 | | 289.5 | | 6.7 |
| 13 | 8 | 1984 | | 374.7 | 0.14 | 6.3 |
| 14 | 8 | 1984 | | 460.8 | 0. | 8.4 |
| 15 | 8 | 1984 | | 485.4 | 0. | 9.8 |
| 16 | 8 | 1984 | | 451.4 | 0.47 | 10.1 |
| 17 | 8 | 1984 | | 485.4 | 3.04 | 7.7 |
| 18 | 8 | 1984 | | 476.9 | | 7. |
| 19 | 8 | 1984 | | 400.2 | | 6.2 |
| 20 | 8 | 1984 | | 442.8 | 0.46 | 7.4 |
| 21 | 8 | 1984 | | 281. | 0.15 | 5.9 |
| 22 | 8 | 1984 | | 374.7 | 0.05 | 8.1 |
| 23 | 8 | 1984 | | 442.8 | 0.22 | 9.8 |
| 24 | 8 | 1984 | | 511. | 0.74 | 9.1 |
| 25 | 8 | 1984 | | 451.4 | | 7.8 |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND |
|---|---|---|---|---|---|---|
| 26 | 8 | 1984 | | 425.8 | | 8.7 |
| 27 | 8 | 1984 | | 408.8 | 0.04 | 11. |
| 28 | 8 | 1984 | | | 0.54 | 10.5 |
| 29 | 8 | 1984 | | 434.3 | 0.17 | 9.2 |
| 30 | 8 | 1984 | | 374.7 | 0.3 | 7.7 |
| 31 | 8 | 1984 | | 383.2 | | 7.7 |
| 1 | 9 | 1984 | | 366.2 | 6.09 | 8.8 |
| 2 | 9 | 1984 | | 357.7 | | 5.3 |
| 3 | 9 | 1984 | | 340.6 | 0.29 | 8.1 |
| 4 | 9 | 1984 | | 298.1 | 2. | 6.8 |
| 5 | 9 | 1984 | | 511. | 0.38 | 9.5 |
| 6 | 9 | 1984 | | 545. | 0. | 7.3 |
| 7 | 9 | 1984 | | 459.9 | 3.67 | 7.3 |
| 8 | 9 | 1984 | | 391.7 | | 6.2 |
| 9 | 9 | 1984 | | 281. | | 5. |
| 10 | 9 | 1984 | | 306.6 | 0.52 | 8.7 |
| 11 | 9 | 1984 | | 374.7 | 0.13 | 8.7 |
| 12 | 9 | 1984 | | 442.8 | 0.76 | 6.2 |
| 13 | 9 | 1984 | | 383.2 | 0. | 4.9 |
| 14 | 9 | 1984 | | 408.8 | 5.08 | 6.2 |
| 15 | 9 | 1984 | | 425.8 | | 8.5 |
| 16 | 9 | 1984 | | 468.4 | | 7.4 |
| 17 | 9 | 1984 | | 468.4 | 0.34 | 5.5 |
| 18 | 9 | 1984 | | | 0. | 7.1 |
| 19 | 9 | 1984 | | 442.8 | 0. | 7.1 |
| 20 | 9 | 1984 | | 451.4 | | 7.7 |
| 21 | 9 | 1984 | 51.13 | 510.9 | 1.81 | 8.9 |
| 22 | 9 | 1984 | 53.73 | 493.9 | | 8.4 |
| 23 | 9 | 1984 | 51.11 | 485.4 | | 8.1 |
| 24 | 9 | 1984 | 37.5 | 366.2 | 5.56 | 6.4 |
| 25 | 9 | 1984 | 32.21 | 272.5 | 0.27 | 9.5 |
| 26 | 9 | 1984 | 33.69 | 289.5 | 0.64 | 7.8 |
| 27 | 9 | 1984 | 43.91 | 408.8 | 0.05 | 8.4 |
| 28 | 9 | 1984 | 47.28 | 442.8 | | 10.5 |
| 29 | 9 | 1984 | 31.08 | 340.6 | | 8.5 |
| 30 | 9 | 1984 | 46.66 | 451.4 | 1.27 | 10.9 |
| 1 | 10 | 1984 | 38.8 | 383.2 | 0.59 | 10.9 |
| 2 | 10 | 1984 | 42.86 | | 1.31 | 13.1 |
| 3 | 10 | 1984 | 46.01 | 425.8 | | 9.5 |
| 4 | 10 | 1984 | 54.51 | 493.9 | 0.07 | 9.1 |
| 5 | 10 | 1984 | 54.39 | 511. | 0.78 | 8.4 |
| 6 | 10 | 1984 | 51.06 | 485.4 | | 6.7 |
| 7 | 10 | 1984 | 53.67 | 493.9 | | 11.7 |
| 8 | 10 | 1984 | 51.01 | 434.3 | 0. | 15.4 |
| 9 | 10 | 1984 | 42.66 | | 0.33 | 12.4 |
| 10 | 10 | 1984 | 53.28 | 476.9 | 0. | 13.4 |
| 11 | 10 | 1984 | 53.75 | 459.9 | 0. | 12.9 |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND |
|---|---|---|---|---|---|---|
| 12 | 10 | 1984 | 47.8 | 408.8 | 0. | 11.2 |
| 13 | 10 | 1984 | 38.99 | 357.7 | 0. | 8.7 |
| 14 | 10 | 1984 | 43.93 | 425.8 | 0. | 6.6 |
| 15 | 10 | 1984 | 46.52 | 476.9 | 0. | 7.3 |
| 16 | 10 | 1984 | 46.21 | | 0. | 6.3 |
| 17 | 10 | 1984 | 47.85 | 425.8 | 0.68 | 7.4 |
| 18 | 10 | 1984 | 52.04 | 451.4 | 0. | 9.5 |
| 19 | 10 | 1984 | 49.52 | 485.4 | 0. | 6.2 |
| 20 | 10 | 1984 | 51.26 | 459.9 | 0. | 8.2 |
| 21 | 10 | 1984 | 50.91 | 468.4 | 0. | 8.5 |
| 22 | 10 | 1984 | 49.63 | 451.4 | 0. | 9.4 |
| 23 | 10 | 1984 | 50.28 | | 1.27 | 12. |
| 24 | 10 | 1984 | 46.22 | 400.2 | 1.01 | 11.2 |
| 25 | 10 | 1984 | 43.86 | 408.8 | 0. | 11.7 |
| 26 | 10 | 1984 | 40.62 | 357.7 | 3.21 | 15.9 |
| 27 | 10 | 1984 | 45.15 | 400.2 | | 13.1 |
| 28 | 10 | 1984 | 42.76 | 425.8 | | 13. |
| 29 | 10 | 1984 | 29.64 | 298.1 | 0.63 | 8.5 |
| 30 | 10 | 1984 | 45.69 | | 0.38 | 6.6 |
| 31 | 10 | 1984 | 46.79 | | 0.74 | 10.5 |
| 1 | 11 | 1984 | 47.34 | 459.9 | 0. | 12.4 |
| 2 | 11 | 1984 | 47.81 | 511. | 0. | 13.4 |
| 3 | 11 | 1984 | 44.43 | 476.9 | 0. | 10.6 |
| 4 | 11 | 1984 | 41.29 | 459.9 | 0. | 5.3 |
| 5 | 11 | 1984 | 34.75 | 476.9 | 0. | 12.6 |
| 6 | 11 | 1984 | 33.4 | | 0. | 13.7 |
| 7 | 11 | 1984 | 42.27 | 349.2 | 0. | 14.8 |
| 8 | 11 | 1984 | 43.15 | 604.6 | 0. | 15.7 |
| 9 | 11 | 1984 | 43.4 | | 0.06 | 8.7 |
| 10 | 11 | 1984 | 42.3 | | | 11.6 |
| 11 | 11 | 1984 | 17.49 | | | 13.7 |
| 12 | 11 | 1984 | 43.77 | | 0. | 14. |
| 13 | 11 | 1984 | 39.08 | 281. | 0.07 | 15.9 |
| 14 | 11 | 1984 | 20.31 | 204.4 | 0. | 15. |
| 15 | 11 | 1984 | 37.11 | 332.1 | 0. | 12.4 |
| 16 | 11 | 1984 | 33.12 | 289.5 | 0.17 | 15.5 |
| 19 | 11 | 1984 | 36.02 | 357.7 | 0. | 7.4 |
| 20 | 11 | 1984 | 40.66 | 315.1 | 0. | 9.1 |
| 21 | 11 | 1984 | 36.82 | 264. | 0. | 11.9 |
| 22 | 11 | 1984 | 24.4 | 195.9 | 0. | 17.9 |
| 23 | 11 | 1984 | 16.41 | 144.8 | 0. | 12.6 |
| 24 | 11 | 1984 | 43.4 | 408.8 | | 7.7 |
| 25 | 11 | 1984 | 42.44 | 425.8 | | 10.2 |
| 26 | 11 | 1984 | 42.2 | 316.1 | 0. | 8.1 |
| 27 | 11 | 1984 | 42.13 | 545. | 0. | 16.2 |
| 28 | 11 | 1984 | 37.67 | 417.3 | 0. | |
| 29 | 11 | 1984 | 43.86 | 587.6 | 0. | 9.5 |

Table 1. Daily Weather Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | SOLAR1 | SOLAR2 | RAIN | WIND |
|---|---|---|---|---|---|---|
| 30 | 11 | 1984 | 41.83 | 443.1 | 0. | |
| 1 | 12 | 1984 | 44.24 | 493.9 | | 4.7 |
| 2 | 12 | 1984 | 36.49 | | 0.01 | 3.4 |
| 3 | 12 | 1984 | 34.75 | 229.5 | 0. | 3.1 |
| 4 | 12 | 1984 | 39.2 | 485.4 | 0. | 2.2 |
| 5 | 12 | 1984 | 34.22 | 298.1 | 0. | 2.7 |
| 6 | 12 | 1984 | 35.47 | 451.4 | 0.02 | 6.5 |
| 7 | 12 | 1984 | 34.61 | 340.6 | | 9.1 |
| 8 | 12 | 1984 | 16.85 | 195.9 | | 10.4 |
| 9 | 12 | 1984 | 36.51 | 459.9 | | 10.1 |
| 10 | 12 | 1984 | 32.46 | 340.6 | | 9.6 |
| 11 | 12 | 1984 | 32.53 | | | 2.9 |
| 12 | 12 | 1984 | | | | 1.9 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 13 | 1 | 1984 | B01 | 1.18 | |
| 13 | 1 | 1984 | B02 | 1.18 | |
| 13 | 1 | 1984 | B03 | 1.18 | |
| 13 | 1 | 1984 | B06 | 1.2 | |
| 13 | 1 | 1984 | B07 | 1.3 | |
| 13 | 1 | 1984 | B08 | 1.24 | |
| 13 | 1 | 1984 | B09 | 1.18 | |
| 13 | 1 | 1984 | B10 | 1.18 | |
| 13 | 1 | 1984 | B11 | 1.19 | |
| 13 | 1 | 1984 | B12 | 1.13 | |
| 17 | 1 | 1984 | B01 | 1.29 | |
| 17 | 1 | 1984 | B02 | 1.29 | |
| 17 | 1 | 1984 | B03 | 1.18 | |
| 17 | 1 | 1984 | B06 | 1.15 | |
| 17 | 1 | 1984 | B07 | 1.29 | |
| 17 | 1 | 1984 | B08 | 1.21 | |
| 17 | 1 | 1984 | B09 | 1.28 | |
| 17 | 1 | 1984 | B10 | 1.18 | |
| 17 | 1 | 1984 | B11 | 1.18 | |
| 17 | 1 | 1984 | B12 | 1.06 | |
| 20 | 1 | 1984 | B01 | 1.27 | |
| 20 | 1 | 1984 | B02 | 1.28 | |
| 20 | 1 | 1984 | B03 | 11.65 | |
| 20 | 1 | 1984 | B06 | 1.12 | |
| 20 | 1 | 1984 | B07 | 1.28 | |
| 20 | 1 | 1984 | B08 | 1.2 | |
| 20 | 1 | 1984 | B09 | 1.26 | |
| 20 | 1 | 1984 | B10 | 11.65 | |
| 20 | 1 | 1984 | B11 | 1.17 | |
| 20 | 1 | 1984 | B12 | 1. | |
| 23 | 1 | 1984 | B01 | | Y |
| 23 | 1 | 1984 | B02 | | Y |
| 23 | 1 | 1984 | B03 | | Y |
| 23 | 1 | 1984 | B06 | | Y |
| 23 | 1 | 1984 | B07 | | Y |
| 23 | 1 | 1984 | B08 | | Y |
| 23 | 1 | 1984 | B09 | | Y |
| 23 | 1 | 1984 | B10 | | Y |
| 23 | 1 | 1984 | B11 | | Y |
| 23 | 1 | 1984 | B12 | | Y |
| 24 | 1 | 1984 | B01 | | Y |
| 24 | 1 | 1984 | B02 | | Y |
| 24 | 1 | 1984 | B03 | | Y |
| 24 | 1 | 1984 | B06 | | Y |
| 24 | 1 | 1984 | B07 | | Y |
| 24 | 1 | 1984 | B08 | | Y |
| 24 | 1 | 1984 | B09 | | Y |
| 24 | 1 | 1984 | B10 | | Y |
| 24 | 1 | 1984 | B11 | | Y |
| 24 | 1 | 1984 | B12 | | Y |
| 27 | 1 | 1984 | B01 | | Y |
| 27 | 1 | 1984 | B02 | 1.25 | |
| 27 | 1 | 1984 | B03 | 1.19 | |
| 27 | 1 | 1984 | B06 | 1.15 | |
| 27 | 1 | 1984 | B07 | 1.25 | |
| 27 | 1 | 1984 | B08 | 1.18 | |
| 27 | 1 | 1984 | B09 | | Y |
| 27 | 1 | 1984 | B10 | 1.21 | |
| 27 | 1 | 1984 | B11 | 1.18 | |
| 27 | 1 | 1984 | B12 | 1.1 | |
| 30 | 1 | 1984 | B01 | 1.15 | |
| 30 | 1 | 1984 | B02 | 11.95 | |
| 30 | 1 | 1984 | B03 | 1.16 | |
| 30 | 1 | 1984 | B06 | 1.12 | |
| 30 | 1 | 1984 | B07 | 1.19 | |
| 30 | 1 | 1984 | B08 | 1.22 | |
| 30 | 1 | 1984 | B09 | 1.16 | |
| 30 | 1 | 1984 | B10 | 1.19 | |
| 30 | 1 | 1984 | B11 | 1.18 | |
| 30 | 1 | 1984 | B12 | 1.07 | |
| 31 | 1 | 1984 | B01 | | |
| 31 | 1 | 1984 | B02 | | |
| 31 | 1 | 1984 | B03 | | |
| 31 | 1 | 1984 | B06 | | |
| 31 | 1 | 1984 | B07 | | |
| 31 | 1 | 1984 | B08 | | |
| 31 | 1 | 1984 | B09 | | |
| 31 | 1 | 1984 | B10 | | |
| 31 | 1 | 1984 | B11 | | |
| 31 | 1 | 1984 | B12 | | |
| 1 | 2 | 1984 | B01 | | |
| 1 | 2 | 1984 | B02 | | |
| 1 | 2 | 1984 | B03 | | |
| 1 | 2 | 1984 | B06 | | |
| 1 | 2 | 1984 | B07 | | |
| 1 | 2 | 1984 | B08 | | |
| 1 | 2 | 1984 | B09 | | |
| 1 | 2 | 1984 | B10 | | |
| 1 | 2 | 1984 | B11 | | |
| 1 | 2 | 1984 | B12 | | |
| 2 | 2 | 1984 | B01 | | Y |
| 2 | 2 | 1984 | B02 | | Y |
| 2 | 2 | 1984 | B03 | | Y |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 2 | 2 | 1984 | B06 | | Y |
| 2 | 2 | 1984 | B07 | | Y |
| 2 | 2 | 1984 | B08 | | Y |
| 2 | 2 | 1984 | B09 | | Y |
| 2 | 2 | 1984 | B10 | | Y |
| 2 | 2 | 1984 | B11 | | Y |
| 2 | 2 | 1984 | B12 | | Y |
| 5 | 2 | 1984 | B01 | | |
| 5 | 2 | 1984 | B02 | | |
| 5 | 2 | 1984 | B03 | | |
| 5 | 2 | 1984 | B06 | | |
| 5 | 2 | 1984 | B07 | | |
| 5 | 2 | 1984 | B08 | | |
| 5 | 2 | 1984 | B09 | | |
| 5 | 2 | 1984 | B10 | | |
| 5 | 2 | 1984 | B11 | | |
| 5 | 2 | 1984 | B12 | | |
| 6 | 2 | 1984 | B01 | | |
| 6 | 2 | 1984 | B02 | | |
| 6 | 2 | 1984 | B03 | | |
| 6 | 2 | 1984 | B06 | | |
| 6 | 2 | 1984 | B07 | | |
| 6 | 2 | 1984 | B08 | | |
| 6 | 2 | 1984 | B09 | | |
| 6 | 2 | 1984 | B10 | | |
| 6 | 2 | 1984 | B11 | | |
| 6 | 2 | 1984 | B12 | | |
| 7 | 2 | 1984 | B01 | | |
| 7 | 2 | 1984 | B02 | | |
| 7 | 2 | 1984 | B03 | | |
| 7 | 2 | 1984 | B06 | | |
| 7 | 2 | 1984 | B07 | | |
| 7 | 2 | 1984 | B08 | | |
| 7 | 2 | 1984 | B09 | | |
| 7 | 2 | 1984 | B10 | | |
| 7 | 2 | 1984 | B11 | | |
| 7 | 2 | 1984 | B12 | | |
| 8 | 2 | 1984 | B01 | | |
| 8 | 2 | 1984 | B02 | | |
| 8 | 2 | 1984 | B03 | | |
| 8 | 2 | 1984 | B06 | | |
| 8 | 2 | 1984 | B07 | | |
| 8 | 2 | 1984 | B08 | | |
| 8 | 2 | 1984 | B09 | | |
| 8 | 2 | 1984 | B10 | | |
| 8 | 2 | 1984 | B11 | | |
| 8 | 2 | 1984 | B12 | | |
| 9 | 2 | 1984 | B01 | | |
| 9 | 2 | 1984 | B02 | | |
| 9 | 2 | 1984 | B03 | | |
| 9 | 2 | 1984 | B06 | | |
| 9 | 2 | 1984 | B07 | | |
| 9 | 2 | 1984 | B08 | | |
| 9 | 2 | 1984 | B09 | | |
| 9 | 2 | 1984 | B10 | | |
| 9 | 2 | 1984 | B11 | | |
| 9 | 2 | 1984 | B12 | | |
| 10 | 2 | 1984 | B01 | 1.19 | Y |
| 10 | 2 | 1984 | B02 | 1.16 | Y |
| 10 | 2 | 1984 | B03 | 1.28 | Y |
| 10 | 2 | 1984 | B06 | | Y |
| 10 | 2 | 1984 | B07 | | Y |
| 10 | 2 | 1984 | B08 | 1.18 | Y |
| 10 | 2 | 1984 | B09 | 1.16 | Y |
| 10 | 2 | 1984 | B10 | 1.17 | Y |
| 10 | 2 | 1984 | B11 | 1.17 | Y |
| 10 | 2 | 1984 | B12 | 1.15 | Y |
| 12 | 2 | 1984 | B01 | | |
| 12 | 2 | 1984 | B02 | | |
| 12 | 2 | 1984 | B03 | | |
| 12 | 2 | 1984 | B06 | | |
| 12 | 2 | 1984 | B07 | | |
| 12 | 2 | 1984 | B08 | | |
| 12 | 2 | 1984 | B09 | | |
| 12 | 2 | 1984 | B10 | | |
| 12 | 2 | 1984 | B11 | | |
| 12 | 2 | 1984 | B12 | | |
| 13 | 2 | 1984 | B01 | 1.18 | Y |
| 13 | 2 | 1984 | B02 | | Y |
| 13 | 2 | 1984 | B03 | 1.26 | Y |
| 13 | 2 | 1984 | B06 | 1.17 | Y |
| 13 | 2 | 1984 | B07 | 1.18 | Y |
| 13 | 2 | 1984 | B08 | 1.19 | Y |
| 13 | 2 | 1984 | B09 | 1.19 | Y |
| 13 | 2 | 1984 | B10 | 1.18 | Y |
| 13 | 2 | 1984 | B11 | 1.19 | Y |
| 13 | 2 | 1984 | B12 | 1.13 | Y |
| 14 | 2 | 1984 | B01 | | |
| 14 | 2 | 1984 | B02 | | |
| 14 | 2 | 1984 | B03 | | |
| 14 | 2 | 1984 | B06 | | |
| 14 | 2 | 1984 | B07 | | |
| 14 | 2 | 1984 | B08 | | |
| 14 | 2 | 1984 | B09 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 14 | 2 | 1984 | B10 | | |
| 14 | 2 | 1984 | B11 | | |
| 14 | 2 | 1984 | B12 | | |
| 15 | 2 | 1984 | B01 | | |
| 15 | 2 | 1984 | B02 | | |
| 15 | 2 | 1984 | B03 | | |
| 15 | 2 | 1984 | B06 | | |
| 15 | 2 | 1984 | B07 | | |
| 15 | 2 | 1984 | B08 | | |
| 15 | 2 | 1984 | B09 | | |
| 15 | 2 | 1984 | B10 | | |
| 15 | 2 | 1984 | B11 | | |
| 15 | 2 | 1984 | B12 | | |
| 16 | 2 | 1984 | B01 | | |
| 16 | 2 | 1984 | B02 | | |
| 16 | 2 | 1984 | B03 | | |
| 16 | 2 | 1984 | B06 | | |
| 16 | 2 | 1984 | B07 | | |
| 16 | 2 | 1984 | B08 | | |
| 16 | 2 | 1984 | B09 | | |
| 16 | 2 | 1984 | B10 | | |
| 16 | 2 | 1984 | B11 | | |
| 16 | 2 | 1984 | B12 | | |
| 17 | 2 | 1984 | B01 | 1.17 | Y |
| 17 | 2 | 1984 | B02 | 1.18 | Y |
| 17 | 2 | 1984 | B03 | 1.24 | Y |
| 17 | 2 | 1984 | B06 | 1.15 | Y |
| 17 | 2 | 1984 | B07 | 1.18 | Y |
| 17 | 2 | 1984 | B08 | 1.18 | Y |
| 17 | 2 | 1984 | B09 | 1.18 | Y |
| 17 | 2 | 1984 | B10 | 1.19 | Y |
| 17 | 2 | 1984 | B11 | 1.19 | Y |
| 17 | 2 | 1984 | B12 | 1.1 | Y |
| 19 | 2 | 1984 | B01 | | |
| 19 | 2 | 1984 | B02 | | |
| 19 | 2 | 1984 | B03 | | |
| 19 | 2 | 1984 | B06 | | |
| 19 | 2 | 1984 | B07 | | |
| 19 | 2 | 1984 | B08 | | |
| 19 | 2 | 1984 | B09 | | |
| 19 | 2 | 1984 | B10 | | |
| 19 | 2 | 1984 | B11 | | |
| 19 | 2 | 1984 | B12 | | |
| 20 | 2 | 1984 | B01 | | |
| 20 | 2 | 1984 | B02 | | |
| 20 | 2 | 1984 | B03 | | |
| 20 | 2 | 1984 | B06 | | |
| 20 | 2 | 1984 | B07 | | |
| 20 | 2 | 1984 | B08 | | |
| 20 | 2 | 1984 | B09 | | |
| 20 | 2 | 1984 | B10 | | |
| 20 | 2 | 1984 | B11 | | |
| 20 | 2 | 1984 | B12 | | |
| 21 | 2 | 1984 | B01 | | |
| 21 | 2 | 1984 | B02 | | |
| 21 | 2 | 1984 | B03 | | |
| 21 | 2 | 1984 | B06 | | |
| 21 | 2 | 1984 | B07 | | |
| 21 | 2 | 1984 | B08 | | |
| 21 | 2 | 1984 | B09 | | |
| 21 | 2 | 1984 | B10 | | |
| 21 | 2 | 1984 | B11 | | |
| 21 | 2 | 1984 | B12 | | |
| 22 | 2 | 1984 | B01 | 1.15 | Y |
| 22 | 2 | 1984 | B02 | 1.17 | Y |
| 22 | 2 | 1984 | B03 | 1.21 | Y |
| 22 | 2 | 1984 | B06 | 1.13 | Y |
| 22 | 2 | 1984 | B07 | 1.17 | Y |
| 22 | 2 | 1984 | B08 | 1.17 | Y |
| 22 | 2 | 1984 | B09 | 1.17 | Y |
| 22 | 2 | 1984 | B10 | 1.16 | Y |
| 22 | 2 | 1984 | B11 | 1.17 | Y |
| 22 | 2 | 1984 | B12 | 1.07 | Y |
| 23 | 2 | 1984 | B01 | 11.95 | Y |
| 23 | 2 | 1984 | B02 | 11.95 | Y |
| 23 | 2 | 1984 | B03 | | Y |
| 23 | 2 | 1984 | B06 | 11.85 | Y |
| 23 | 2 | 1984 | B07 | 11.95 | Y |
| 23 | 2 | 1984 | B08 | 11.95 | Y |
| 23 | 2 | 1984 | B09 | 11.95 | Y |
| 23 | 2 | 1984 | B10 | 11.95 | Y |
| 23 | 2 | 1984 | B11 | 11.95 | Y |
| 23 | 2 | 1984 | B12 | 11.35 | Y |
| 26 | 2 | 1984 | B01 | | |
| 26 | 2 | 1984 | B02 | | |
| 26 | 2 | 1984 | B03 | | |
| 26 | 2 | 1984 | B06 | | |
| 26 | 2 | 1984 | B07 | | |
| 26 | 2 | 1984 | B08 | | |
| 26 | 2 | 1984 | B09 | | |
| 26 | 2 | 1984 | B10 | | |
| 26 | 2 | 1984 | B11 | | |
| 26 | 2 | 1984 | B12 | | |
| 27 | 2 | 1984 | B01 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|---|---|---|---|
| 27 | 2 | 1984 | B02 | 4 | 3 | 1984 | B11 | | |
| 27 | 2 | 1984 | B03 | 4 | 3 | 1984 | B12 | | |
| 27 | 2 | 1984 | B06 | 5 | 3 | 1984 | B01 | 1.1 | Y |
| 27 | 2 | 1984 | B07 | 5 | 3 | 1984 | B02 | 1.13 | Y |
| 27 | 2 | 1984 | B08 | 5 | 3 | 1984 | B03 | 1.13 | Y |
| 27 | 2 | 1984 | B09 | 5 | 3 | 1984 | B06 | 1.06 | Y |
| 27 | 2 | 1984 | B10 | 5 | 3 | 1984 | B07 | 1.13 | Y |
| 27 | 2 | 1984 | B11 | 5 | 3 | 1984 | B08 | 1.12 | Y |
| 27 | 2 | 1984 | B12 | 5 | 3 | 1984 | B09 | 1.12 | Y |
| 28 | 2 | 1984 | B01 | 5 | 3 | 1984 | B10 | 1.14 | Y |
| 28 | 2 | 1984 | B02 | 5 | 3 | 1984 | B11 | 1.15 | Y |
| 28 | 2 | 1984 | B03 | 5 | 3 | 1984 | B12 | 1.01 | Y |
| 28 | 2 | 1984 | B06 | 6 | 3 | 1984 | B01 | | |
| 28 | 2 | 1984 | B07 | 6 | 3 | 1984 | B02 | | |
| 28 | 2 | 1984 | B08 | 6 | 3 | 1984 | B03 | | |
| 28 | 2 | 1984 | B09 | 6 | 3 | 1984 | B06 | | |
| 28 | 2 | 1984 | B10 | 6 | 3 | 1984 | B07 | | |
| 28 | 2 | 1984 | B11 | 6 | 3 | 1984 | B08 | | |
| 28 | 2 | 1984 | B12 | 6 | 3 | 1984 | B09 | | |
| 29 | 2 | 1984 | B01 | 6 | 3 | 1984 | B10 | | |
| 29 | 2 | 1984 | B02 | 6 | 3 | 1984 | B11 | | |
| 29 | 2 | 1984 | B03 | 6 | 3 | 1984 | B12 | | |
| 29 | 2 | 1984 | B06 | 7 | 3 | 1984 | B01 | 1.09 | Y |
| 29 | 2 | 1984 | B07 | 7 | 3 | 1984 | B02 | 1.12 | Y |
| 29 | 2 | 1984 | B08 | 7 | 3 | 1984 | B03 | | Y |
| 29 | 2 | 1984 | B09 | 7 | 3 | 1984 | B06 | | Y |
| 29 | 2 | 1984 | B10 | 7 | 3 | 1984 | B07 | 1.12 | Y |
| 29 | 2 | 1984 | B11 | 7 | 3 | 1984 | B08 | 1.12 | Y |
| 29 | 2 | 1984 | B12 | 7 | 3 | 1984 | B09 | 1.18 | Y |
| 1 | 3 | 1984 | B01 | 7 | 3 | 1984 | B10 | | Y |
| 1 | 3 | 1984 | B02 | 7 | 3 | 1984 | B11 | | Y |
| 1 | 3 | 1984 | B03 | 7 | 3 | 1984 | B12 | | Y |
| 1 | 3 | 1984 | B06 | 8 | 3 | 1984 | B01 | | |
| 1 | 3 | 1984 | B07 | 8 | 3 | 1984 | B02 | | |
| 1 | 3 | 1984 | B08 | 8 | 3 | 1984 | B03 | | |
| 1 | 3 | 1984 | B09 | 8 | 3 | 1984 | B06 | | |
| 1 | 3 | 1984 | B10 | 8 | 3 | 1984 | B07 | | |
| 1 | 3 | 1984 | B11 | 8 | 3 | 1984 | B08 | | |
| 1 | 3 | 1984 | B12 | 8 | 3 | 1984 | B09 | | |
| 4 | 3 | 1984 | B01 | 8 | 3 | 1984 | B10 | | |
| 4 | 3 | 1984 | B02 | 8 | 3 | 1984 | B11 | | |
| 4 | 3 | 1984 | B03 | 8 | 3 | 1984 | B12 | | |
| 4 | 3 | 1984 | B06 | 11 | 3 | 1984 | B01 | | |
| 4 | 3 | 1984 | B07 | 11 | 3 | 1984 | B02 | | |
| 4 | 3 | 1984 | B08 | 11 | 3 | 1984 | B03 | | |
| 4 | 3 | 1984 | B09 | 11 | 3 | 1984 | B06 | | |
| 4 | 3 | 1984 | B10 | 11 | 3 | 1984 | B07 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 11 | 3 | 1984 | B08 | | |
| 11 | 3 | 1984 | B09 | | |
| 11 | 3 | 1984 | B10 | | |
| 11 | 3 | 1984 | B11 | | |
| 11 | 3 | 1984 | B12 | | |
| 12 | 3 | 1984 | B01 | 1.16 | Y |
| 12 | 3 | 1984 | B02 | 1.17 | Y |
| 12 | 3 | 1984 | B03 | 1.17 | Y |
| 12 | 3 | 1984 | B06 | 1.09 | Y |
| 12 | 3 | 1984 | B07 | 1.18 | Y |
| 12 | 3 | 1984 | B08 | 1.18 | Y |
| 12 | 3 | 1984 | B09 | 1.18 | Y |
| 12 | 3 | 1984 | B10 | 1.18 | Y |
| 12 | 3 | 1984 | B11 | 1.17 | Y |
| 12 | 3 | 1984 | B12 | 1.05 | Y |
| 13 | 3 | 1984 | B01 | | |
| 13 | 3 | 1984 | B02 | | |
| 13 | 3 | 1984 | B03 | | |
| 13 | 3 | 1984 | B06 | | |
| 13 | 3 | 1984 | B07 | | |
| 13 | 3 | 1984 | B08 | | |
| 13 | 3 | 1984 | B09 | | |
| 13 | 3 | 1984 | B10 | | |
| 13 | 3 | 1984 | B11 | | |
| 13 | 3 | 1984 | B12 | | |
| 14 | 3 | 1984 | B01 | | |
| 14 | 3 | 1984 | B02 | | |
| 14 | 3 | 1984 | B03 | | |
| 14 | 3 | 1984 | B06 | | |
| 14 | 3 | 1984 | B07 | | |
| 14 | 3 | 1984 | B08 | | |
| 14 | 3 | 1984 | B09 | | |
| 14 | 3 | 1984 | B10 | | |
| 14 | 3 | 1984 | B11 | | |
| 14 | 3 | 1984 | B12 | | |
| 15 | 3 | 1984 | B01 | | |
| 15 | 3 | 1984 | B02 | | |
| 15 | 3 | 1984 | B03 | | |
| 15 | 3 | 1984 | B06 | | |
| 15 | 3 | 1984 | B07 | | |
| 15 | 3 | 1984 | B08 | | |
| 15 | 3 | 1984 | B09 | | |
| 15 | 3 | 1984 | B10 | | |
| 15 | 3 | 1984 | B11 | | |
| 15 | 3 | 1984 | B12 | | |
| 16 | 3 | 1984 | B01 | 1.18 | Y |
| 16 | 3 | 1984 | B02 | 1.19 | Y |
| 16 | 3 | 1984 | B03 | 1.18 | Y |
| 16 | 3 | 1984 | B06 | 1.18 | Y |
| 16 | 3 | 1984 | B07 | 1.18 | Y |
| 16 | 3 | 1984 | B08 | 1.19 | Y |
| 16 | 3 | 1984 | B09 | 1.19 | Y |
| 16 | 3 | 1984 | B10 | 1.18 | Y |
| 16 | 3 | 1984 | B11 | 1.18 | Y |
| 16 | 3 | 1984 | B12 | 1.15 | Y |
| 18 | 3 | 1984 | B01 | | |
| 18 | 3 | 1984 | B02 | | |
| 18 | 3 | 1984 | B03 | | |
| 18 | 3 | 1984 | B06 | | |
| 18 | 3 | 1984 | B07 | | |
| 18 | 3 | 1984 | B08 | | |
| 18 | 3 | 1984 | B09 | | |
| 18 | 3 | 1984 | B10 | | |
| 18 | 3 | 1984 | B11 | | |
| 18 | 3 | 1984 | B12 | | |
| 19 | 3 | 1984 | B01 | | |
| 19 | 3 | 1984 | B02 | | |
| 19 | 3 | 1984 | B03 | | |
| 19 | 3 | 1984 | B06 | | |
| 19 | 3 | 1984 | B07 | | |
| 19 | 3 | 1984 | B08 | | |
| 19 | 3 | 1984 | B09 | | |
| 19 | 3 | 1984 | B10 | | |
| 19 | 3 | 1984 | B11 | | |
| 19 | 3 | 1984 | B12 | | |
| 20 | 3 | 1984 | B01 | 1.13 | Y |
| 20 | 3 | 1984 | B02 | 1.15 | Y |
| 20 | 3 | 1984 | B03 | 1.15 | Y |
| 20 | 3 | 1984 | B06 | 1.08 | Y |
| 20 | 3 | 1984 | B07 | 1.14 | Y |
| 20 | 3 | 1984 | B08 | 1.14 | Y |
| 20 | 3 | 1984 | B09 | 1.15 | Y |
| 20 | 3 | 1984 | B10 | 1.16 | Y |
| 20 | 3 | 1984 | B11 | 1.15 | Y |
| 20 | 3 | 1984 | B12 | 1.04 | Y |
| 21 | 3 | 1984 | B01 | | |
| 21 | 3 | 1984 | B02 | | |
| 21 | 3 | 1984 | B03 | | |
| 21 | 3 | 1984 | B06 | | |
| 21 | 3 | 1984 | B07 | | |
| 21 | 3 | 1984 | B08 | | |
| 21 | 3 | 1984 | B09 | | |
| 21 | 3 | 1984 | B10 | | |
| 21 | 3 | 1984 | B11 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 3 | 1984 | B12 | 28 | 3 | 1984 | B09 | | |
| 22 | 3 | 1984 | B01 | 28 | 3 | 1984 | B10 | | |
| 22 | 3 | 1984 | B02 | 28 | 3 | 1984 | B11 | | |
| 22 | 3 | 1984 | B03 | 28 | 3 | 1984 | B12 | | |
| 22 | 3 | 1984 | B06 | 29 | 3 | 1984 | B01 | | |
| 22 | 3 | 1984 | B07 | 29 | 3 | 1984 | B02 | | |
| 22 | 3 | 1984 | B08 | 29 | 3 | 1984 | B03 | | |
| 22 | 3 | 1984 | B09 | 29 | 3 | 1984 | B06 | | |
| 22 | 3 | 1984 | B10 | 29 | 3 | 1984 | B07 | | |
| 22 | 3 | 1984 | B11 | 29 | 3 | 1984 | B08 | | |
| 22 | 3 | 1984 | B12 | 29 | 3 | 1984 | B09 | | |
| 23 | 3 | 1984 | B01 | 29 | 3 | 1984 | B10 | | |
| 23 | 3 | 1984 | B02 | 29 | 3 | 1984 | B11 | | |
| 23 | 3 | 1984 | B03 | 29 | 3 | 1984 | B12 | | |
| 23 | 3 | 1984 | B06 | 30 | 3 | 1984 | B01 | 1.13 | Y |
| 23 | 3 | 1984 | B07 | 30 | 3 | 1984 | B02 | 1.15 | Y |
| 23 | 3 | 1984 | B08 | 30 | 3 | 1984 | B03 | 1.16 | Y |
| 23 | 3 | 1984 | B09 | 30 | 3 | 1984 | B06 | 1.14 | Y |
| 23 | 3 | 1984 | B10 | 30 | 3 | 1984 | B07 | 1.15 | Y |
| 23 | 3 | 1984 | B11 | 30 | 3 | 1984 | B08 | 1.15 | Y |
| 23 | 3 | 1984 | B12 | 30 | 3 | 1984 | B09 | 1.16 | Y |
| 25 | 3 | 1984 | B01 | 30 | 3 | 1984 | B10 | 1.15 | Y |
| 25 | 3 | 1984 | B02 | 30 | 3 | 1984 | B11 | 1.18 | Y |
| 25 | 3 | 1984 | B03 | 30 | 3 | 1984 | B12 | 1.1 | Y |
| 25 | 3 | 1984 | B06 | 1 | 4 | 1984 | B01 | | |
| 25 | 3 | 1984 | B07 | 1 | 4 | 1984 | B02 | | |
| 25 | 3 | 1984 | B08 | 1 | 4 | 1984 | B03 | | |
| 25 | 3 | 1984 | B09 | 1 | 4 | 1984 | B06 | | |
| 25 | 3 | 1984 | B10 | 1 | 4 | 1984 | B07 | | |
| 25 | 3 | 1984 | B11 | 1 | 4 | 1984 | B08 | | |
| 25 | 3 | 1984 | B12 | 1 | 4 | 1984 | B09 | | |
| 26 | 3 | 1984 | B01 | 1 | 4 | 1984 | B10 | | |
| 26 | 3 | 1984 | B02 | 1 | 4 | 1984 | B11 | | |
| 26 | 3 | 1984 | B03 | 1 | 4 | 1984 | B12 | | |
| 26 | 3 | 1984 | B06 | 2 | 4 | 1984 | B01 | | |
| 26 | 3 | 1984 | B07 | 2 | 4 | 1984 | B02 | | |
| 26 | 3 | 1984 | B08 | 2 | 4 | 1984 | B03 | | |
| 26 | 3 | 1984 | B09 | 2 | 4 | 1984 | B06 | | |
| 26 | 3 | 1984 | B10 | 2 | 4 | 1984 | B07 | | |
| 26 | 3 | 1984 | B11 | 2 | 4 | 1984 | B08 | | |
| 26 | 3 | 1984 | B12 | 2 | 4 | 1984 | B09 | | |
| 28 | 3 | 1984 | B01 | 2 | 4 | 1984 | B10 | | |
| 28 | 3 | 1984 | B02 | 2 | 4 | 1984 | B11 | | |
| 28 | 3 | 1984 | B03 | 2 | 4 | 1984 | B12 | | |
| 28 | 3 | 1984 | B06 | 3 | 4 | 1984 | B01 | | |
| 28 | 3 | 1984 | B07 | 3 | 4 | 1984 | B02 | | |
| 28 | 3 | 1984 | B08 | 3 | 4 | 1984 | B03 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 3 | 4 | 1984 | B06 | | |
| 3 | 4 | 1984 | B07 | | |
| 3 | 4 | 1984 | B08 | | |
| 3 | 4 | 1984 | B09 | | |
| 3 | 4 | 1984 | B10 | | |
| 3 | 4 | 1984 | B11 | | |
| 3 | 4 | 1984 | B12 | | |
| 4 | 4 | 1984 | B01 | | |
| 4 | 4 | 1984 | B02 | | |
| 4 | 4 | 1984 | B03 | | |
| 4 | 4 | 1984 | B06 | | |
| 4 | 4 | 1984 | B07 | | |
| 4 | 4 | 1984 | B08 | | |
| 4 | 4 | 1984 | B09 | | |
| 4 | 4 | 1984 | B10 | | |
| 4 | 4 | 1984 | B11 | | |
| 4 | 4 | 1984 | B12 | | |
| 5 | 4 | 1984 | B01 | | |
| 5 | 4 | 1984 | B02 | | |
| 5 | 4 | 1984 | B03 | | |
| 5 | 4 | 1984 | B06 | | |
| 5 | 4 | 1984 | B07 | | |
| 5 | 4 | 1984 | B08 | | |
| 5 | 4 | 1984 | B09 | | |
| 5 | 4 | 1984 | B10 | | |
| 5 | 4 | 1984 | B11 | | |
| 5 | 4 | 1984 | B12 | | |
| 7 | 4 | 1984 | B01 | 1.13 | Y |
| 7 | 4 | 1984 | B02 | 1.18 | Y |
| 7 | 4 | 1984 | B03 | 1.15 | Y |
| 7 | 4 | 1984 | B06 | 1.1 | Y |
| 7 | 4 | 1984 | B07 | 1.13 | Y |
| 7 | 4 | 1984 | B08 | 1.15 | Y |
| 7 | 4 | 1984 | B09 | 1.14 | Y |
| 7 | 4 | 1984 | B10 | 1.14 | Y |
| 7 | 4 | 1984 | B11 | 1.15 | Y |
| 7 | 4 | 1984 | B12 | 1.07 | Y |
| 8 | 4 | 1984 | B01 | | |
| 8 | 4 | 1984 | B02 | | |
| 8 | 4 | 1984 | B03 | | |
| 8 | 4 | 1984 | B06 | | |
| 8 | 4 | 1984 | B07 | | |
| 8 | 4 | 1984 | B08 | | |
| 8 | 4 | 1984 | B09 | | |
| 8 | 4 | 1984 | B10 | | |
| 8 | 4 | 1984 | B11 | | |
| 8 | 4 | 1984 | B12 | | |
| 9 | 4 | 1984 | B01 | | |
| 9 | 4 | 1984 | B02 | | |
| 9 | 4 | 1984 | B03 | | |
| 9 | 4 | 1984 | B06 | | |
| 9 | 4 | 1984 | B07 | | |
| 9 | 4 | 1984 | B08 | | |
| 9 | 4 | 1984 | B09 | | |
| 9 | 4 | 1984 | B10 | | |
| 9 | 4 | 1984 | B11 | | |
| 9 | 4 | 1984 | B12 | | |
| 10 | 4 | 1984 | B01 | | |
| 10 | 4 | 1984 | B02 | | |
| 10 | 4 | 1984 | B03 | | |
| 10 | 4 | 1984 | B06 | | |
| 10 | 4 | 1984 | B07 | | |
| 10 | 4 | 1984 | B08 | | |
| 10 | 4 | 1984 | B09 | | |
| 10 | 4 | 1984 | B10 | | |
| 10 | 4 | 1984 | B11 | | |
| 10 | 4 | 1984 | B12 | | |
| 11 | 4 | 1984 | B01 | | |
| 11 | 4 | 1984 | B02 | | |
| 11 | 4 | 1984 | B03 | | |
| 11 | 4 | 1984 | B06 | | |
| 11 | 4 | 1984 | B07 | | |
| 11 | 4 | 1984 | B08 | | |
| 11 | 4 | 1984 | B09 | | |
| 11 | 4 | 1984 | B10 | | |
| 11 | 4 | 1984 | B11 | | |
| 11 | 4 | 1984 | B12 | | |
| 12 | 4 | 1984 | B01 | | |
| 12 | 4 | 1984 | B02 | | |
| 12 | 4 | 1984 | B03 | | |
| 12 | 4 | 1984 | B06 | | |
| 12 | 4 | 1984 | B07 | | |
| 12 | 4 | 1984 | B08 | | |
| 12 | 4 | 1984 | B09 | | |
| 12 | 4 | 1984 | B10 | | |
| 12 | 4 | 1984 | B11 | | |
| 12 | 4 | 1984 | B12 | | |
| 13 | 4 | 1984 | B01 | 1.15 | Y |
| 13 | 4 | 1984 | B02 | 1.16 | Y |
| 13 | 4 | 1984 | B03 | 1.16 | Y |
| 13 | 4 | 1984 | B06 | 1.14 | Y |
| 13 | 4 | 1984 | B07 | 1.18 | Y |
| 13 | 4 | 1984 | B08 | 1.16 | Y |
| 13 | 4 | 1984 | B09 | 1.15 | Y |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 13 | 4 | 1984 | B10 | 1.18 | Y |
| 13 | 4 | 1984 | B11 | 1.16 | Y |
| 13 | 4 | 1984 | B12 | 1.1 | Y |
| 16 | 4 | 1984 | B01 | | |
| 16 | 4 | 1984 | B02 | | |
| 16 | 4 | 1984 | B03 | | |
| 16 | 4 | 1984 | B06 | | |
| 16 | 4 | 1984 | B07 | | |
| 16 | 4 | 1984 | B08 | | |
| 16 | 4 | 1984 | B09 | | |
| 16 | 4 | 1984 | B10 | | |
| 16 | 4 | 1984 | B11 | | |
| 16 | 4 | 1984 | B12 | | |
| 17 | 4 | 1984 | B01 | 1.17 | Y |
| 17 | 4 | 1984 | B02 | 1.17 | Y |
| 17 | 4 | 1984 | B03 | 1.17 | Y |
| 17 | 4 | 1984 | B06 | 1.1 | Y |
| 17 | 4 | 1984 | B07 | 1.18 | Y |
| 17 | 4 | 1984 | B08 | 1.18 | Y |
| 17 | 4 | 1984 | B09 | 1.17 | Y |
| 17 | 4 | 1984 | B10 | 1.16 | Y |
| 17 | 4 | 1984 | B11 | 1.17 | Y |
| 17 | 4 | 1984 | B12 | 1.1 | Y |
| 22 | 4 | 1984 | B01 | | |
| 22 | 4 | 1984 | B02 | | |
| 22 | 4 | 1984 | B03 | | |
| 22 | 4 | 1984 | B06 | | |
| 22 | 4 | 1984 | B07 | | |
| 22 | 4 | 1984 | B08 | | |
| 22 | 4 | 1984 | B09 | | |
| 22 | 4 | 1984 | B10 | | |
| 22 | 4 | 1984 | B11 | | |
| 22 | 4 | 1984 | B12 | | |
| 23 | 4 | 1984 | B01 | 1.15 | Y |
| 23 | 4 | 1984 | B02 | 1.15 | Y |
| 23 | 4 | 1984 | B03 | 1.18 | Y |
| 23 | 4 | 1984 | B06 | 1.24 | Y |
| 23 | 4 | 1984 | B07 | 1.15 | Y |
| 23 | 4 | 1984 | B08 | 1.15 | Y |
| 23 | 4 | 1984 | B09 | 1.15 | Y |
| 23 | 4 | 1984 | B10 | 1.16 | Y |
| 23 | 4 | 1984 | B11 | 1.16 | Y |
| 23 | 4 | 1984 | B12 | 1.1 | Y |
| 24 | 4 | 1984 | B01 | | |
| 24 | 4 | 1984 | B02 | | |
| 24 | 4 | 1984 | B03 | | |
| 24 | 4 | 1984 | B06 | | |
| 24 | 4 | 1984 | B07 | | |
| 24 | 4 | 1984 | B08 | | |
| 24 | 4 | 1984 | B09 | | |
| 24 | 4 | 1984 | B10 | | |
| 24 | 4 | 1984 | B11 | | |
| 24 | 4 | 1984 | B12 | | |
| 25 | 4 | 1984 | B01 | | |
| 25 | 4 | 1984 | B02 | | |
| 25 | 4 | 1984 | B03 | | |
| 25 | 4 | 1984 | B06 | | |
| 25 | 4 | 1984 | B07 | | |
| 25 | 4 | 1984 | B08 | | |
| 25 | 4 | 1984 | B09 | | |
| 25 | 4 | 1984 | B10 | | |
| 25 | 4 | 1984 | B11 | | |
| 25 | 4 | 1984 | B12 | | |
| 26 | 4 | 1984 | B01 | | |
| 26 | 4 | 1984 | B02 | | |
| 26 | 4 | 1984 | B03 | | |
| 26 | 4 | 1984 | B06 | | |
| 26 | 4 | 1984 | B07 | | |
| 26 | 4 | 1984 | B08 | | |
| 26 | 4 | 1984 | B09 | | |
| 26 | 4 | 1984 | B10 | | |
| 26 | 4 | 1984 | B11 | | |
| 26 | 4 | 1984 | B12 | | |
| 27 | 4 | 1984 | B01 | | |
| 27 | 4 | 1984 | B02 | 1.17 | Y |
| 27 | 4 | 1984 | B03 | 1.17 | Y |
| 27 | 4 | 1984 | B06 | 1.18 | Y |
| 27 | 4 | 1984 | B07 | 1.18 | Y |
| 27 | 4 | 1984 | B08 | 1.17 | Y |
| 27 | 4 | 1984 | B09 | 1.17 | Y |
| 27 | 4 | 1984 | B10 | 1.17 | Y |
| 27 | 4 | 1984 | B11 | 1.17 | Y |
| 27 | 4 | 1984 | B12 | 1.11 | Y |
| 29 | 4 | 1984 | B01 | | |
| 29 | 4 | 1984 | B02 | | |
| 29 | 4 | 1984 | B03 | | |
| 29 | 4 | 1984 | B06 | | |
| 29 | 4 | 1984 | B07 | | |
| 29 | 4 | 1984 | B08 | | |
| 29 | 4 | 1984 | B09 | | |
| 29 | 4 | 1984 | B10 | | |
| 29 | 4 | 1984 | B11 | | |
| 29 | 4 | 1984 | B12 | | |
| 30 | 4 | 1984 | B01 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 30 | 4 | 1984 | B02 | | |
| 30 | 4 | 1984 | B03 | | |
| 30 | 4 | 1984 | B06 | | |
| 30 | 4 | 1984 | B07 | | |
| 30 | 4 | 1984 | B08 | | |
| 30 | 4 | 1984 | B09 | | |
| 30 | 4 | 1984 | B10 | | |
| 30 | 4 | 1984 | B11 | | |
| 30 | 4 | 1984 | B12 | | |
| 1 | 5 | 1984 | B01 | | |
| 1 | 5 | 1984 | B02 | | |
| 1 | 5 | 1984 | B03 | | |
| 1 | 5 | 1984 | B06 | | |
| 1 | 5 | 1984 | B07 | | |
| 1 | 5 | 1984 | B08 | | |
| 1 | 5 | 1984 | B09 | | |
| 1 | 5 | 1984 | B10 | | |
| 1 | 5 | 1984 | B11 | | |
| 1 | 5 | 1984 | B12 | | |
| 2 | 5 | 1984 | B01 | | |
| 2 | 5 | 1984 | B02 | | |
| 2 | 5 | 1984 | B03 | | |
| 2 | 5 | 1984 | B06 | | |
| 2 | 5 | 1984 | B07 | | |
| 2 | 5 | 1984 | B08 | | |
| 2 | 5 | 1984 | B09 | | |
| 2 | 5 | 1984 | B10 | | |
| 2 | 5 | 1984 | B11 | | |
| 2 | 5 | 1984 | B12 | | |
| 3 | 5 | 1984 | B01 | | |
| 3 | 5 | 1984 | B02 | | |
| 3 | 5 | 1984 | B03 | | |
| 3 | 5 | 1984 | B06 | | |
| 3 | 5 | 1984 | B07 | | |
| 3 | 5 | 1984 | B08 | | |
| 3 | 5 | 1984 | B09 | | |
| 3 | 5 | 1984 | B10 | | |
| 3 | 5 | 1984 | B11 | | |
| 3 | 5 | 1984 | B12 | | |
| 4 | 5 | 1984 | B01 | 1.16 | Y |
| 4 | 5 | 1984 | B02 | 1.15 | Y |
| 4 | 5 | 1984 | B03 | 1.15 | Y |
| 4 | 5 | 1984 | B06 | 1.13 | Y |
| 4 | 5 | 1984 | B07 | 1.15 | Y |
| 4 | 5 | 1984 | B08 | 1.15 | Y |
| 4 | 5 | 1984 | B09 | 1.15 | Y |
| 4 | 5 | 1984 | B10 | 1.16 | Y |
| 4 | 5 | 1984 | B11 | 1.15 | Y |
| 4 | 5 | 1984 | B12 | 1.09 | Y |
| 6 | 5 | 1984 | B01 | | |
| 6 | 5 | 1984 | B02 | | |
| 6 | 5 | 1984 | B03 | | |
| 6 | 5 | 1984 | B06 | | |
| 6 | 5 | 1984 | B07 | | |
| 6 | 5 | 1984 | B08 | | |
| 6 | 5 | 1984 | B09 | | |
| 6 | 5 | 1984 | B10 | | |
| 6 | 5 | 1984 | B11 | | |
| 6 | 5 | 1984 | B12 | | |
| 7 | 5 | 1984 | B01 | | |
| 7 | 5 | 1984 | B02 | | |
| 7 | 5 | 1984 | B03 | | |
| 7 | 5 | 1984 | B06 | | |
| 7 | 5 | 1984 | B07 | | |
| 7 | 5 | 1984 | B08 | | |
| 7 | 5 | 1984 | B09 | | |
| 7 | 5 | 1984 | B10 | | |
| 7 | 5 | 1984 | B11 | | |
| 7 | 5 | 1984 | B12 | | |
| 8 | 5 | 1984 | B01 | | |
| 8 | 5 | 1984 | B02 | | |
| 8 | 5 | 1984 | B03 | | |
| 8 | 5 | 1984 | B06 | | |
| 8 | 5 | 1984 | B07 | | |
| 8 | 5 | 1984 | B08 | | |
| 8 | 5 | 1984 | B09 | | |
| 8 | 5 | 1984 | B10 | | |
| 8 | 5 | 1984 | B11 | | |
| 8 | 5 | 1984 | B12 | | |
| 9 | 5 | 1984 | B01 | | |
| 9 | 5 | 1984 | B02 | | |
| 9 | 5 | 1984 | B03 | | |
| 9 | 5 | 1984 | B06 | | |
| 9 | 5 | 1984 | B07 | | |
| 9 | 5 | 1984 | B08 | | |
| 9 | 5 | 1984 | B09 | | |
| 9 | 5 | 1984 | B10 | | |
| 9 | 5 | 1984 | B11 | | |
| 9 | 5 | 1984 | B12 | | |
| 10 | 5 | 1984 | B01 | | |
| 10 | 5 | 1984 | B02 | | |
| 10 | 5 | 1984 | B03 | | |
| 10 | 5 | 1984 | B06 | | |
| 10 | 5 | 1984 | B07 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle 1, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 10 | 5 | 1984 | B08 | | |
| 10 | 5 | 1984 | B09 | | |
| 10 | 5 | 1984 | B10 | | |
| 10 | 5 | 1984 | B11 | | |
| 10 | 5 | 1984 | B12 | | |
| 11 | 5 | 1984 | B01 | 1.14 | Y |
| 11 | 5 | 1984 | B02 | 1.15 | Y |
| 11 | 5 | 1984 | B03 | 1.15 | Y |
| 11 | 5 | 1984 | B06 | 1.12 | Y |
| 11 | 5 | 1984 | B07 | 1.16 | Y |
| 11 | 5 | 1984 | B08 | 1.16 | Y |
| 11 | 5 | 1984 | B09 | 1.15 | Y |
| 11 | 5 | 1984 | B10 | 1.16 | Y |
| 11 | 5 | 1984 | B11 | 1.16 | Y |
| 11 | 5 | 1984 | B12 | 1.05 | Y |
| 13 | 5 | 1984 | B01 | | |
| 13 | 5 | 1984 | B02 | | |
| 13 | 5 | 1984 | B03 | | |
| 13 | 5 | 1984 | B06 | | |
| 13 | 5 | 1984 | B07 | | |
| 13 | 5 | 1984 | B08 | | |
| 13 | 5 | 1984 | B09 | | |
| 13 | 5 | 1984 | B10 | | |
| 13 | 5 | 1984 | B11 | | |
| 13 | 5 | 1984 | B12 | | |
| 14 | 5 | 1984 | B01 | | |
| 14 | 5 | 1984 | B02 | | |
| 14 | 5 | 1984 | B03 | | |
| 14 | 5 | 1984 | B06 | | |
| 14 | 5 | 1984 | B07 | | |
| 14 | 5 | 1984 | B08 | | |
| 14 | 5 | 1984 | B09 | | |
| 14 | 5 | 1984 | B10 | | |
| 14 | 5 | 1984 | B11 | | |
| 14 | 5 | 1984 | B12 | | |
| 15 | 5 | 1984 | B01 | | |
| 15 | 5 | 1984 | B02 | | |
| 15 | 5 | 1984 | B03 | | |
| 15 | 5 | 1984 | B06 | | |
| 15 | 5 | 1984 | B07 | | |
| 15 | 5 | 1984 | B08 | | |
| 15 | 5 | 1984 | B09 | | |
| 15 | 5 | 1984 | B10 | | |
| 15 | 5 | 1984 | B11 | | |
| 15 | 5 | 1984 | B12 | | |
| 16 | 5 | 1984 | B01 | | |
| 16 | 5 | 1984 | B02 | | |
| 16 | 5 | 1984 | B03 | | |
| 16 | 5 | 1984 | B06 | | |
| 16 | 5 | 1984 | B07 | | |
| 16 | 5 | 1984 | B08 | | |
| 16 | 5 | 1984 | B09 | | |
| 16 | 5 | 1984 | B10 | | |
| 16 | 5 | 1984 | B11 | | |
| 16 | 5 | 1984 | B12 | | |
| 17 | 5 | 1984 | B01 | | |
| 17 | 5 | 1984 | B02 | | |
| 17 | 5 | 1984 | B03 | | |
| 17 | 5 | 1984 | B06 | | |
| 17 | 5 | 1984 | B07 | | |
| 17 | 5 | 1984 | B08 | | |
| 17 | 5 | 1984 | B09 | | |
| 17 | 5 | 1984 | B10 | | |
| 17 | 5 | 1984 | B11 | | |
| 17 | 5 | 1984 | B12 | | |
| 18 | 5 | 1984 | B01 | 1.15 | Y |
| 18 | 5 | 1984 | B02 | 1.18 | Y |
| 18 | 5 | 1984 | B03 | 1.15 | Y |
| 18 | 5 | 1984 | B06 | 1.12 | Y |
| 18 | 5 | 1984 | B07 | 1.14 | Y |
| 18 | 5 | 1984 | B08 | 1.16 | Y |
| 18 | 5 | 1984 | B09 | 1.15 | Y |
| 18 | 5 | 1984 | B10 | 1.15 | Y |
| 18 | 5 | 1984 | B11 | 1.17 | Y |
| 18 | 5 | 1984 | B12 | 1.07 | Y |
| 20 | 5 | 1984 | B01 | | |
| 20 | 5 | 1984 | B02 | | |
| 20 | 5 | 1984 | B03 | | |
| 20 | 5 | 1984 | B06 | | |
| 20 | 5 | 1984 | B07 | | |
| 20 | 5 | 1984 | B08 | | |
| 20 | 5 | 1984 | B09 | | |
| 20 | 5 | 1984 | B10 | | |
| 20 | 5 | 1984 | B11 | | |
| 20 | 5 | 1984 | B12 | | |
| 21 | 5 | 1984 | B01 | | |
| 21 | 5 | 1984 | B02 | | |
| 21 | 5 | 1984 | B03 | | |
| 21 | 5 | 1984 | B06 | | |
| 21 | 5 | 1984 | B07 | | |
| 21 | 5 | 1984 | B08 | | |
| 21 | 5 | 1984 | B09 | | |
| 21 | 5 | 1984 | B10 | | |
| 21 | 5 | 1984 | B11 | | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 21 | 5 | 1984 | B12 | | |
| 22 | 5 | 1984 | B01 | | |
| 22 | 5 | 1984 | B02 | | |
| 22 | 5 | 1984 | B03 | | |
| 22 | 5 | 1984 | B06 | | |
| 22 | 5 | 1984 | B07 | | |
| 22 | 5 | 1984 | B08 | | |
| 22 | 5 | 1984 | B09 | | |
| 22 | 5 | 1984 | B10 | | |
| 22 | 5 | 1984 | B11 | | |
| 22 | 5 | 1984 | B12 | | |
| 23 | 5 | 1984 | B01 | | |
| 23 | 5 | 1984 | B02 | | |
| 23 | 5 | 1984 | B03 | | |
| 23 | 5 | 1984 | B06 | | |
| 23 | 5 | 1984 | B07 | | |
| 23 | 5 | 1984 | B08 | | |
| 23 | 5 | 1984 | B09 | | |
| 23 | 5 | 1984 | B10 | | |
| 23 | 5 | 1984 | B11 | | |
| 23 | 5 | 1984 | B12 | | |
| 24 | 5 | 1984 | B01 | | |
| 24 | 5 | 1984 | B02 | | |
| 24 | 5 | 1984 | B03 | | |
| 24 | 5 | 1984 | B06 | | |
| 24 | 5 | 1984 | B07 | | |
| 24 | 5 | 1984 | B08 | | |
| 24 | 5 | 1984 | B09 | | |
| 24 | 5 | 1984 | B10 | | |
| 24 | 5 | 1984 | B11 | | |
| 24 | 5 | 1984 | B12 | | |
| 25 | 5 | 1984 | B01 | | Y |
| 25 | 5 | 1984 | B02 | 1.15 | Y |
| 25 | 5 | 1984 | B03 | 1.16 | Y |
| 25 | 5 | 1984 | B06 | 1.07 | Y |
| 25 | 5 | 1984 | B07 | 1.16 | Y |
| 25 | 5 | 1984 | B08 | 1.15 | Y |
| 25 | 5 | 1984 | B09 | 1.16 | Y |
| 25 | 5 | 1984 | B10 | 1.14 | Y |
| 25 | 5 | 1984 | B11 | 1.16 | Y |
| 25 | 5 | 1984 | B12 | 1.09 | Y |
| 31 | 5 | 1984 | B01 | 1.25 | |
| 31 | 5 | 1984 | B02 | 1.29 | |
| 31 | 5 | 1984 | B03 | 1.26 | |
| 31 | 5 | 1984 | B06 | 1.23 | |
| 31 | 5 | 1984 | B07 | 1.28 | |
| 31 | 5 | 1984 | B08 | 1.26 | |
| 31 | 5 | 1984 | B09 | 1.275 | |
| 31 | 5 | 1984 | B10 | 1.28 | |
| 31 | 5 | 1984 | B11 | 1.26 | |
| 31 | 5 | 1984 | B12 | 1.2 | Y |
| 1 | 6 | 1984 | B01 | 1.27 | |
| 1 | 6 | 1984 | B02 | 1.3 | |
| 1 | 6 | 1984 | B03 | 1.28 | |
| 1 | 6 | 1984 | B06 | 1.24 | |
| 1 | 6 | 1984 | B07 | 1.29 | |
| 1 | 6 | 1984 | B08 | 1.28 | |
| 1 | 6 | 1984 | B09 | 1.3 | |
| 1 | 6 | 1984 | B10 | 1.29 | |
| 1 | 6 | 1984 | B11 | 1.26 | |
| 1 | 6 | 1984 | B12 | 1.23 | |
| 3 | 6 | 1984 | B01 | | |
| 3 | 6 | 1984 | B02 | | |
| 3 | 6 | 1984 | B03 | | |
| 3 | 6 | 1984 | B06 | | |
| 3 | 6 | 1984 | B07 | | |
| 3 | 6 | 1984 | B08 | | |
| 3 | 6 | 1984 | B09 | | |
| 3 | 6 | 1984 | B10 | | |
| 3 | 6 | 1984 | B11 | | |
| 3 | 6 | 1984 | B12 | | |
| 4 | 6 | 1984 | B01 | 1.24 | |
| 4 | 6 | 1984 | B02 | 1.28 | |
| 4 | 6 | 1984 | B03 | 1.27 | |
| 4 | 6 | 1984 | B06 | 1.2 | |
| 4 | 6 | 1984 | B07 | 1.28 | |
| 4 | 6 | 1984 | B08 | 1.26 | |
| 4 | 6 | 1984 | B09 | 1.27 | |
| 4 | 6 | 1984 | B10 | 1.27 | |
| 4 | 6 | 1984 | B11 | 1.24 | |
| 4 | 6 | 1984 | B12 | 1.2 | |
| 5 | 6 | 1984 | B01 | | |
| 5 | 6 | 1984 | B02 | | |
| 5 | 6 | 1984 | B03 | | |
| 5 | 6 | 1984 | B06 | | |
| 5 | 6 | 1984 | B07 | | |
| 5 | 6 | 1984 | B08 | | |
| 5 | 6 | 1984 | B09 | | |
| 5 | 6 | 1984 | B10 | | |
| 5 | 6 | 1984 | B11 | | |
| 5 | 6 | 1984 | B12 | | |
| 6 | 6 | 1984 | B01 | 1.23 | |
| 6 | 6 | 1984 | B02 | 1.27 | |
| 6 | 6 | 1984 | B03 | 1.26 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 6 | 6 | 1984 | B06 | 1.19 |
| 6 | 6 | 1984 | B07 | 1.27 |
| 6 | 6 | 1984 | B08 | 1.26 |
| 6 | 6 | 1984 | B09 | 1.27 |
| 6 | 6 | 1984 | B10 | 1.27 |
| 6 | 6 | 1984 | B11 | 1.24 |
| 6 | 6 | 1984 | B12 | 1.2 |
| 7 | 6 | 1984 | B01 | 1.2 |
| 7 | 6 | 1984 | B02 | 1.25 |
| 7 | 6 | 1984 | B03 | 1.24 |
| 7 | 6 | 1984 | B06 | 1.17 |
| 7 | 6 | 1984 | B07 | 1.25 |
| 7 | 6 | 1984 | B08 | 1.24 |
| 7 | 6 | 1984 | B09 | 1.25 |
| 7 | 6 | 1984 | B10 | 1.25 |
| 7 | 6 | 1984 | B11 | 1.22 |
| 7 | 6 | 1984 | B12 | 1.17 |
| 8 | 6 | 1984 | B01 | 1.22 |
| 8 | 6 | 1984 | B02 | 1.27 |
| 8 | 6 | 1984 | B03 | 1.26 |
| 8 | 6 | 1984 | B06 | 1.17 |
| 8 | 6 | 1984 | B07 | 1.265 |
| 8 | 6 | 1984 | B08 | 1.25 |
| 8 | 6 | 1984 | B09 | 1.27 |
| 8 | 6 | 1984 | B10 | 1.27 |
| 8 | 6 | 1984 | B11 | 1.23 |
| 8 | 6 | 1984 | B12 | 1.19 |
| 10 | 6 | 1984 | B01 | |
| 10 | 6 | 1984 | B02 | |
| 10 | 6 | 1984 | B03 | |
| 10 | 6 | 1984 | B06 | |
| 10 | 6 | 1984 | B07 | |
| 10 | 6 | 1984 | B08 | |
| 10 | 6 | 1984 | B09 | |
| 10 | 6 | 1984 | B10 | |
| 10 | 6 | 1984 | B11 | |
| 10 | 6 | 1984 | B12 | |
| 11 | 6 | 1984 | B01 | 1.18 |
| 11 | 6 | 1984 | B02 | 1.24 |
| 11 | 6 | 1984 | B03 | 1.23 |
| 11 | 6 | 1984 | B06 | 1.14 |
| 11 | 6 | 1984 | B07 | 1.24 |
| 11 | 6 | 1984 | B08 | 1.22 |
| 11 | 6 | 1984 | B09 | 1.24 |
| 11 | 6 | 1984 | B10 | 1.24 |
| 11 | 6 | 1984 | B11 | 1.22 |
| 11 | 6 | 1984 | B12 | 1.16 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 11 | 7 | 1984 | B01 | 1.3 |
| 11 | 7 | 1984 | B02 | 1.34 |
| 11 | 7 | 1984 | B03 | 1.26 |
| 11 | 7 | 1984 | B04 | 1.28 |
| 11 | 7 | 1984 | B05 | 1.28 |
| 11 | 7 | 1984 | B06 | 1.18 |
| 11 | 7 | 1984 | B07 | 1.3 |
| 11 | 7 | 1984 | B08 | 1.16 |
| 11 | 7 | 1984 | B09 | 1.22 |
| 11 | 7 | 1984 | B10 | 1.34 |
| 11 | 7 | 1984 | B11 | 1.22 |
| 11 | 7 | 1984 | B12 | 1.06 |
| 12 | 7 | 1984 | B01 | 1.28 |
| 12 | 7 | 1984 | B02 | 1.34 |
| 12 | 7 | 1984 | B03 | 1.26 |
| 12 | 7 | 1984 | B04 | 1.28 |
| 12 | 7 | 1984 | B05 | 1.28 |
| 12 | 7 | 1984 | B06 | 1.18 |
| 12 | 7 | 1984 | B07 | 1.3 |
| 12 | 7 | 1984 | B08 | 1.16 |
| 12 | 7 | 1984 | B09 | 1.24 |
| 12 | 7 | 1984 | B10 | 1.34 |
| 12 | 7 | 1984 | B11 | 1.24 |
| 12 | 7 | 1984 | B12 | 1.06 |
| 13 | 7 | 1984 | B01 | 1.28 |
| 13 | 7 | 1984 | B02 | 1.34 |
| 13 | 7 | 1984 | B03 | 1.26 |
| 13 | 7 | 1984 | B04 | 1.26 |
| 13 | 7 | 1984 | B05 | 1.26 |
| 13 | 7 | 1984 | B06 | 1.26 |
| 13 | 7 | 1984 | B07 | 1.3 |
| 13 | 7 | 1984 | B08 | 1.26 |
| 13 | 7 | 1984 | B09 | 1.22 |
| 13 | 7 | 1984 | B10 | 1.34 |
| 13 | 7 | 1984 | B11 | 1.22 |
| 13 | 7 | 1984 | B12 | 1.1 |
| 16 | 7 | 1984 | B01 | 1.24 |
| 16 | 7 | 1984 | B02 | 1.32 |
| 16 | 7 | 1984 | B03 | 1.24 |
| 16 | 7 | 1984 | B04 | 1.26 |
| 16 | 7 | 1984 | B05 | 1.24 |
| 16 | 7 | 1984 | B06 | 1.16 |
| 16 | 7 | 1984 | B07 | 1.3 |
| 16 | 7 | 1984 | B08 | 1.14 |
| 16 | 7 | 1984 | B09 | 1.2 |
| 16 | 7 | 1984 | B10 | 1.32 |
| 16 | 7 | 1984 | B11 | 1.2 |
| 16 | 7 | 1984 | B12 | 9.6 |
| 17 | 7 | 1984 | B01 | 1.24 |
| 17 | 7 | 1984 | B02 | 1.32 |
| 17 | 7 | 1984 | B03 | 1.24 |
| 17 | 7 | 1984 | B04 | 1.26 |
| 17 | 7 | 1984 | B05 | 1.26 |
| 17 | 7 | 1984 | B06 | 1.2 |
| 17 | 7 | 1984 | B07 | 1.3 |
| 17 | 7 | 1984 | B08 | 1.2 |
| 17 | 7 | 1984 | B09 | 1.2 |
| 17 | 7 | 1984 | B10 | 1.32 |
| 17 | 7 | 1984 | B11 | 1.2 |
| 17 | 7 | 1984 | B12 | 1.2 |
| 18 | 7 | 1984 | B01 | 1.22 |
| 18 | 7 | 1984 | B02 | 1.31 |
| 18 | 7 | 1984 | B03 | 1.22 |
| 18 | 7 | 1984 | B04 | 1.24 |
| 18 | 7 | 1984 | B05 | 1.24 |
| 18 | 7 | 1984 | B06 | 1.18 |
| 18 | 7 | 1984 | B07 | 1.29 |
| 18 | 7 | 1984 | B08 | 1.18 |
| 18 | 7 | 1984 | B09 | 1.2 |
| 18 | 7 | 1984 | B10 | 1.32 |
| 18 | 7 | 1984 | B11 | 1.18 |
| 18 | 7 | 1984 | B12 | 1.16 |
| 19 | 7 | 1984 | B01 | 1.2 |
| 19 | 7 | 1984 | B02 | 1.2 |
| 19 | 7 | 1984 | B03 | 1.22 |
| 19 | 7 | 1984 | B04 | 1.24 |
| 19 | 7 | 1984 | B05 | 1.16 |
| 19 | 7 | 1984 | B06 | 1.18 |
| 19 | 7 | 1984 | B07 | 1.2 |
| 19 | 7 | 1984 | B08 | 1.18 |
| 19 | 7 | 1984 | B09 | 1.19 |
| 19 | 7 | 1984 | B10 | 1.2 |
| 19 | 7 | 1984 | B11 | 1.16 |
| 19 | 7 | 1984 | B12 | 1.16 |
| 20 | 7 | 1984 | B01 | 1.2 |
| 20 | 7 | 1984 | B02 | 1.22 |
| 20 | 7 | 1984 | B03 | 1.22 |
| 20 | 7 | 1984 | B04 | 1.22 |
| 20 | 7 | 1984 | B05 | 1.16 |
| 20 | 7 | 1984 | B06 | 1.18 |
| 20 | 7 | 1984 | B07 | 1.2 |
| 20 | 7 | 1984 | B08 | 1.18 |
| 20 | 7 | 1984 | B09 | 1.18 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 20 | 7 | 1984 | B10 | 1.2 |
| 20 | 7 | 1984 | B11 | 1.16 |
| 20 | 7 | 1984 | B12 | 1.13 |
| 23 | 7 | 1984 | B01 | 1.18 |
| 23 | 7 | 1984 | B02 | 1.2 |
| 23 | 7 | 1984 | B03 | 1.22 |
| 23 | 7 | 1984 | B04 | 1.24 |
| 23 | 7 | 1984 | B05 | 1.16 |
| 23 | 7 | 1984 | B06 | 1.17 |
| 23 | 7 | 1984 | B07 | 1.2 |
| 23 | 7 | 1984 | B08 | 1.18 |
| 23 | 7 | 1984 | B09 | 1.18 |
| 23 | 7 | 1984 | B10 | 1.2 |
| 23 | 7 | 1984 | B11 | 1.14 |
| 23 | 7 | 1984 | B12 | 1.08 |
| 24 | 7 | 1984 | B01 | 1.16 |
| 24 | 7 | 1984 | B02 | 1.2 |
| 24 | 7 | 1984 | B03 | 1.2 |
| 24 | 7 | 1984 | B04 | 1.24 |
| 24 | 7 | 1984 | B05 | 1.16 |
| 24 | 7 | 1984 | B06 | 1.16 |
| 24 | 7 | 1984 | B07 | 1.2 |
| 24 | 7 | 1984 | B08 | 1.16 |
| 24 | 7 | 1984 | B09 | 1.16 |
| 24 | 7 | 1984 | B10 | 1.2 |
| 24 | 7 | 1984 | B11 | 1.14 |
| 24 | 7 | 1984 | B12 | 1.06 |
| 25 | 7 | 1984 | B01 | 1.16 |
| 25 | 7 | 1984 | B02 | 1.2 |
| 25 | 7 | 1984 | B03 | 1.2 |
| 25 | 7 | 1984 | B04 | 1.24 |
| 25 | 7 | 1984 | B05 | 1.14 |
| 25 | 7 | 1984 | B06 | 1.15 |
| 25 | 7 | 1984 | B07 | 1.2 |
| 25 | 7 | 1984 | B08 | 1.16 |
| 25 | 7 | 1984 | B09 | 1.16 |
| 25 | 7 | 1984 | B10 | 1.18 |
| 25 | 7 | 1984 | B11 | 1.14 |
| 25 | 7 | 1984 | B12 | 1.06 |
| 26 | 7 | 1984 | B01 | 1.16 |
| 26 | 7 | 1984 | B02 | 1.2 |
| 26 | 7 | 1984 | B03 | 1.2 |
| 26 | 7 | 1984 | B04 | 1.2 |
| 26 | 7 | 1984 | B05 | 1.14 |
| 26 | 7 | 1984 | B06 | 1.14 |
| 26 | 7 | 1984 | B07 | 1.19 |
| 26 | 7 | 1984 | B08 | 1.16 |

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 26 | 7 | 1984 | B09 | 1.16 | |
| 26 | 7 | 1984 | B10 | 1.18 | |
| 26 | 7 | 1984 | B11 | 1.1 | |
| 26 | 7 | 1984 | B12 | 1.04 | |
| 29 | 7 | 1984 | B01 | 1.16 | |
| 29 | 7 | 1984 | B02 | 1.22 | |
| 29 | 7 | 1984 | B03 | 1.22 | |
| 29 | 7 | 1984 | B04 | 1.24 | |
| 29 | 7 | 1984 | B05 | | |
| 29 | 7 | 1984 | B06 | 1.17 | |
| 29 | 7 | 1984 | B07 | 1.2 | |
| 29 | 7 | 1984 | B08 | 1.17 | |
| 29 | 7 | 1984 | B09 | 1.17 | |
| 29 | 7 | 1984 | B10 | 1.2 | |
| 29 | 7 | 1984 | B11 | 1.12 | |
| 29 | 7 | 1984 | B12 | 1.05 | |
| 30 | 7 | 1984 | B01 | 1.14 | |
| 30 | 7 | 1984 | B02 | 1.2 | |
| 30 | 7 | 1984 | B03 | 1.2 | |
| 30 | 7 | 1984 | B04 | 1.24 | |
| 30 | 7 | 1984 | B05 | 1.03 | |
| 30 | 7 | 1984 | B06 | 1.16 | |
| 30 | 7 | 1984 | B07 | 1.2 | |
| 30 | 7 | 1984 | B08 | 1.16 | |
| 30 | 7 | 1984 | B09 | 1.16 | |
| 30 | 7 | 1984 | B10 | 1.2 | |
| 30 | 7 | 1984 | B11 | 1.12 | |
| 30 | 7 | 1984 | B12 | 9. | |
| 31 | 7 | 1984 | B01 | 1.14 | |
| 31 | 7 | 1984 | B02 | 1.2 | |
| 31 | 7 | 1984 | B03 | 1.2 | |
| 31 | 7 | 1984 | B04 | 1.22 | |
| 31 | 7 | 1984 | B05 | 1. | |
| 31 | 7 | 1984 | B06 | 1.14 | |
| 31 | 7 | 1984 | B07 | 1.2 | |
| 31 | 7 | 1984 | B08 | 1.16 | |
| 31 | 7 | 1984 | B09 | 1.16 | |
| 31 | 7 | 1984 | B10 | 1.18 | |
| 31 | 7 | 1984 | B11 | 1.12 | |
| 31 | 7 | 1984 | B12 | 1. | |
| 1 | 8 | 1984 | B01 | 1.15 | Y |
| 1 | 8 | 1984 | B02 | 1.2 | |
| 1 | 8 | 1984 | B03 | 1.2 | |
| 1 | 8 | 1984 | B04 | 1.24 | |
| 1 | 8 | 1984 | B05 | 1. | |
| 1 | 8 | 1984 | B06 | 1.15 | Y |
| 1 | 8 | 1984 | B07 | 1.2 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 1 | 8 | 1984 | B08 | 1.17 | Y |
| 1 | 8 | 1984 | B09 | 1.17 | Y |
| 1 | 8 | 1984 | B10 | 1.19 | |
| 1 | 8 | 1984 | B11 | 1.09 | Y |
| 1 | 8 | 1984 | B12 | 1. | Y |
| 2 | 8 | 1984 | B01 | 1.18 | |
| 2 | 8 | 1984 | B02 | 1.2 | |
| 2 | 8 | 1984 | B03 | 1.2 | |
| 2 | 8 | 1984 | B04 | 1.24 | |
| 2 | 8 | 1984 | B05 | 9.8 | Y |
| 2 | 8 | 1984 | B06 | 1.2 | |
| 2 | 8 | 1984 | B07 | 1.2 | |
| 2 | 8 | 1984 | B08 | 1.18 | |
| 2 | 8 | 1984 | B09 | 1.18 | |
| 2 | 8 | 1984 | B10 | 1.19 | |
| 2 | 8 | 1984 | B11 | 1.18 | |
| 2 | 8 | 1984 | B12 | 1.18 | |
| 3 | 8 | 1984 | B01 | 1.18 | |
| 3 | 8 | 1984 | B02 | 1.2 | |
| 3 | 8 | 1984 | B03 | 1.16 | |
| 3 | 8 | 1984 | B04 | 1.24 | |
| 3 | 8 | 1984 | B05 | 1.2 | |
| 3 | 8 | 1984 | B06 | 1.2 | |
| 3 | 8 | 1984 | B07 | 1.2 | |
| 3 | 8 | 1984 | B08 | 1.18 | |
| 3 | 8 | 1984 | B09 | 1.18 | |
| 3 | 8 | 1984 | B10 | 1.18 | |
| 3 | 8 | 1984 | B11 | 1.18 | |
| 3 | 8 | 1984 | B12 | 1.18 | |
| 6 | 8 | 1984 | B01 | 1.17 | |
| 6 | 8 | 1984 | B02 | 1.2 | |
| 6 | 8 | 1984 | B03 | 1.15 | |
| 6 | 8 | 1984 | B04 | 1.2 | |
| 6 | 8 | 1984 | B05 | 1.19 | |
| 6 | 8 | 1984 | B06 | 1.2 | |
| 6 | 8 | 1984 | B07 | 1.19 | |
| 6 | 8 | 1984 | B08 | 1.18 | |
| 6 | 8 | 1984 | B09 | 1.18 | |
| 6 | 8 | 1984 | B10 | 1.18 | |
| 6 | 8 | 1984 | B11 | 1.15 | |
| 6 | 8 | 1984 | B12 | 1.15 | |
| 7 | 8 | 1984 | B01 | 1.16 | |
| 7 | 8 | 1984 | B02 | 1.18 | |
| 7 | 8 | 1984 | B03 | 1.15 | |
| 7 | 8 | 1984 | B04 | 1.2 | |
| 7 | 8 | 1984 | B05 | 1.18 | |
| 7 | 8 | 1984 | B06 | 1.18 | |
| 7 | 8 | 1984 | B07 | 1.19 | |
| 7 | 8 | 1984 | B08 | 1.17 | |
| 7 | 8 | 1984 | B09 | 1.16 | |
| 7 | 8 | 1984 | B10 | 1.17 | |
| 7 | 8 | 1984 | B11 | 1.16 | |
| 7 | 8 | 1984 | B12 | 1.13 | |
| 9 | 8 | 1984 | B01 | 1.14 | |
| 9 | 8 | 1984 | B02 | 1.16 | |
| 9 | 8 | 1984 | B03 | 1.12 | |
| 9 | 8 | 1984 | B04 | 1.16 | |
| 9 | 8 | 1984 | B05 | 1.18 | |
| 9 | 8 | 1984 | B06 | 1.16 | |
| 9 | 8 | 1984 | B07 | 1.16 | |
| 9 | 8 | 1984 | B08 | 1.16 | |
| 9 | 8 | 1984 | B09 | 1.14 | |
| 9 | 8 | 1984 | B10 | 1.16 | |
| 9 | 8 | 1984 | B11 | 1.14 | |
| 9 | 8 | 1984 | B12 | 1.1 | |
| 10 | 8 | 1984 | B01 | 1.14 | |
| 10 | 8 | 1984 | B02 | 1.16 | |
| 10 | 8 | 1984 | B03 | 1.12 | |
| 10 | 8 | 1984 | B04 | 1.18 | |
| 10 | 8 | 1984 | B05 | 1.16 | |
| 10 | 8 | 1984 | B06 | 1.15 | |
| 10 | 8 | 1984 | B07 | 1.16 | |
| 10 | 8 | 1984 | B08 | 1.16 | |
| 10 | 8 | 1984 | B09 | 1.14 | |
| 10 | 8 | 1984 | B10 | 1.15 | |
| 10 | 8 | 1984 | B11 | 1.14 | |
| 10 | 8 | 1984 | B12 | 1.09 | |
| 13 | 8 | 1984 | B01 | 1.2 | |
| 13 | 8 | 1984 | B02 | 1.2 | |
| 13 | 8 | 1984 | B03 | 1.2 | |
| 13 | 8 | 1984 | B04 | 1.2 | |
| 13 | 8 | 1984 | B05 | 1.2 | |
| 13 | 8 | 1984 | B06 | 1.2 | |
| 13 | 8 | 1984 | B07 | 1.2 | |
| 13 | 8 | 1984 | B08 | 1.2 | |
| 13 | 8 | 1984 | B09 | 1.2 | |
| 13 | 8 | 1984 | B10 | 1.2 | |
| 13 | 8 | 1984 | B11 | 1.2 | |
| 13 | 8 | 1984 | B12 | 1. | Y |
| 14 | 8 | 1984 | B01 | 1.18 | |
| 14 | 8 | 1984 | B02 | 1.2 | |
| 14 | 8 | 1984 | B03 | 1.2 | |
| 14 | 8 | 1984 | B04 | 1.2 | |
| 14 | 8 | 1984 | B05 | 1.2 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 14 | 8 | 1984 | B06 | 1.2 | |
| 14 | 8 | 1984 | B07 | 1.2 | |
| 14 | 8 | 1984 | B08 | 1.2 | |
| 14 | 8 | 1984 | B09 | 1.2 | |
| 14 | 8 | 1984 | B10 | 1.2 | |
| 14 | 8 | 1984 | B11 | 1.2 | |
| 14 | 8 | 1984 | B12 | 1.18 | |
| 15 | 8 | 1984 | B01 | 1.17 | |
| 15 | 8 | 1984 | B02 | 1.18 | |
| 15 | 8 | 1984 | B03 | 1.19 | |
| 15 | 8 | 1984 | B04 | 1.19 | |
| 15 | 8 | 1984 | B05 | 1.2 | |
| 15 | 8 | 1984 | B06 | 1.18 | |
| 15 | 8 | 1984 | B07 | 1.2 | |
| 15 | 8 | 1984 | B08 | 1.2 | |
| 15 | 8 | 1984 | B09 | 1.2 | |
| 15 | 8 | 1984 | B10 | 1.18 | |
| 15 | 8 | 1984 | B11 | 1.2 | |
| 15 | 8 | 1984 | B12 | 1.18 | |
| 16 | 8 | 1984 | B01 | 1.16 | |
| 16 | 8 | 1984 | B02 | 1.18 | |
| 16 | 8 | 1984 | B03 | 1.18 | |
| 16 | 8 | 1984 | B04 | 1.18 | |
| 16 | 8 | 1984 | B05 | 1.2 | |
| 16 | 8 | 1984 | B06 | 1.18 | |
| 16 | 8 | 1984 | B07 | 1.2 | |
| 16 | 8 | 1984 | B08 | 1.19 | |
| 16 | 8 | 1984 | B09 | 1.18 | |
| 16 | 8 | 1984 | B10 | 1.18 | |
| 16 | 8 | 1984 | B11 | 1.18 | |
| 16 | 8 | 1984 | B12 | 1.16 | |
| 17 | 8 | 1984 | B01 | 1.17 | Y |
| 17 | 8 | 1984 | B02 | 1.18 | Y |
| 17 | 8 | 1984 | B03 | 1.18 | Y |
| 17 | 8 | 1984 | B04 | 1.18 | Y |
| 17 | 8 | 1984 | B05 | 1.2 | |
| 17 | 8 | 1984 | B06 | 1.17 | Y |
| 17 | 8 | 1984 | B07 | 1.2 | |
| 17 | 8 | 1984 | B08 | 1.18 | Y |
| 17 | 8 | 1984 | B09 | 1.18 | Y |
| 17 | 8 | 1984 | B10 | 1.18 | Y |
| 17 | 8 | 1984 | B11 | 1.18 | Y |
| 17 | 8 | 1984 | B12 | 1.2 | |
| 20 | 8 | 1984 | B01 | 1.2 | |
| 20 | 8 | 1984 | B02 | 1.2 | |
| 20 | 8 | 1984 | B03 | 1.2 | |
| 20 | 8 | 1984 | B04 | 1.2 | |
| 20 | 8 | 1984 | B05 | 1.2 | |
| 20 | 8 | 1984 | B06 | 1.2 | |
| 20 | 8 | 1984 | B07 | 1.2 | |
| 20 | 8 | 1984 | B08 | 1.2 | |
| 20 | 8 | 1984 | B09 | 1.2 | |
| 20 | 8 | 1984 | B10 | 1.2 | |
| 20 | 8 | 1984 | B11 | 1.2 | |
| 20 | 8 | 1984 | B12 | 1.2 | |
| 21 | 8 | 1984 | B01 | 1.2 | |
| 21 | 8 | 1984 | B02 | 1.2 | |
| 21 | 8 | 1984 | B03 | 1.2 | |
| 21 | 8 | 1984 | B04 | 1.2 | |
| 21 | 8 | 1984 | B05 | 1.2 | |
| 21 | 8 | 1984 | B06 | 1.2 | |
| 21 | 8 | 1984 | B07 | 1.2 | |
| 21 | 8 | 1984 | B08 | 1.2 | |
| 21 | 8 | 1984 | B09 | 1.2 | |
| 21 | 8 | 1984 | B10 | 1.2 | |
| 21 | 8 | 1984 | B11 | 1.2 | |
| 21 | 8 | 1984 | B12 | 1.2 | |
| 22 | 8 | 1984 | B01 | 1.2 | |
| 22 | 8 | 1984 | B02 | 1.2 | |
| 22 | 8 | 1984 | B03 | 1.2 | |
| 22 | 8 | 1984 | B04 | 1.2 | |
| 22 | 8 | 1984 | B05 | 1.2 | |
| 22 | 8 | 1984 | B06 | 1.2 | |
| 22 | 8 | 1984 | B07 | 1.2 | |
| 22 | 8 | 1984 | B08 | 1.2 | |
| 22 | 8 | 1984 | B09 | 1.2 | |
| 22 | 8 | 1984 | B10 | 1.2 | |
| 22 | 8 | 1984 | B11 | 1.2 | |
| 22 | 8 | 1984 | B12 | 1.18 | |
| 23 | 8 | 1984 | B01 | 1.18 | |
| 23 | 8 | 1984 | B02 | 1.2 | |
| 23 | 8 | 1984 | B03 | 1.2 | |
| 23 | 8 | 1984 | B04 | 1.2 | |
| 23 | 8 | 1984 | B05 | 1.2 | |
| 23 | 8 | 1984 | B06 | 1.18 | |
| 23 | 8 | 1984 | B07 | 1.2 | |
| 23 | 8 | 1984 | B08 | 1.2 | |
| 23 | 8 | 1984 | B09 | 1.2 | |
| 23 | 8 | 1984 | B10 | 1.2 | |
| 23 | 8 | 1984 | B11 | 1.2 | |
| 23 | 8 | 1984 | B12 | 1.18 | |
| 24 | 8 | 1984 | B01 | 1.18 | Y |
| 24 | 8 | 1984 | B02 | 1.2 | |
| 24 | 8 | 1984 | B03 | 1.2 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 24 | 8 | 1984 | B04 | 1.2 |
| 24 | 8 | 1984 | B05 | 1.2 |
| 24 | 8 | 1984 | B06 | 1.8 |
| 24 | 8 | 1984 | B07 | 1.2 |
| 24 | 8 | 1984 | B08 | 1.2 |
| 24 | 8 | 1984 | B09 | 1.2 |
| 24 | 8 | 1984 | B10 | 1.2 |
| 24 | 8 | 1984 | B11 | 1.2 |
| 24 | 8 | 1984 | B12 | 1.18 |
| 27 | 8 | 1984 | B01 | 1.18 |
| 27 | 8 | 1984 | B02 | 1.18 |
| 27 | 8 | 1984 | B03 | 1.18 |
| 27 | 8 | 1984 | B04 | 1.18 |
| 27 | 8 | 1984 | B05 | 1.18 |
| 27 | 8 | 1984 | B06 | 1.18 |
| 27 | 8 | 1984 | B07 | 1.2 |
| 27 | 8 | 1984 | B08 | 1.18 |
| 27 | 8 | 1984 | B09 | 1.18 |
| 27 | 8 | 1984 | B10 | 1.18 |
| 27 | 8 | 1984 | B11 | 1.2 |
| 27 | 8 | 1984 | B12 | 1.18 |
| 28 | 8 | 1984 | B01 | 1.16 |
| 28 | 8 | 1984 | B02 | 1.18 |
| 28 | 8 | 1984 | B03 | 1.18 |
| 28 | 8 | 1984 | B04 | 1.18 |
| 28 | 8 | 1984 | B05 | 1.18 |
| 28 | 8 | 1984 | B06 | 1.18 |
| 28 | 8 | 1984 | B07 | 1.2 |
| 28 | 8 | 1984 | B08 | 1.18 |
| 28 | 8 | 1984 | B09 | 1.18 |
| 28 | 8 | 1984 | B10 | 1.18 |
| 28 | 8 | 1984 | B11 | 1.2 |
| 28 | 8 | 1984 | B12 | 1.16 |
| 29 | 8 | 1984 | B01 | 1.16 |
| 29 | 8 | 1984 | B02 | 1.18 |
| 29 | 8 | 1984 | B03 | 1.18 |
| 29 | 8 | 1984 | B04 | 1.18 |
| 29 | 8 | 1984 | B05 | 1.18 |
| 29 | 8 | 1984 | B06 | 1.17 |
| 29 | 8 | 1984 | B07 | 1.2 |
| 29 | 8 | 1984 | B08 | 1.18 |
| 29 | 8 | 1984 | B09 | 1.18 |
| 29 | 8 | 1984 | B10 | 1.18 |
| 29 | 8 | 1984 | B11 | 1.2 |
| 29 | 8 | 1984 | B12 | 1.16 |
| 30 | 8 | 1984 | B01 | 1.16 |
| 30 | 8 | 1984 | B02 | 1.18 |
| 30 | 8 | 1984 | B03 | 1.18 |
| 30 | 8 | 1984 | B04 | 1.18 |
| 30 | 8 | 1984 | B05 | 1.18 |
| 30 | 8 | 1984 | B06 | 1.16 |
| 30 | 8 | 1984 | B07 | 1.18 |
| 30 | 8 | 1984 | B08 | 1.18 |
| 30 | 8 | 1984 | B09 | 1.16 |
| 30 | 8 | 1984 | B10 | 1.18 |
| 30 | 8 | 1984 | B11 | 1.18 |
| 30 | 8 | 1984 | B12 | 1.16 |
| 31 | 8 | 1984 | B01 | 1.16 |
| 31 | 8 | 1984 | B02 | 1.18 |
| 31 | 8 | 1984 | B03 | 1.18 |
| 31 | 8 | 1984 | B04 | 1.18 |
| 31 | 8 | 1984 | B05 | 1.17 |
| 31 | 8 | 1984 | B06 | 1.16 |
| 31 | 8 | 1984 | B07 | 1.18 |
| 31 | 8 | 1984 | B08 | 1.18 |
| 31 | 8 | 1984 | B09 | 1.16 |
| 31 | 8 | 1984 | B10 | 1.18 |
| 31 | 8 | 1984 | B11 | 1.18 |
| 31 | 8 | 1984 | B12 | 1.16 |
| 3 | 9 | 1984 | B01 | 1.24 |
| 3 | 9 | 1984 | B02 | 1.25 |
| 3 | 9 | 1984 | B03 | 1.24 |
| 3 | 9 | 1984 | B04 | 1.24 |
| 3 | 9 | 1984 | B05 | 1.26 |
| 3 | 9 | 1984 | B06 | 1.28 |
| 3 | 9 | 1984 | B07 | 1.24 |
| 3 | 9 | 1984 | B08 | 1.26 |
| 3 | 9 | 1984 | B09 | 1.24 |
| 3 | 9 | 1984 | B10 | 1.22 |
| 3 | 9 | 1984 | B11 | 1.24 |
| 3 | 9 | 1984 | B12 | 1.24 |
| 4 | 9 | 1984 | B01 | 1.24 |
| 4 | 9 | 1984 | B02 | 1.24 |
| 4 | 9 | 1984 | B03 | 1.24 |
| 4 | 9 | 1984 | B04 | 1.24 |
| 4 | 9 | 1984 | B05 | 1.26 |
| 4 | 9 | 1984 | B06 | 1.27 |
| 4 | 9 | 1984 | B07 | 1.24 |
| 4 | 9 | 1984 | B08 | 1.26 |
| 4 | 9 | 1984 | B09 | 1.24 |
| 4 | 9 | 1984 | B10 | 1.2 |
| 4 | 9 | 1984 | B11 | 1.24 |
| 4 | 9 | 1984 | B12 | 1.24 |
| 5 | 9 | 1984 | B01 | 1.26 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 5 | 9 | 1984 | B02 | 1.26 |
| 5 | 9 | 1984 | B03 | 1.26 |
| 5 | 9 | 1984 | B04 | 1.26 |
| 5 | 9 | 1984 | B05 | 1.28 |
| 5 | 9 | 1984 | B06 | 1.3 |
| 5 | 9 | 1984 | B07 | 1.22 |
| 5 | 9 | 1984 | B08 | 1.26 |
| 5 | 9 | 1984 | B09 | 1.26 |
| 5 | 9 | 1984 | B10 | 1.2 |
| 5 | 9 | 1984 | B11 | 1.24 |
| 5 | 9 | 1984 | B12 | 1.26 |
| 6 | 9 | 1984 | B01 | 1.2 |
| 6 | 9 | 1984 | B02 | 1.24 |
| 6 | 9 | 1984 | B03 | 1.26 |
| 6 | 9 | 1984 | B04 | 1.26 |
| 6 | 9 | 1984 | B05 | 1.28 |
| 6 | 9 | 1984 | B06 | 1.28 |
| 6 | 9 | 1984 | B07 | 1.26 |
| 6 | 9 | 1984 | B08 | 1.26 |
| 6 | 9 | 1984 | B09 | 1.26 |
| 6 | 9 | 1984 | B10 | 1.2 |
| 6 | 9 | 1984 | B11 | 1.24 |
| 6 | 9 | 1984 | B12 | 1.26 |
| 7 | 9 | 1984 | B01 | 1.2 |
| 7 | 9 | 1984 | B02 | 1.23 |
| 7 | 9 | 1984 | B03 | 1.26 |
| 7 | 9 | 1984 | B04 | 1.26 |
| 7 | 9 | 1984 | B05 | 1.26 |
| 7 | 9 | 1984 | B06 | 1.28 |
| 7 | 9 | 1984 | B07 | 1.24 |
| 7 | 9 | 1984 | B08 | 1.26 |
| 7 | 9 | 1984 | B09 | 1.24 |
| 7 | 9 | 1984 | B10 | 1.2 |
| 7 | 9 | 1984 | B11 | 1.22 |
| 7 | 9 | 1984 | B12 | 1.24 |
| 10 | 9 | 1984 | B01 | 1.26 |
| 10 | 9 | 1984 | B02 | 1.24 |
| 10 | 9 | 1984 | B03 | 1.28 |
| 10 | 9 | 1984 | B04 | 1.28 |
| 10 | 9 | 1984 | B05 | 1.28 |
| 10 | 9 | 1984 | B06 | 1.29 |
| 10 | 9 | 1984 | B07 | 1.2 |
| 10 | 9 | 1984 | B08 | 1.28 |
| 10 | 9 | 1984 | B09 | 1.28 |
| 10 | 9 | 1984 | B10 | 1.22 |
| 10 | 9 | 1984 | B11 | 1.24 |
| 10 | 9 | 1984 | B12 | 1.26 |
| 11 | 9 | 1984 | B01 | 1.26 |
| 11 | 9 | 1984 | B02 | 1.24 |
| 11 | 9 | 1984 | B03 | 1.28 |
| 11 | 9 | 1984 | B04 | 1.28 |
| 11 | 9 | 1984 | B05 | 1.28 |
| 11 | 9 | 1984 | B06 | 1.3 |
| 11 | 9 | 1984 | B07 | 1.2 |
| 11 | 9 | 1984 | B08 | 1.28 |
| 11 | 9 | 1984 | B09 | 1.28 |
| 11 | 9 | 1984 | B10 | 1.2 |
| 11 | 9 | 1984 | B11 | 1.24 |
| 11 | 9 | 1984 | B12 | 1.26 |
| 12 | 9 | 1984 | B01 | 1.24 |
| 12 | 9 | 1984 | B02 | 1.24 |
| 12 | 9 | 1984 | B03 | 1.28 |
| 12 | 9 | 1984 | B04 | 1.28 |
| 12 | 9 | 1984 | B05 | 1.28 |
| 12 | 9 | 1984 | B06 | 1.28 |
| 12 | 9 | 1984 | B07 | 1.2 |
| 12 | 9 | 1984 | B08 | 1.28 |
| 12 | 9 | 1984 | B09 | 1.28 |
| 12 | 9 | 1984 | B10 | 1.2 |
| 12 | 9 | 1984 | B11 | 1.24 |
| 12 | 9 | 1984 | B12 | 1.26 |
| 13 | 9 | 1984 | B01 | 1.24 |
| 13 | 9 | 1984 | B02 | 1.24 |
| 13 | 9 | 1984 | B03 | 1.28 |
| 13 | 9 | 1984 | B04 | 1.28 |
| 13 | 9 | 1984 | B05 | 1.28 |
| 13 | 9 | 1984 | B06 | 1.28 |
| 13 | 9 | 1984 | B07 | 1.2 |
| 13 | 9 | 1984 | B08 | 1.28 |
| 13 | 9 | 1984 | B09 | 1.28 |
| 13 | 9 | 1984 | B10 | 1.2 |
| 13 | 9 | 1984 | B11 | 1.24 |
| 13 | 9 | 1984 | B12 | 1.26 |
| 14 | 9 | 1984 | B01 | 1.24 |
| 14 | 9 | 1984 | B02 | 1.22 |
| 14 | 9 | 1984 | B03 | 1.28 |
| 14 | 9 | 1984 | B04 | 1.28 |
| 14 | 9 | 1984 | B05 | 1.28 |
| 14 | 9 | 1984 | B06 | 1.28 |
| 14 | 9 | 1984 | B07 | 1.2 |
| 14 | 9 | 1984 | B08 | 1.28 |
| 14 | 9 | 1984 | B09 | 1.28 |
| 14 | 9 | 1984 | B10 | 1.2 |
| 14 | 9 | 1984 | B11 | 1.22 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 14 | 9 | 1984 | B12 | 1.26 |
| 17 | 9 | 1984 | B01 | 1.26 |
| 17 | 9 | 1984 | B02 | 1.24 |
| 17 | 9 | 1984 | B03 | 1.3 |
| 17 | 9 | 1984 | B04 | 1.28 |
| 17 | 9 | 1984 | B05 | 1.3 |
| 17 | 9 | 1984 | B06 | 1.3 |
| 17 | 9 | 1984 | B07 | 1.2 |
| 17 | 9 | 1984 | B08 | 1.3 |
| 17 | 9 | 1984 | B09 | 1.3 |
| 17 | 9 | 1984 | B10 | 1.2 |
| 17 | 9 | 1984 | B11 | 1.22 |
| 17 | 9 | 1984 | B12 | 1.28 |
| 18 | 9 | 1984 | B01 | 1.26 |
| 18 | 9 | 1984 | B02 | 1.24 |
| 18 | 9 | 1984 | B03 | 1.32 |
| 18 | 9 | 1984 | B04 | 1.28 |
| 18 | 9 | 1984 | B05 | 1.28 |
| 18 | 9 | 1984 | B06 | 1.3 |
| 18 | 9 | 1984 | B07 | 1.2 |
| 18 | 9 | 1984 | B08 | 1.3 |
| 18 | 9 | 1984 | B09 | 1.3 |
| 18 | 9 | 1984 | B10 | 1.2 |
| 18 | 9 | 1984 | B11 | 1.24 |
| 18 | 9 | 1984 | B12 | 1.28 |
| 19 | 9 | 1984 | B01 | 1.24 |
| 19 | 9 | 1984 | B02 | 1.22 |
| 19 | 9 | 1984 | B03 | 1.32 |
| 19 | 9 | 1984 | B04 | 1.21 |
| 19 | 9 | 1984 | B05 | 1.28 |
| 19 | 9 | 1984 | B06 | 1.28 |
| 19 | 9 | 1984 | B07 | 1.2 |
| 19 | 9 | 1984 | B08 | 1.3 |
| 19 | 9 | 1984 | B09 | 1.3 |
| 19 | 9 | 1984 | B10 | 1.2 |
| 19 | 9 | 1984 | B11 | 1.22 |
| 19 | 9 | 1984 | B12 | 1.28 |
| 20 | 9 | 1984 | B01 | 1.22 |
| 20 | 9 | 1984 | B02 | 1.2 |
| 20 | 9 | 1984 | B03 | 1.31 |
| 20 | 9 | 1984 | B04 | 1.27 |
| 20 | 9 | 1984 | B05 | 1.26 |
| 20 | 9 | 1984 | B06 | 1.28 |
| 20 | 9 | 1984 | B07 | 1.2 |
| 20 | 9 | 1984 | B08 | 1.3 |
| 20 | 9 | 1984 | B09 | 1.3 |
| 20 | 9 | 1984 | B10 | 1.2 |
| 20 | 9 | 1984 | B11 | 1.2 |
| 20 | 9 | 1984 | B12 | 1.26 |
| 21 | 9 | 1984 | B01 | 1.22 |
| 21 | 9 | 1984 | B02 | 1.22 |
| 21 | 9 | 1984 | B03 | 1.3 |
| 21 | 9 | 1984 | B04 | 1.25 |
| 21 | 9 | 1984 | B05 | 1.25 |
| 21 | 9 | 1984 | B06 | 1.25 |
| 21 | 9 | 1984 | B07 | 1.2 |
| 21 | 9 | 1984 | B08 | 1.28 |
| 21 | 9 | 1984 | B09 | 1.3 |
| 21 | 9 | 1984 | B10 | 1.2 |
| 21 | 9 | 1984 | B11 | 1.22 |
| 21 | 9 | 1984 | B12 | 1.25 |
| 25 | 9 | 1984 | B01 | 1.26 |
| 25 | 9 | 1984 | B02 | 1.27 |
| 25 | 9 | 1984 | B03 | 1.37 |
| 25 | 9 | 1984 | B04 | 1.3 |
| 25 | 9 | 1984 | B05 | 1.25 |
| 25 | 9 | 1984 | B06 | 1.3 |
| 25 | 9 | 1984 | B07 | 1.26 |
| 25 | 9 | 1984 | B08 | 1.32 |
| 25 | 9 | 1984 | B09 | 1.33 |
| 25 | 9 | 1984 | B10 | 1.22 |
| 25 | 9 | 1984 | B11 | 1.24 |
| 25 | 9 | 1984 | B12 | 1.3 |
| 26 | 9 | 1984 | B01 | 1.26 |
| 26 | 9 | 1984 | B02 | 1.25 |
| 26 | 9 | 1984 | B03 | 1.36 |
| 26 | 9 | 1984 | B04 | 1.28 |
| 26 | 9 | 1984 | B05 | 1.29 |
| 26 | 9 | 1984 | B06 | 1.29 |
| 26 | 9 | 1984 | B07 | 1.23 |
| 26 | 9 | 1984 | B08 | 1.31 |
| 26 | 9 | 1984 | B09 | 1.32 |
| 26 | 9 | 1984 | B10 | 1.21 |
| 26 | 9 | 1984 | B11 | 1.23 |
| 26 | 9 | 1984 | B12 | 1.29 |
| 27 | 9 | 1984 | B01 | 1.26 |
| 27 | 9 | 1984 | B02 | 1.22 |
| 27 | 9 | 1984 | B03 | 1.34 |
| 27 | 9 | 1984 | B04 | 1.28 |
| 27 | 9 | 1984 | B05 | 1.29 |
| 27 | 9 | 1984 | B06 | 1.29 |
| 27 | 9 | 1984 | B07 | 1.22 |
| 27 | 9 | 1984 | B08 | 1.3 |
| 27 | 9 | 1984 | B09 | 1.32 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 27 | 9 | 1984 | B10 | 1.2 |
| 27 | 9 | 1984 | B11 | 1.23 |
| 27 | 9 | 1984 | B12 | 1.29 |
| 28 | 9 | 1984 | B01 | 1.24 |
| 28 | 9 | 1984 | B02 | 1.22 |
| 28 | 9 | 1984 | B03 | 1.34 |
| 28 | 9 | 1984 | B04 | 1.28 |
| 28 | 9 | 1984 | B05 | 1.26 |
| 28 | 9 | 1984 | B06 | 1.28 |
| 28 | 9 | 1984 | B07 | 1.2 |
| 28 | 9 | 1984 | B08 | 1.3 |
| 28 | 9 | 1984 | B09 | 1.32 |
| 28 | 9 | 1984 | B10 | 1.2 |
| 28 | 9 | 1984 | B11 | 1.24 |
| 28 | 9 | 1984 | B12 | 1.28 |
| 1 | 10 | 1984 | B01 | 1.22 |
| 1 | 10 | 1984 | B02 | 1.22 |
| 1 | 10 | 1984 | B03 | 1.34 |
| 1 | 10 | 1984 | B04 | 1.28 |
| 1 | 10 | 1984 | B05 | 1.26 |
| 1 | 10 | 1984 | B06 | 1.27 |
| 1 | 10 | 1984 | B07 | 1.2 |
| 1 | 10 | 1984 | B08 | 1.3 |
| 1 | 10 | 1984 | B09 | 1.32 |
| 1 | 10 | 1984 | B10 | 1.2 |
| 1 | 10 | 1984 | B11 | 1.24 |
| 1 | 10 | 1984 | B12 | 1.27 |
| 2 | 10 | 1984 | B01 | 1.23 |
| 2 | 10 | 1984 | B02 | 1.22 |
| 2 | 10 | 1984 | B03 | 1.34 |
| 2 | 10 | 1984 | B04 | 1.28 |
| 2 | 10 | 1984 | B05 | 1.26 |
| 2 | 10 | 1984 | B06 | 1.27 |
| 2 | 10 | 1984 | B07 | 1.2 |
| 2 | 10 | 1984 | B08 | 1.3 |
| 2 | 10 | 1984 | B09 | 1.32 |
| 2 | 10 | 1984 | B10 | 1.2 |
| 2 | 10 | 1984 | B11 | 1.24 |
| 2 | 10 | 1984 | B12 | 1.27 |
| 4 | 10 | 1984 | B01 | 1.22 |
| 4 | 10 | 1984 | B02 | 1.22 |
| 4 | 10 | 1984 | B03 | 1.34 |
| 4 | 10 | 1984 | B04 | 1.28 |
| 4 | 10 | 1984 | B05 | 1.26 |
| 4 | 10 | 1984 | B06 | 1.26 |
| 4 | 10 | 1984 | B07 | 1.2 |
| 4 | 10 | 1984 | B08 | 1.3 |
| 4 | 10 | 1984 | B09 | 1.32 |
| 4 | 10 | 1984 | B10 | 1.2 |
| 4 | 10 | 1984 | B11 | 1.24 |
| 4 | 10 | 1984 | B12 | 1.27 |
| 8 | 10 | 1984 | B01 | 1.2 |
| 8 | 10 | 1984 | B02 | 1.2 |
| 8 | 10 | 1984 | B03 | 1.32 |
| 8 | 10 | 1984 | B04 | 1.27 |
| 8 | 10 | 1984 | B05 | 1.26 |
| 8 | 10 | 1984 | B06 | 1.24 |
| 8 | 10 | 1984 | B07 | 1.2 |
| 8 | 10 | 1984 | B08 | 1.3 |
| 8 | 10 | 1984 | B09 | 1.3 |
| 8 | 10 | 1984 | B10 | 1.2 |
| 8 | 10 | 1984 | B11 | 1.2 |
| 8 | 10 | 1984 | B12 | 1.2 |
| 9 | 10 | 1984 | B01 | 1.2 |
| 9 | 10 | 1984 | B02 | 1.2 |
| 9 | 10 | 1984 | B03 | 1.32 |
| 9 | 10 | 1984 | B04 | 1.27 |
| 9 | 10 | 1984 | B05 | 1.26 |
| 9 | 10 | 1984 | B06 | 1.24 |
| 9 | 10 | 1984 | B07 | 1.2 |
| 9 | 10 | 1984 | B08 | 1.28 |
| 9 | 10 | 1984 | B09 | 1.28 |
| 9 | 10 | 1984 | B10 | 1.2 |
| 9 | 10 | 1984 | B11 | 1.2 |
| 9 | 10 | 1984 | B12 | 1.2 |
| 10 | 10 | 1984 | B01 | 1.2 |
| 10 | 10 | 1984 | B02 | 1.2 |
| 10 | 10 | 1984 | B03 | 1.32 |
| 10 | 10 | 1984 | B04 | 1.26 |
| 10 | 10 | 1984 | B05 | 1.26 |
| 10 | 10 | 1984 | B06 | 1.24 |
| 10 | 10 | 1984 | B07 | 1.2 |
| 10 | 10 | 1984 | B08 | 1.28 |
| 10 | 10 | 1984 | B09 | 1.28 |
| 10 | 10 | 1984 | B10 | 1.2 |
| 10 | 10 | 1984 | B11 | 1.2 |
| 10 | 10 | 1984 | B12 | 1.24 |
| 11 | 10 | 1984 | B01 | 1.2 |
| 11 | 10 | 1984 | B02 | 1.2 |
| 11 | 10 | 1984 | B03 | 1.32 |
| 11 | 10 | 1984 | B04 | 1.28 |
| 11 | 10 | 1984 | B05 | 1.26 |
| 11 | 10 | 1984 | B06 | 1.24 |
| 11 | 10 | 1984 | B07 | 1.2 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 11 | 10 | 1984 | B08 | 1.28 |
| 11 | 10 | 1984 | B09 | 1.28 |
| 11 | 10 | 1984 | B10 | 1.2 |
| 11 | 10 | 1984 | B11 | 1.2 |
| 11 | 10 | 1984 | B12 | 1.24 |
| 15 | 10 | 1984 | B01 | 1.16 |
| 15 | 10 | 1984 | B02 | 1.16 |
| 15 | 10 | 1984 | B03 | 1.28 |
| 15 | 10 | 1984 | B04 | 1.24 |
| 15 | 10 | 1984 | B05 | 1.2 |
| 15 | 10 | 1984 | B06 | 1.2 |
| 15 | 10 | 1984 | B07 | 1.16 |
| 15 | 10 | 1984 | B08 | 1.24 |
| 15 | 10 | 1984 | B09 | 1.26 |
| 15 | 10 | 1984 | B10 | 1.2 |
| 15 | 10 | 1984 | B11 | 1.2 |
| 15 | 10 | 1984 | B12 | 1.2 |
| 16 | 10 | 1984 | B01 | 1.16 |
| 16 | 10 | 1984 | B02 | 1.16 |
| 16 | 10 | 1984 | B03 | 1.26 |
| 16 | 10 | 1984 | B04 | 1.24 |
| 16 | 10 | 1984 | B05 | 1.2 |
| 16 | 10 | 1984 | B06 | 1.2 |
| 16 | 10 | 1984 | B07 | 1.16 |
| 16 | 10 | 1984 | B08 | 1.24 |
| 16 | 10 | 1984 | B09 | 1.24 |
| 16 | 10 | 1984 | B10 | 1.2 |
| 16 | 10 | 1984 | B11 | 1.2 |
| 16 | 10 | 1984 | B12 | 1.2 |
| 17 | 10 | 1984 | B01 | 1.14 |
| 17 | 10 | 1984 | B02 | 1.16 |
| 17 | 10 | 1984 | B03 | 1.26 |
| 17 | 10 | 1984 | B04 | 1.22 |
| 17 | 10 | 1984 | B05 | 1.2 |
| 17 | 10 | 1984 | B06 | 1.18 |
| 17 | 10 | 1984 | B07 | 1.14 |
| 17 | 10 | 1984 | B08 | 1.24 |
| 17 | 10 | 1984 | B09 | 1.24 |
| 17 | 10 | 1984 | B10 | 1.18 |
| 17 | 10 | 1984 | B11 | 1.18 |
| 17 | 10 | 1984 | B12 | 1.2 |
| 18 | 10 | 1984 | B01 | 1.14 |
| 18 | 10 | 1984 | B02 | 1.16 |
| 18 | 10 | 1984 | B03 | 1.28 |
| 18 | 10 | 1984 | B04 | 1.2 |
| 18 | 10 | 1984 | B05 | 1.2 |
| 18 | 10 | 1984 | B06 | 1.18 |
| 18 | 10 | 1984 | B07 | 1.14 |
| 18 | 10 | 1984 | B08 | 1.24 |
| 18 | 10 | 1984 | B09 | 1.24 |
| 18 | 10 | 1984 | B10 | 1.18 |
| 18 | 10 | 1984 | B11 | 1.18 |
| 18 | 10 | 1984 | B12 | 1.2 |
| 19 | 10 | 1984 | B01 | 1.15 |
| 19 | 10 | 1984 | B02 | 1.13 |
| 19 | 10 | 1984 | B03 | 1.2 |
| 19 | 10 | 1984 | B04 | 1.2 |
| 19 | 10 | 1984 | B05 | 1.18 |
| 19 | 10 | 1984 | B06 | 1.2 |
| 19 | 10 | 1984 | B07 | 1.18 |
| 19 | 10 | 1984 | B08 | 1.2 |
| 19 | 10 | 1984 | B09 | 1.2 |
| 19 | 10 | 1984 | B10 | 1.23 |
| 19 | 10 | 1984 | B11 | 1.24 |
| 19 | 10 | 1984 | B12 | 1.2 |
| 22 | 10 | 1984 | B01 | 1.14 |
| 22 | 10 | 1984 | B02 | 1.18 |
| 22 | 10 | 1984 | B03 | 1.2 |
| 22 | 10 | 1984 | B04 | 1.2 |
| 22 | 10 | 1984 | B05 | 1.18 |
| 22 | 10 | 1984 | B06 | 1.16 |
| 22 | 10 | 1984 | B07 | 1.14 |
| 22 | 10 | 1984 | B08 | 1.2 |
| 22 | 10 | 1984 | B09 | 1.2 |
| 22 | 10 | 1984 | B10 | 1.2 |
| 22 | 10 | 1984 | B11 | 1.16 |
| 22 | 10 | 1984 | B12 | 1.16 |
| 24 | 10 | 1984 | B01 | 1.16 |
| 24 | 10 | 1984 | B02 | 1.2 |
| 24 | 10 | 1984 | B03 | 1.25 |
| 24 | 10 | 1984 | B04 | 1.2 |
| 24 | 10 | 1984 | B05 | 1.19 |
| 24 | 10 | 1984 | B06 | 1.18 |
| 24 | 10 | 1984 | B07 | 1.17 |
| 24 | 10 | 1984 | B08 | 1.2 |
| 24 | 10 | 1984 | B09 | 1.2 |
| 24 | 10 | 1984 | B10 | 1.17 |
| 24 | 10 | 1984 | B11 | 1.19 |
| 24 | 10 | 1984 | B12 | 1.18 |
| 25 | 10 | 1984 | B01 | 1.12 |
| 25 | 10 | 1984 | B02 | 1.18 |
| 25 | 10 | 1984 | B03 | 1.26 |
| 25 | 10 | 1984 | B04 | 1.2 |
| 25 | 10 | 1984 | B05 | 1.18 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 25 | 10 | 1984 | B06 | 1.16 | |
| 25 | 10 | 1984 | B07 | 1.12 | |
| 25 | 10 | 1984 | B08 | 1.2 | |
| 25 | 10 | 1984 | B09 | 1.2 | |
| 25 | 10 | 1984 | B10 | 1.17 | |
| 25 | 10 | 1984 | B11 | 1.18 | |
| 25 | 10 | 1984 | B12 | 1.16 | |
| 26 | 10 | 1984 | B01 | 1.12 | Y |
| 26 | 10 | 1984 | B02 | 1.18 | Y |
| 26 | 10 | 1984 | B03 | 1.26 | |
| 26 | 10 | 1984 | B04 | 1.2 | |
| 26 | 10 | 1984 | B05 | 1.18 | Y |
| 26 | 10 | 1984 | B06 | 1.16 | Y |
| 26 | 10 | 1984 | B07 | 1.12 | Y |
| 26 | 10 | 1984 | B08 | 1.2 | |
| 26 | 10 | 1984 | B09 | 1.2 | |
| 26 | 10 | 1984 | B10 | 1.16 | Y |
| 26 | 10 | 1984 | B11 | 1.18 | Y |
| 26 | 10 | 1984 | B12 | 1.16 | Y |
| 29 | 10 | 1984 | B01 | 1.18 | |
| 29 | 10 | 1984 | B02 | 1.18 | |
| 29 | 10 | 1984 | B03 | 1.24 | |
| 29 | 10 | 1984 | B04 | 1.18 | |
| 29 | 10 | 1984 | B05 | 1.18 | |
| 29 | 10 | 1984 | B06 | 1.18 | |
| 29 | 10 | 1984 | B07 | 1.18 | |
| 29 | 10 | 1984 | B08 | 1.2 | |
| 29 | 10 | 1984 | B09 | 1.2 | |
| 29 | 10 | 1984 | B10 | 1.18 | |
| 29 | 10 | 1984 | B11 | 1.2 | |
| 29 | 10 | 1984 | B12 | 1.18 | |
| 30 | 10 | 1984 | B01 | 1.18 | |
| 30 | 10 | 1984 | B02 | 1.18 | |
| 30 | 10 | 1984 | B03 | 1.24 | |
| 30 | 10 | 1984 | B04 | 1.18 | |
| 30 | 10 | 1984 | B05 | 1.18 | |
| 30 | 10 | 1984 | B06 | 1.18 | |
| 30 | 10 | 1984 | B07 | 1.18 | |
| 30 | 10 | 1984 | B08 | 1.2 | |
| 30 | 10 | 1984 | B09 | 1.2 | |
| 30 | 10 | 1984 | B10 | 1.18 | |
| 30 | 10 | 1984 | B11 | 1.2 | |
| 30 | 10 | 1984 | B12 | 1.18 | |
| 31 | 10 | 1984 | B01 | 1.17 | |
| 31 | 10 | 1984 | B02 | 1.18 | |
| 31 | 10 | 1984 | B03 | 1.24 | |
| 31 | 10 | 1984 | B04 | 1.18 | |
| 31 | 10 | 1984 | B05 | 1.18 | |
| 31 | 10 | 1984 | B06 | 1.18 | |
| 31 | 10 | 1984 | B07 | 1.18 | |
| 31 | 10 | 1984 | B08 | 1.2 | |
| 31 | 10 | 1984 | B09 | 1.2 | |
| 31 | 10 | 1984 | B10 | 1.18 | |
| 31 | 10 | 1984 | B11 | 1.2 | |
| 31 | 10 | 1984 | B12 | 1.18 | |
| 1 | 11 | 1984 | B01 | 1.24 | |
| 1 | 11 | 1984 | B02 | 1.22 | |
| 1 | 11 | 1984 | B03 | 1.24 | |
| 1 | 11 | 1984 | B04 | 1.2 | |
| 1 | 11 | 1984 | B05 | 1.2 | |
| 1 | 11 | 1984 | B06 | 1.22 | |
| 1 | 11 | 1984 | B07 | 1.2 | |
| 1 | 11 | 1984 | B08 | 1.2 | |
| 1 | 11 | 1984 | B09 | 1.2 | |
| 1 | 11 | 1984 | B10 | 1.2 | |
| 1 | 11 | 1984 | B11 | 1.2 | |
| 1 | 11 | 1984 | B12 | 1.22 | |
| 2 | 11 | 1984 | B01 | 1.24 | |
| 2 | 11 | 1984 | B02 | 1.2 | |
| 2 | 11 | 1984 | B03 | 1.24 | |
| 2 | 11 | 1984 | B04 | 1.2 | |
| 2 | 11 | 1984 | B05 | 1.2 | |
| 2 | 11 | 1984 | B06 | 1.2 | |
| 2 | 11 | 1984 | B07 | 1.2 | |
| 2 | 11 | 1984 | B08 | 1.2 | |
| 2 | 11 | 1984 | B09 | 1.2 | |
| 2 | 11 | 1984 | B10 | 1.2 | |
| 2 | 11 | 1984 | B11 | 1.2 | |
| 2 | 11 | 1984 | B12 | 1.2 | |
| 4 | 11 | 1984 | B01 | | |
| 4 | 11 | 1984 | B02 | | |
| 4 | 11 | 1984 | B03 | | |
| 4 | 11 | 1984 | B04 | | |
| 4 | 11 | 1984 | B05 | | |
| 4 | 11 | 1984 | B06 | | |
| 4 | 11 | 1984 | B07 | | |
| 4 | 11 | 1984 | B08 | | |
| 4 | 11 | 1984 | B09 | | |
| 4 | 11 | 1984 | B10 | | |
| 4 | 11 | 1984 | B11 | | |
| 4 | 11 | 1984 | B12 | | |
| 5 | 11 | 1984 | B01 | 1.2 | |
| 5 | 11 | 1984 | B02 | 1.19 | |
| 5 | 11 | 1984 | B03 | 1.21 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 5 | 11 | 1984 | B04 | 1.16 |
| 5 | 11 | 1984 | B05 | 1.18 |
| 5 | 11 | 1984 | B06 | 1.18 |
| 5 | 11 | 1984 | B07 | 1.18 |
| 5 | 11 | 1984 | B08 | 1.19 |
| 5 | 11 | 1984 | B09 | 1.2 |
| 5 | 11 | 1984 | B10 | 1.18 |
| 5 | 11 | 1984 | B11 | 1.19 |
| 5 | 11 | 1984 | B12 | 1.2 |
| 6 | 11 | 1984 | B01 | 1.2 |
| 6 | 11 | 1984 | B02 | 1.18 |
| 6 | 11 | 1984 | B03 | 1.2 |
| 6 | 11 | 1984 | B04 | 1.16 |
| 6 | 11 | 1984 | B05 | 1.16 |
| 6 | 11 | 1984 | B06 | 1.18 |
| 6 | 11 | 1984 | B07 | 1.18 |
| 6 | 11 | 1984 | B08 | 1.18 |
| 6 | 11 | 1984 | B09 | 1.18 |
| 6 | 11 | 1984 | B10 | 1.16 |
| 6 | 11 | 1984 | B11 | 1.18 |
| 6 | 11 | 1984 | B12 | 1.18 |
| 7 | 11 | 1984 | B01 | 1.2 |
| 7 | 11 | 1984 | B02 | 1.18 |
| 7 | 11 | 1984 | B03 | 1.2 |
| 7 | 11 | 1984 | B04 | 1.16 |
| 7 | 11 | 1984 | B05 | 1.16 |
| 7 | 11 | 1984 | B06 | 1.17 |
| 7 | 11 | 1984 | B07 | 1.18 |
| 7 | 11 | 1984 | B08 | 1.17 |
| 7 | 11 | 1984 | B09 | 1.18 |
| 7 | 11 | 1984 | B10 | 1.16 |
| 7 | 11 | 1984 | B11 | 1.18 |
| 7 | 11 | 1984 | B12 | 1.18 |
| 8 | 11 | 1984 | B01 | 1.2 |
| 8 | 11 | 1984 | B02 | 1.2 |
| 8 | 11 | 1984 | B03 | 1.2 |
| 8 | 11 | 1984 | B04 | 1.22 |
| 8 | 11 | 1984 | B05 | 1.22 |
| 8 | 11 | 1984 | B06 | 1.21 |
| 8 | 11 | 1984 | B07 | 1.2 |
| 8 | 11 | 1984 | B08 | 1.21 |
| 8 | 11 | 1984 | B09 | 1.22 |
| 8 | 11 | 1984 | B10 | 1.2 |
| 8 | 11 | 1984 | B11 | 1.2 |
| 8 | 11 | 1984 | B12 | 1.22 |
| 9 | 11 | 1984 | B01 | 1.2 |
| 9 | 11 | 1984 | B02 | 1.2 |
| 9 | 11 | 1984 | B03 | 1.2 |
| 9 | 11 | 1984 | B04 | 1.2 |
| 9 | 11 | 1984 | B05 | 1.2 |
| 9 | 11 | 1984 | B06 | 1.2 |
| 9 | 11 | 1984 | B07 | 1.2 |
| 9 | 11 | 1984 | B08 | 1.2 |
| 9 | 11 | 1984 | B09 | 1.2 |
| 9 | 11 | 1984 | B10 | 1.2 |
| 9 | 11 | 1984 | B11 | 1.2 |
| 9 | 11 | 1984 | B12 | 1.2 |
| 11 | 11 | 1984 | B01 | |
| 11 | 11 | 1984 | B02 | |
| 11 | 11 | 1984 | B03 | |
| 11 | 11 | 1984 | B04 | |
| 11 | 11 | 1984 | B05 | |
| 11 | 11 | 1984 | B06 | |
| 11 | 11 | 1984 | B07 | |
| 11 | 11 | 1984 | B08 | |
| 11 | 11 | 1984 | B09 | |
| 11 | 11 | 1984 | B10 | |
| 11 | 11 | 1984 | B11 | |
| 11 | 11 | 1984 | B12 | |
| 12 | 11 | 1984 | B01 | 1.17 |
| 12 | 11 | 1984 | B02 | 1.18 |
| 12 | 11 | 1984 | B03 | 1.18 |
| 12 | 11 | 1984 | B04 | 1.19 |
| 12 | 11 | 1984 | B05 | 1.18 |
| 12 | 11 | 1984 | B06 | 1.18 |
| 12 | 11 | 1984 | B07 | 1.18 |
| 12 | 11 | 1984 | B08 | 1.2 |
| 12 | 11 | 1984 | B09 | 1.2 |
| 12 | 11 | 1984 | B10 | 1.18 |
| 12 | 11 | 1984 | B11 | 1.18 |
| 12 | 11 | 1984 | B12 | 1.18 |
| 13 | 11 | 1984 | B01 | 1.17 |
| 13 | 11 | 1984 | B02 | 1.18 |
| 13 | 11 | 1984 | B03 | 1.17 |
| 13 | 11 | 1984 | B04 | 1.18 |
| 13 | 11 | 1984 | B05 | 1.17 |
| 13 | 11 | 1984 | B06 | 1.17 |
| 13 | 11 | 1984 | B07 | 1.18 |
| 13 | 11 | 1984 | B08 | 1.18 |
| 13 | 11 | 1984 | B09 | 1.18 |
| 13 | 11 | 1984 | B10 | 1.18 |
| 13 | 11 | 1984 | B11 | 1.17 |
| 13 | 11 | 1984 | B12 | 1.18 |
| 14 | 11 | 1984 | B01 | 1.16 |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 14 | 11 | 1984 | B02 | 1.18 | |
| 14 | 11 | 1984 | B03 | 1.16 | |
| 14 | 11 | 1984 | B04 | 1.18 | |
| 14 | 11 | 1984 | B05 | 1.15 | |
| 14 | 11 | 1984 | B06 | 1.16 | |
| 14 | 11 | 1984 | B07 | 1.18 | |
| 14 | 11 | 1984 | B08 | 1.18 | |
| 14 | 11 | 1984 | B09 | 1.17 | |
| 14 | 11 | 1984 | B10 | 1.16 | |
| 14 | 11 | 1984 | B11 | 1.17 | |
| 14 | 11 | 1984 | B12 | 1.17 | |
| 15 | 11 | 1984 | B01 | 1.16 | |
| 15 | 11 | 1984 | B02 | 1.16 | |
| 15 | 11 | 1984 | B03 | 1.16 | |
| 15 | 11 | 1984 | B04 | 1.18 | |
| 15 | 11 | 1984 | B05 | 1.14 | |
| 15 | 11 | 1984 | B06 | 1.16 | |
| 15 | 11 | 1984 | B07 | 1.17 | |
| 15 | 11 | 1984 | B08 | 1.18 | |
| 15 | 11 | 1984 | B09 | 1.17 | |
| 15 | 11 | 1984 | B10 | 1.16 | |
| 15 | 11 | 1984 | B11 | 1.17 | |
| 15 | 11 | 1984 | B12 | 1.17 | |
| 16 | 11 | 1984 | B01 | 1.15 | Y |
| 16 | 11 | 1984 | B02 | 1.16 | Y |
| 16 | 11 | 1984 | B03 | 1.16 | Y |
| 16 | 11 | 1984 | B04 | 1.17 | Y |
| 16 | 11 | 1984 | B05 | 1.2 | Y |
| 16 | 11 | 1984 | B06 | 1.16 | Y |
| 16 | 11 | 1984 | B07 | 1.16 | Y |
| 16 | 11 | 1984 | B08 | 1.18 | Y |
| 16 | 11 | 1984 | B09 | 1.17 | Y |
| 16 | 11 | 1984 | B10 | 1.16 | Y |
| 16 | 11 | 1984 | B11 | 1.17 | Y |
| 16 | 11 | 1984 | B12 | 1.17 | Y |
| 18 | 11 | 1984 | B01 | | |
| 18 | 11 | 1984 | B02 | | |
| 18 | 11 | 1984 | B03 | | |
| 18 | 11 | 1984 | B04 | | |
| 18 | 11 | 1984 | B05 | | |
| 18 | 11 | 1984 | B06 | | |
| 18 | 11 | 1984 | B07 | | |
| 18 | 11 | 1984 | B08 | | |
| 18 | 11 | 1984 | B09 | | |
| 18 | 11 | 1984 | B10 | | |
| 18 | 11 | 1984 | B11 | | |
| 18 | 11 | 1984 | B12 | | |
| 19 | 11 | 1984 | B01 | 1.18 | |
| 19 | 11 | 1984 | B02 | 1.19 | |
| 19 | 11 | 1984 | B03 | 1.18 | |
| 19 | 11 | 1984 | B04 | 1.18 | |
| 19 | 11 | 1984 | B05 | 1.18 | |
| 19 | 11 | 1984 | B06 | 1.18 | |
| 19 | 11 | 1984 | B07 | 1.18 | |
| 19 | 11 | 1984 | B08 | 1.2 | |
| 19 | 11 | 1984 | B09 | 1.18 | |
| 19 | 11 | 1984 | B10 | 1.18 | |
| 19 | 11 | 1984 | B11 | 1.19 | |
| 19 | 11 | 1984 | B12 | 1.18 | |
| 20 | 11 | 1984 | B01 | 1.18 | |
| 20 | 11 | 1984 | B02 | 1.19 | |
| 20 | 11 | 1984 | B03 | 1.19 | |
| 20 | 11 | 1984 | B04 | 1.18 | |
| 20 | 11 | 1984 | B05 | 1.18 | |
| 20 | 11 | 1984 | B06 | 1.18 | |
| 20 | 11 | 1984 | B07 | 1.18 | |
| 20 | 11 | 1984 | B08 | 1.2 | |
| 20 | 11 | 1984 | B09 | 1.18 | |
| 20 | 11 | 1984 | B10 | 1.18 | |
| 20 | 11 | 1984 | B11 | 1.19 | |
| 20 | 11 | 1984 | B12 | 1.18 | |
| 21 | 11 | 1984 | B01 | 1.18 | |
| 21 | 11 | 1984 | B02 | 1.18 | |
| 21 | 11 | 1984 | B03 | 1.18 | |
| 21 | 11 | 1984 | B04 | 1.18 | |
| 21 | 11 | 1984 | B05 | 1.18 | |
| 21 | 11 | 1984 | B06 | 1.16 | |
| 21 | 11 | 1984 | B07 | 1.18 | |
| 21 | 11 | 1984 | B08 | 1.2 | |
| 21 | 11 | 1984 | B09 | 1.18 | |
| 21 | 11 | 1984 | B10 | 1.18 | |
| 21 | 11 | 1984 | B11 | 1.18 | |
| 21 | 11 | 1984 | B12 | 1.16 | |
| 22 | 11 | 1984 | B01 | 1.16 | |
| 22 | 11 | 1984 | B02 | 1.18 | |
| 22 | 11 | 1984 | B03 | 1.18 | |
| 22 | 11 | 1984 | B04 | 1.18 | |
| 22 | 11 | 1984 | B05 | 1.16 | |
| 22 | 11 | 1984 | B06 | 1.16 | |
| 22 | 11 | 1984 | B07 | 1.18 | |
| 22 | 11 | 1984 | B08 | 1.18 | |
| 22 | 11 | 1984 | B09 | 1.18 | |
| 22 | 11 | 1984 | B10 | 1.18 | |
| 22 | 11 | 1984 | B11 | 1.18 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH | INFLOW |
|---|---|---|---|---|---|
| 22 | 11 | 1984 | B12 | 1.16 | |
| 23 | 11 | 1984 | B01 | 1.16 | Y |
| 23 | 11 | 1984 | B02 | 1.17 | Y |
| 23 | 11 | 1984 | B03 | 1.16 | Y |
| 23 | 11 | 1984 | B04 | 1.18 | Y |
| 23 | 11 | 1984 | B05 | 1.16 | Y |
| 23 | 11 | 1984 | B06 | 1.14 | Y |
| 23 | 11 | 1984 | B07 | 1.16 | Y |
| 23 | 11 | 1984 | B08 | 1.18 | Y |
| 23 | 11 | 1984 | B09 | 1.16 | Y |
| 23 | 11 | 1984 | B10 | 1.16 | Y |
| 23 | 11 | 1984 | B11 | 1.17 | Y |
| 23 | 11 | 1984 | B12 | 1.16 | Y |
| 25 | 11 | 1984 | B01 | | |
| 25 | 11 | 1984 | B02 | | |
| 25 | 11 | 1984 | B03 | | |
| 25 | 11 | 1984 | B04 | | |
| 25 | 11 | 1984 | B05 | | |
| 25 | 11 | 1984 | B06 | | |
| 25 | 11 | 1984 | B07 | | |
| 25 | 11 | 1984 | B08 | | |
| 25 | 11 | 1984 | B09 | | |
| 25 | 11 | 1984 | B10 | | |
| 25 | 11 | 1984 | B11 | | |
| 25 | 11 | 1984 | B12 | | |
| 26 | 11 | 1984 | B01 | 1.14 | |
| 26 | 11 | 1984 | B02 | 1.18 | |
| 26 | 11 | 1984 | B03 | 1.18 | |
| 26 | 11 | 1984 | B04 | 1.16 | |
| 26 | 11 | 1984 | B05 | 1.19 | |
| 26 | 11 | 1984 | B06 | 1.16 | |
| 26 | 11 | 1984 | B07 | 1.16 | |
| 26 | 11 | 1984 | B08 | 1.19 | |
| 26 | 11 | 1984 | B09 | 1.16 | |
| 26 | 11 | 1984 | B10 | 1.16 | |
| 26 | 11 | 1984 | B11 | 1.18 | |
| 26 | 11 | 1984 | B12 | 1.18 | |
| 27 | 11 | 1984 | B01 | 1.14 | |
| 27 | 11 | 1984 | B02 | 1.17 | |
| 27 | 11 | 1984 | B03 | 1.18 | |
| 27 | 11 | 1984 | B04 | 1.16 | |
| 27 | 11 | 1984 | B05 | 1.19 | |
| 27 | 11 | 1984 | B06 | 1.16 | |
| 27 | 11 | 1984 | B07 | 1.16 | |
| 27 | 11 | 1984 | B08 | 1.19 | |
| 27 | 11 | 1984 | B09 | 1.16 | |
| 27 | 11 | 1984 | B10 | 1.16 | |
| 27 | 11 | 1984 | B11 | 1.18 | |
| 27 | 11 | 1984 | B12 | 1.17 | |
| 28 | 11 | 1984 | B01 | 1.13 | |
| 28 | 11 | 1984 | B02 | 1.17 | |
| 28 | 11 | 1984 | B03 | 1.17 | |
| 28 | 11 | 1984 | B04 | 1.2 | |
| 28 | 11 | 1984 | B05 | 1.2 | |
| 28 | 11 | 1984 | B06 | 1.2 | |
| 28 | 11 | 1984 | B07 | 1.15 | |
| 28 | 11 | 1984 | B08 | 1.19 | |
| 28 | 11 | 1984 | B09 | 1.16 | |
| 28 | 11 | 1984 | B10 | 1.16 | |
| 28 | 11 | 1984 | B11 | 1.21 | |
| 28 | 11 | 1984 | B12 | 1.21 | |
| 29 | 11 | 1984 | B01 | 1.18 | |
| 29 | 11 | 1984 | B02 | 1.2 | |
| 29 | 11 | 1984 | B03 | 1.2 | |
| 29 | 11 | 1984 | B04 | 1.22 | |
| 29 | 11 | 1984 | B05 | 1.2 | |
| 29 | 11 | 1984 | B06 | 1.18 | |
| 29 | 11 | 1984 | B07 | 1.18 | |
| 29 | 11 | 1984 | B08 | 1.24 | |
| 29 | 11 | 1984 | B09 | 1.28 | |
| 29 | 11 | 1984 | B10 | 1.18 | |
| 29 | 11 | 1984 | B11 | 1.2 | |
| 29 | 11 | 1984 | B12 | 1.2 | |
| 30 | 11 | 1984 | B01 | 1.18 | |
| 30 | 11 | 1984 | B02 | 1.19 | |
| 30 | 11 | 1984 | B03 | 1.2 | |
| 30 | 11 | 1984 | B04 | 1.22 | |
| 30 | 11 | 1984 | B05 | 1.2 | |
| 30 | 11 | 1984 | B06 | 1.18 | |
| 30 | 11 | 1984 | B07 | 1.18 | |
| 30 | 11 | 1984 | B08 | 1.24 | |
| 30 | 11 | 1984 | B09 | 1.2 | |
| 30 | 11 | 1984 | B10 | 1.18 | |
| 30 | 11 | 1984 | B11 | 1.2 | |
| 30 | 11 | 1984 | B12 | 1.19 | |
| 2 | 12 | 1984 | B01 | 1.16 | |
| 2 | 12 | 1984 | B02 | 1.18 | |
| 2 | 12 | 1984 | B03 | 1.18 | |
| 2 | 12 | 1984 | B04 | 1.2 | |
| 2 | 12 | 1984 | B05 | 1.18 | |
| 2 | 12 | 1984 | B06 | 1.16 | |
| 2 | 12 | 1984 | B07 | 1.16 | |
| 2 | 12 | 1984 | B08 | 1.2 | |
| 2 | 12 | 1984 | B09 | 1.2 | |

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | DEPTH |
|---|---|---|---|---|
| 2 | 12 | 1984 | B10 | 1.16 |
| 2 | 12 | 1984 | B11 | 1.19 |
| 2 | 12 | 1984 | B12 | 1.18 |
| 3 | 12 | 1984 | B01 | 1.18 |
| 3 | 12 | 1984 | B02 | 1.18 |
| 3 | 12 | 1984 | B03 | 1.19 |
| 3 | 12 | 1984 | B04 | 1.2 |
| 3 | 12 | 1984 | B05 | 1.19 |
| 3 | 12 | 1984 | B06 | 1.18 |
| 3 | 12 | 1984 | B07 | 1.18 |
| 3 | 12 | 1984 | B08 | 1.21 |
| 3 | 12 | 1984 | B09 | 1.23 |
| 3 | 12 | 1984 | B10 | 1.18 |
| 3 | 12 | 1984 | B11 | 1.19 |
| 3 | 12 | 1984 | B12 | 1.19 |
| 4 | 12 | 1984 | B01 | 1.16 |
| 4 | 12 | 1984 | B02 | 1.16 |
| 4 | 12 | 1984 | B03 | 1.18 |
| 4 | 12 | 1984 | B04 | 1.2 |
| 4 | 12 | 1984 | B05 | 1.16 |
| 4 | 12 | 1984 | B06 | 1.15 |
| 4 | 12 | 1984 | B07 | 1.16 |
| 4 | 12 | 1984 | B08 | 1.2 |
| 4 | 12 | 1984 | B09 | 1.2 |
| 4 | 12 | 1984 | B10 | 1.16 |
| 4 | 12 | 1984 | B11 | 1.18 |
| 4 | 12 | 1984 | B12 | 1.17 |
| 5 | 12 | 1984 | B01 | 1.2 |
| 5 | 12 | 1984 | B02 | 1.19 |
| 5 | 12 | 1984 | B03 | 1.2 |
| 5 | 12 | 1984 | B04 | 1.2 |
| 5 | 12 | 1984 | B05 | 1.2 |
| 5 | 12 | 1984 | B06 | 1.2 |
| 5 | 12 | 1984 | B07 | 1.22 |
| 5 | 12 | 1984 | B08 | 1.2 |
| 5 | 12 | 1984 | B09 | 1.2 |
| 5 | 12 | 1984 | B10 | 1.18 |
| 5 | 12 | 1984 | B11 | 1.22 |
| 5 | 12 | 1984 | B12 | 1.2 |
| 6 | 12 | 1984 | B01 | 1.2 |
| 6 | 12 | 1984 | B02 | 1.19 |
| 6 | 12 | 1984 | B03 | 1.2 |
| 6 | 12 | 1984 | B04 | 1.2 |
| 6 | 12 | 1984 | B05 | 1.2 |
| 6 | 12 | 1984 | B06 | 1.19 |
| 6 | 12 | 1984 | B07 | 1.22 |
| 6 | 12 | 1984 | B08 | 1.2 |
| 6 | 12 | 1984 | B09 | 1.2 |
| 6 | 12 | 1984 | B10 | 1.19 |
| 6 | 12 | 1984 | B11 | 1.22 |
| 6 | 12 | 1984 | B12 | 1.2 |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 1 | 1984 | | B01 | 600 | 6.1 | 5.7 | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B02 | 600 | 6.2 | 6.1 | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B03 | 600 | 6.2 | 6.1 | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B06 | 600 | 6.5 | 6.3 | 6.4 | 22. | 22. | 22. | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B07 | 600 | 6.3 | 6. | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B08 | 600 | 6.3 | 6. | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B09 | 600 | 6. | 5.5 | | 22. | 22. | | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B10 | 600 | 6.6 | 6.3 | 6.5 | 22. | 22. | 22. | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B11 | 600 | 6.7 | 6.4 | 6.5 | 22. | 22. | 22. | | | | | | | | | | | | | | | | |
| 16 | 1 | 1984 | | B12 | 600 | 6.2 | 6.1 | 6. | 22. | 22. | 22. | | | | | | | | | | | | | | | | |
| 18 | 1 | 1984 | | B01 | | | | | | | | | | | | 50.74 | | 8.6 | | 0.194 | | | | | 0.53 | 26.5 | 27. |
| 18 | 1 | 1984 | | B02 | | | | | | | | | | | | 63.54 | | 8.4 | | 0.171 | | | | | 0.613 | 29. | 26.5 |
| 18 | 1 | 1984 | | B03 | | | | | | | | | | | | 67.95 | | 8.25 | | 0.125 | | | | | 0.455 | 34.5 | 30. |
| 18 | 1 | 1984 | | B06 | | | | | | | | | | | | 60.89 | | 8.35 | | 0.114 | | | | | 0.471 | 36. | 33. |
| 18 | 1 | 1984 | | B07 | | | | | | | | | | | | 64.42 | | 8.6 | | 0.054 | | | | | 0.312 | 37.5 | 33.5 |
| 18 | 1 | 1984 | | B08 | | | | | | | | | | | | 60.89 | | 8.2 | | 0.097 | | | | | 0.597 | 40. | 37.5 |
| 18 | 1 | 1984 | | B09 | | | | | | | | | | | | 61.77 | | 8.05 | | 0.114 | | | | | 0.613 | 27. | 24. |
| 18 | 1 | 1984 | | B10 | | | | | | | | | | | | 78.54 | | 8.35 | | 0.07 | | | | | 0.503 | 33.5 | 34. |
| 18 | 1 | 1984 | | B11 | | | | | | | | | | | | 65.3 | | 8.45 | | 0.086 | | | | | 0.455 | 27. | 27.5 |
| 18 | 1 | 1984 | | B12 | | | | | | | | | | | | 39.71 | | 8.45 | | | | | | | 0.653 | 16. | 15. |
| 19 | 1 | 1984 | | B01 | | | | | | | | | | | | | 51.05 | | | | | | | | | | |
| 19 | 1 | 1984 | | B02 | | | | | | | | | | | | | 50.45 | | | | | | | | | | |
| 19 | 1 | 1984 | | B03 | | | | | | | | | | | | | 56.46 | | | | | | | | | | |
| 19 | 1 | 1984 | | B06 | | | | | | | | | | | | | 58.86 | | | | | | | | | | |
| 19 | 1 | 1984 | | B07 | | | | | | | | | | | | | 53.45 | | | | | | | | | | |
| 19 | 1 | 1984 | | B08 | | | | | | | | | | | | | 52.25 | | | | | | | | | | |
| 19 | 1 | 1984 | | B09 | | | | | | | | | | | | | 55.25 | | | | | | | | | | |
| 19 | 1 | 1984 | | B10 | | | | | | | | | | | | | 66.67 | | | | | | | | | | |
| 19 | 1 | 1984 | | B11 | | | | | | | | | | | | | 51.05 | | | | | | | | | | |
| 19 | 1 | 1984 | | B12 | | | | | | | | | | | | | 54.95 | | | | | | | | | | |
| 20 | 1 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 0.928 | | | |
| 20 | 1 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 0.928 | | | |
| 20 | 1 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.678 | | | |
| 20 | 1 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.726 | | | |
| 20 | 1 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.642 | | | |
| 20 | 1 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 0.884 | | | |
| 20 | 1 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 0.857 | | | |
| 20 | 1 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.771 | | | |
| 20 | 1 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.678 | | | |
| 20 | 1 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 0.857 | | | |
| 23 | 1 | 1984 | | B01 | 600 | 5.7 | 5.7 | 5.5 | 22.5 | 22.5 | 22.5 | | | | | | | | | | | | | 1.053 | 0.645 | | |
| 23 | 1 | 1984 | | B02 | 600 | 6. | 6. | 5.6 | 22. | | 22.5 | | | | | | | | | | | | | 1.055 | 0.785 | | |
| 23 | 1 | 1984 | | B03 | 600 | 6.2 | 6.2 | | 22. | | | | | | | | | | | | | | | 0.791 | 0.575 | | |
| 23 | 1 | 1984 | | B06 | 600 | 6.1 | 6. | 5.9 | 22.5 | 22.5 | 22.5 | | | | | | | | | | | | | 0.857 | 0.627 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 1 | 1984 | | B07 | 600 | 5.8 | 5.2 | 5.1 | 22. | 22.5 | 22.5 | | | | | | | | | | | | | 0.696 | 0.43 |
| 23 | 1 | 1984 | | B08 | 600 | 5.9 | 5.5 | 5.7 | 22.5 | | 22.5 | | | | | | | | | | | | | 1.071 | 0.79 |
| 23 | 1 | 1984 | | B09 | 600 | 6. | 5.7 | 5.9 | 22.5 | | 22.5 | | | | | | | | | | | | | 1.114 | 0.835 |
| 23 | 1 | 1984 | | B10 | 600 | 6.4 | 6. | 6.3 | 22.5 | | 22.5 | | | | | | | | | | | | | 0.853 | 0.63 |
| 23 | 1 | 1984 | | B11 | 600 | 6.3 | 6.1 | 6.2 | 22.5 | 22.5 | 22.5 | | | | | | | | | | | | | 0.917 | 0.627 |
| 23 | 1 | 1984 | | B12 | 600 | 5.8 | 5.7 | | 22.5 | 22.5 | | | | | | | | | | | | | | 0.878 | 0.67 |
| 24 | 1 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.016 | 0.68 |
| 24 | 1 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 1 1 | 0.825 |
| 24 | 1 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.869 | 0.627 |
| 24 | 1 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.854 | 0.615 |
| 24 | 1 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.673 | 0.435 |
| 24 | 1 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 1.046 | 0.76 |
| 24 | 1 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 1.093 | 0.839 |
| 24 | 1 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.883 | 0.635 |
| 24 | 1 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.87 | 0.615 |
| 24 | 1 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 1.016 | 0.675 |
| 25 | 1 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.111 | 0.695 |
| 25 | 1 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 1.164 | 0.825 |
| 25 | 1 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.895 | 0.59 |
| 25 | 1 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.875 | 0.59 |
| 25 | 1 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.69 | 0.425 |
| 25 | 1 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 1.12 | 0.77 |
| 25 | 1 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 1.08 | 0.81 |
| 25 | 1 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.889 | 0.63 |
| 25 | 1 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.92 | 0.62 |
| 25 | 1 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 1.027 | 0.667 |
| 26 | 1 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.154 | 0.705 |
| 26 | 1 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 1.149 | 0.925 |
| 26 | 1 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.96 | 0.58 |
| 26 | 1 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.818 | 0.575 |
| 26 | 1 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.673 | 0.41 |
| 26 | 1 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 1.103 | 0.775 |
| 26 | 1 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 1.158 | 0.93 |
| 26 | 1 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.864 | 0.615 |
| 26 | 1 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.893 | 0.615 |
| 26 | 1 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 0.958 | 0.644 |
| 30 | 1 | 1984 | | B01 | 600 | 4.5 | 4.5 | | 23.5 | 23.5 | 23.5 | | | | | | | | | | | | | 1.722 | 0.83 |
| 30 | 1 | 1984 | | B02 | 600 | 5.4 | 5.5 | 0.9 | 23.5 | | 23.5 | | | | | | | | | | | | | 1.252 | 0.87 |
| 30 | 1 | 1984 | | B03 | 600 | 5.7 | 5.9 | 3.9 | 23.5 | 23.5 | 24. | | | | | | | | | | | | | 0.865 | 0.6 |
| 30 | 1 | 1984 | | B06 | 600 | 5.9 | 5.7 | 1.7 | 24. | | 24. | | | | | | | | | | | | | 0.828 | 0.57 |
| 30 | 1 | 1984 | | B07 | 600 | 5.1 | 4.9 | 4.6 | 24. | 24. | 24. | | | | | | | | | | | | | 0.698 | 0.425 |
| 30 | 1 | 1984 | | B08 | 600 | 5.3 | 5.3 | 5.1 | 24. | 24. | 23.5 | | | | | | | | | | | | | 1.062 | 0.735 |
| 30 | 1 | 1984 | | B09 | 600 | 5.3 | 5.1 | 1.9 | 23.5 | 23.5 | 24. | | | | | | | | | | | | | 1.195 | 0.67 |
| 30 | 1 | 1984 | | B10 | 600 | 5.7 | 5.7 | 5.4 | 24. | 24. | 23.5 | | | | | | | | | | | | | 0.984 | 0.65 |
| 30 | 1 | 1984 | | B11 | 600 | 5.5 | 5.5 | 2.1 | 24. | 24. | 23.5 | | | | | | | | | | | | | 0.883 | 0.63 |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 1 | 1984 | | B12 | 600 | 5.2 | 5.3 | 1.2 | 23. | 24. | | | | | | | | | | | | | | 0.88 | 0.62 | | |
| 31 | 1 | 1984 | | B01 | | | | | | | | | | | | | 66.07 | | | | | | | | | | |
| 31 | 1 | 1984 | | B02 | | | | | | | | | | | | | 72.67 | | | | | | | | | | |
| 31 | 1 | 1984 | | B03 | | | | | | | | | | | | | 70.87 | | | | | | | | | | |
| 31 | 1 | 1984 | | B06 | | | | | | | | | | | | | 70.27 | | | | | | | | | | |
| 31 | 1 | 1984 | | B07 | | | | | | | | | | | | | 72.07 | | | | | | | | | | |
| 31 | 1 | 1984 | | B08 | | | | | | | | | | | | | 68.47 | | | | | | | | | | |
| 31 | 1 | 1984 | | B09 | | | | | | | | | | | | | 75.07 | | | | | | | | | | |
| 31 | 1 | 1984 | | B10 | | | | | | | | | | | | | 80.48 | | | | | | | | | | |
| 31 | 1 | 1984 | | B11 | | | | | | | | | | | | | 66.67 | | | | | | | | | | |
| 31 | 1 | 1984 | | B12 | | | | | | | | | | | | | 60.36 | | | | | | | | | | |
| 1 | 2 | 1984 | | B01 | | | | | | | | | | | | 78.32 | | 8.05 | | 0.675 | | 0.165 | | | | 15.5 | 18.5 |
| 1 | 2 | 1984 | | B02 | | | | | | | | | | | | 90.9 | | 8.23 | | 0.477 | | 0.09 | | | | 15. | 17.5 |
| 1 | 2 | 1984 | | B03 | | | | | | | | | | | | 87.34 | | 8.2 | | 0.357 | | 0.28 | | | | 16.5 | 16.5 |
| 1 | 2 | 1984 | | B06 | | | | | | | | | | | | 74.13 | | 8.28 | | 0.28 | | 0.065 | | | | 16. | 19. |
| 1 | 2 | 1984 | | B07 | | | | | | | | | | | | 88.25 | | 8.15 | | 0.57 | | 0.08 | | | | 23.5 | 26. |
| 1 | 2 | 1984 | | B08 | | | | | | | | | | | | 79.42 | | 8.1 | | 0.282 | | 0.165 | | | | 20. | 20. |
| 1 | 2 | 1984 | | B09 | | | | | | | | | | | | 81.19 | | 8.15 | | 0.337 | | 0.425 | | | | 17.5 | 16.5 |
| 1 | 2 | 1984 | | B10 | | | | | | | | | | | | 90.46 | | 8.35 | | 0.285 | | 0.205 | | | | 14. | 15.5 |
| 1 | 2 | 1984 | | B11 | | | | | | | | | | | | 89.13 | | 8.2 | | 0.285 | | 0.305 | | | | 14.5 | 18. |
| 1 | 2 | 1984 | | B12 | | | | | | | | | | | | 70.6 | | 8. | | 0.325 | | 0.47 | | | | 13.5 | 12.5 |
| 3 | 2 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.936 | 0.79 | | |
| 3 | 2 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 1.769 | 0.875 | | |
| 3 | 2 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.898 | 0.575 | | |
| 3 | 2 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.861 | 0.555 | | |
| 3 | 2 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.687 | 0.41 | | |
| 3 | 2 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 1.079 | 0.74 | | |
| 3 | 2 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 1.291 | 0.91 | | |
| 3 | 2 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.984 | 0.665 | | |
| 3 | 2 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 1.021 | 0.655 | | |
| 3 | 2 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 0.978 | 0.715 | | |
| 6 | 2 | 1984 | | B01 | 600 | 5.2 | 4.8 | 3.9 | 23. | 23. | 23. | | | | | | | | | | | | | 1.531 | 0.755 | | |
| 6 | 2 | 1984 | | B02 | 600 | 6.2 | 6.1 | 5.7 | 23. | 23. | 23. | | | | | | | | | | | | | 1.379 | 0.905 | | |
| 6 | 2 | 1984 | | B03 | 600 | 6.2 | 6.2 | 5.9 | 23. | 23. | 23. | | | | | | | | | | | | | 0.962 | 0.58 | | |
| 6 | 2 | 1984 | | B06 | 600 | 6.2 | 6.2 | 5.9 | 24. | 23.5 | 24. | | | | | | | | | | | | | 0.827 | 0.53 | | |
| 6 | 2 | 1984 | | B07 | 600 | 5.7 | 5.5 | 5.6 | 23. | 23. | 23. | | | | | | | | | | | | | 0.779 | 0.41 | | |
| 6 | 2 | 1984 | | B08 | 600 | 6.1 | 5.9 | 6. | 23. | 23. | 23. | | | | | | | | | | | | | 1.169 | 0.785 | | |
| 6 | 2 | 1984 | | B09 | 600 | 6.1 | 6. | 6.1 | 23. | 23. | 23. | | | | | | | | | | | | | 1.252 | 0.93 | | |
| 6 | 2 | 1984 | | B10 | 600 | 6.3 | 6.2 | 6.3 | 23. | 23. | 23. | | | | | | | | | | | | | 1.114 | 0.655 | | |
| 6 | 2 | 1984 | | B11 | 600 | 6.2 | 6.1 | 6.2 | 23. | 23. | 23. | | | | | | | | | | | | | 1.098 | 0.78 | | |
| 6 | 2 | 1984 | | B12 | 600 | 6. | 5.9 | | 23.5 | 23.5 | | | | | | | | | | | | | | 1.011 | 0.88 | | |
| 13 | 2 | 1984 | | B01 | 600 | 6.8 | 6.5 | 0.2 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B02 | 600 | 6.7 | 6.5 | 0.3 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B03 | 600 | 6.7 | 6.5 | 1.2 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B06 | 600 | 7.8 | 7.5 | 0.9 | 24.5 | 24.5 | 22.5 | | | | | | | | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 2 | 1984 | | B07 | 600 | 5.9 | 5.9 | 0.3 | 24. | 24. | 22.5 | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B08 | 600 | 6.6 | 6.6 | 0.2 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B09 | 600 | 6.6 | 6.4 | 0.5 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B10 | 600 | 6.6 | 6.7 | 0.4 | 24. | 24. | 22.5 | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B11 | 600 | 6.6 | 6.5 | 0.6 | 23.5 | 24. | 22. | | | | | | | | | | | | | | | | |
| 13 | 2 | 1984 | | B12 | 600 | 6.6 | 6.4 | 0.2 | 24. | 24. | 22. | | | | | | | | | | | | | | | | |
| 15 | 2 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 17. | 18.25 |
| 15 | 2 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 20.5 | 18.5 |
| 15 | 2 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 16.5 | 19. |
| 15 | 2 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 27. | 26.5 |
| 15 | 2 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 20.25 | 25.5 |
| 15 | 2 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 16.5 | 15.5 |
| 15 | 2 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 14. | 12.75 |
| 15 | 2 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10. |
| 15 | 2 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11.5 |
| 15 | 2 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 12.5 |
| 20 | 2 | 1984 | | B01 | 600 | 4.8 | 4.8 | 0.2 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B02 | 600 | 5.4 | 5.5 | 0.3 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B03 | 600 | 5.8 | 6. | 0.1 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B06 | 600 | 6.1 | 6.2 | 0.5 | 25.5 | 25. | 25. | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B07 | 600 | 5.5 | 5.1 | 0.4 | 25. | 25. | 24. | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B08 | 600 | 6.9 | 4.8 | 0.3 | 24.5 | 25. | 24. | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B09 | 600 | 4.9 | 5.1 | 0.2 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B10 | 600 | 5.8 | 5.5 | 0.2 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B11 | 600 | 5.8 | 6. | 0.4 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 20 | 2 | 1984 | | B12 | 600 | 5.9 | 5.1 | 0.1 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | | | | | |
| 28 | 2 | 1984 | | B01 | | | | | | | | | | | | | 81.68 | | | | | | | | | |
| 28 | 2 | 1984 | | B02 | | | | | | | | | | | | | 79.58 | | | | | | | | | |
| 28 | 2 | 1984 | | B03 | | | | | | | | | | | | | 75.36 | | | | | | | | | |
| 28 | 2 | 1984 | | B06 | | | | | | | | | | | | | 70.35 | | | | | | | | | |
| 28 | 2 | 1984 | | B07 | | | | | | | | | | | | | 77.47 | | | | | | | | | |
| 28 | 2 | 1984 | | B08 | | | | | | | | | | | | | 76.94 | | | | | | | | | |
| 28 | 2 | 1984 | | B09 | | | | | | | | | | | | | 81.68 | | | | | | | | | |
| 28 | 2 | 1984 | | B10 | | | | | | | | | | | | | 85.9 | | | | | | | | | |
| 28 | 2 | 1984 | | B11 | | | | | | | | | | | | | 71.14 | | | | | | | | | |
| 28 | 2 | 1984 | | B12 | | | | | | | | | | | | | 63.77 | | | | | | | | | |
| 29 | 2 | 1984 | | B01 | | | | | | | | | | | | 91.2 | | 8.35 | | | | | 1.265 | 0.985 | | |
| 29 | 2 | 1984 | | B02 | | | | | | | | | | | | 114.01 | | 8.55 | | | | | 1.295 | 1.16 | | |
| 29 | 2 | 1984 | | B03 | | | | | | | | | | | | 103.49 | | 8.4 | | | | | 0.96 | 0.84 | | |
| 29 | 2 | 1984 | | B06 | | | | | | | | | | | | 82.44 | | 8.6 | | | | | 0.88 | 0.785 | | |
| 29 | 2 | 1984 | | B07 | | | | | | | | | | | | 105.67 | | 8.35 | | | | | 0.69 | 0.59 | | |
| 29 | 2 | 1984 | | B08 | | | | | | | | | | | | 102.61 | | 8.4 | | | | | 1.125 | 1.04 | | |
| 29 | 2 | 1984 | | B09 | | | | | | | | | | | | 109.18 | | 8.3 | | | | | 1.232 | 1.12 | | |
| 29 | 2 | 1984 | | B10 | | | | | | | | | | | | 120.58 | | 8.4 | | | | | 1.295 | 1.025 | | |
| 29 | 2 | 1984 | | B11 | | | | | | | | | | | | 108.3 | | 8.4 | | | | | 0.91 | 0.96 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 2 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 3 | 1984 | | B01 | | | | | | | | | | | | 77.39 | | 8.2 | | | | | | 0.73 | 0.865 | | |
| 1 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | 0.115 | | | | | |
| 1 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | 0.115 | | | | | |
| 1 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | 0.127 | | | | | |
| 1 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | 0.13 | | | | | |
| 1 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | 0.125 | | | | | |
| 1 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | 0.125 | | | | | |
| 1 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | 0.195 | | | | | |
| 1 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | 0.085 | | | | | |
| 1 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | 0.1 | | | | | |
| 5 | 3 | 1984 | | B01 | 600 | 5.3 | 4.9 | 0.3 | 23. | 23.5 | 22.5 | | | | | | | | | | | 0.195 | | | | | |
| 5 | 3 | 1984 | | B02 | 600 | 5.9 | 5.9 | | 23.5 | 23.5 | | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B03 | 600 | 6.2 | 6.2 | 0.4 | 23. | 23. | 21.5 | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B06 | 600 | 6.2 | 5.8 | | 23. | 23.5 | | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B07 | 600 | 5.8 | 5.8 | 0.6 | 23.5 | 23.5 | 23. | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B08 | 600 | 5.8 | 5.7 | 0.3 | 23.5 | 23.5 | 22.5 | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B09 | 600 | 6.1 | 6. | 0.3 | 23. | 23. | 22. | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B10 | 600 | 5.9 | 5.8 | 0.3 | 23. | 23. | 22. | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B11 | 600 | 6.5 | 6.6 | 0.2 | 23. | 23. | 21.5 | | | | | | | | | | | | | | | | |
| 5 | 3 | 1984 | | B12 | 600 | 5.6 | 5.8 | | 23. | 23. | | | | | | | | | | | | | | | | | |
| 7 | 3 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 12. | 13. |
| 7 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 18. | 17. |
| 7 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 15.5 | 13. |
| 7 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 15.5 |
| 7 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 17. | 19.5 |
| 7 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 16. | 15.5 |
| 7 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 13.5 |
| 7 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 13. |
| 7 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 12.5 |
| 12 | 3 | 1984 | | B01 | 600 | 3.3 | 4.5 | 0.2 | 23. | 23. | 23. | | | | | | | | | | | | | | | 12. | 12. |
| 12 | 3 | 1984 | | B02 | 600 | 5.2 | 5.3 | 1.2 | 23.5 | 23.5 | 23.5 | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B03 | 600 | 4.7 | 5.2 | 0.7 | 23. | 23. | 23. | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B06 | 600 | 5.2 | 5.4 | 4.4 | 24. | 24. | | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B07 | 600 | 5.3 | 5.2 | 1.3 | 24. | 24. | 24. | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B08 | 600 | 4.6 | 4.9 | 0.9 | 23.5 | 23.5 | 23.5 | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B09 | 600 | 4.7 | 4.9 | 0.4 | 23. | 23. | 23. | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B10 | 600 | 4.7 | 4.8 | 0.4 | 23. | 23. | 23. | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B11 | 600 | 5.5 | 5.6 | | 23. | 23. | 23. | | | | | | | | | | | | | | | | |
| 12 | 3 | 1984 | | B12 | 600 | 5. | 5.1 | | 23. | 23. | | | | | | | | | | | | | | | | | |
| 14 | 3 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 11. | 12.5 |
| 14 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 19. | 14. |
| 14 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 15. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 18.5 | 14.5 |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 18. | 17.5 |
| 14 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 17. | 18.5 |
| 14 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 11. | 11.5 |
| 14 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 13. | 11. |
| 14 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 12. | 13. |
| 14 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 12.5 |
| 19 | 3 | 1984 | | B01 | 600 | 7.9 | 7.8 | 0.2 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | 1.466 | 1.215 | | |
| 19 | 3 | 1984 | | B02 | 600 | 8.8 | 8.6 | 0.1 | 24.5 | 24.5 | 24. | | | | | | | | | | | | | 0.985 | | |
| 19 | 3 | 1984 | | B03 | 600 | 9.3 | 9.2 | 0.1 | 24.5 | 24.5 | 23.5 | | | | | | | | | | | | 1.14 | 0.985 | | |
| 19 | 3 | 1984 | | B06 | 600 | 9.3 | 9. | 0.2 | 25. | 25. | 24. | | | | | | | | | | | | 1.207 | 0.695 | | |
| 19 | 3 | 1984 | | B07 | 600 | 8.8 | 9. | 0.1 | 25. | 25. | 24.5 | | | | | | | | | | | | 1.092 | 0.665 | | |
| 19 | 3 | 1984 | | B08 | 600 | 8.3 | 8.3 | 0.1 | 25. | 25. | 24.5 | | | | | | | | | | | | 1.525 | 1.125 | | |
| 19 | 3 | 1984 | | B09 | 600 | 9.1 | 9. | 0.9 | 24.5 | 24.5 | 24. | | | | | | | | | | | | 1.389 | 1.26 | | |
| 19 | 3 | 1984 | | B10 | 600 | 8.6 | 8.6 | 0.3 | 24.5 | 24.5 | 24. | | | | | | | | | | | | 1.414 | 1.19 | | |
| 19 | 3 | 1984 | | B11 | 600 | 9.1 | 9.1 | 0.3 | 24.5 | 24.5 | 24. | | | | | | | | | | | | 1.389 | 1.25 | | |
| 19 | 3 | 1984 | | B12 | 600 | 8.3 | 7.8 | 0.2 | 24.5 | 24.5 | 24. | | | | | | | | | | | | 1.364 | 0.9 | | |
| 20 | 3 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.636 | 1.25 | | |
| 20 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.551 | 1.25 | | |
| 20 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 1.57 | 1.25 | | |
| 20 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 1.248 | 0.865 | | |
| 20 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 1.111 | 0.8 | | |
| 20 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 1.606 | 1.25 | | |
| 20 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | 1.626 | 1.25 | | |
| 20 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 1.61 | 1.25 | | |
| 20 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | 1.608 | 1.25 | | |
| 20 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | 1.544 | 1.19 | | |
| 21 | 3 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.562 | 1.18 | | |
| 21 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.567 | 1.25 | | |
| 21 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 1.537 | 1.16 | | |
| 21 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 1.283 | 0.9 | | |
| 21 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 0.89 | 0.865 | | |
| 21 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 1.606 | 1.25 | | |
| 21 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 1.25 | | |
| 21 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 1.568 | 1.25 | | |
| 21 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.915 | | |
| 21 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | 1.587 | 1.05 | | |
| 22 | 3 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.282 | 0.985 | | |
| 22 | 3 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.61 | 1.25 | | |
| 22 | 3 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 1.458 | 1.25 | | |
| 22 | 3 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 1.315 | 1.19 | | |
| 22 | 3 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 1.195 | 0.95 | | |
| 22 | 3 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 1.543 | 1.25 | | |
| 22 | 3 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | 1.544 | 1.25 | | |
| 22 | 3 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 1.472 | 1.25 | | |
| 22 | 3 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | 1.519 | 1.06 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 3 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 1.301 | 0.9 | | |
| 26 | 3 | 1984 | | B01 | 600 | 5.5 | 5.6 | | 26. | 26. | | | | | | | | | | | | | | 1.371 | 1.14 | | |
| 26 | 3 | 1984 | | B02 | 600 | 6.4 | 6.1 | 0.4 | 26.5 | 26.5 | 24.5 | | | | | | | | | | | | | 1.425 | 1.25 | | |
| 26 | 3 | 1984 | | B03 | 600 | 5.9 | 5.3 | 0.4 | 26. | 26. | 24. | | | | | | | | | | | | | 1.31 | 1.13 | | |
| 26 | 3 | 1984 | | B06 | 600 | 6.2 | 6. | | 26.5 | 26.5 | | | | | | | | | | | | | | 1.077 | 0.75 | | |
| 26 | 3 | 1984 | | B07 | 600 | 5.9 | 5.6 | 0.7 | 26.5 | 26.5 | 24.5 | | | | | | | | | | | | | 1.088 | 0.75 | | |
| 26 | 3 | 1984 | | B08 | 600 | 6.2 | 6. | 0.5 | 26.5 | 26.5 | 24.5 | | | | | | | | | | | | | 1.434 | 1.25 | | |
| 26 | 3 | 1984 | | B09 | 600 | 5.9 | 5.3 | 0.4 | 26. | 26. | 24. | | | | | | | | | | | | | 1.417 | 1.25 | | |
| 26 | 3 | 1984 | | B10 | 600 | 5.3 | 5.2 | 0.2 | 26. | 26. | 23.5 | | | | | | | | | | | | | 1.373 | 1.25 | | |
| 26 | 3 | 1984 | | B11 | 600 | 5.9 | 5.5 | 0.1 | 26. | 26. | 24. | | | | | | | | | | | | | 1334. | 1.25 | | |
| 26 | 3 | 1984 | | B12 | 600 | 5.5 | 5.2 | | 26. | 26. | | | | | | | | | | | | | | 1.277 | 0.94 | | |
| 27 | 3 | 1984 | | B01 | | | | | | | | | | | | 107.88 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B02 | | | | | | | | | | | | 143.53 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B03 | | | | | | | | | | | | 132.42 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B06 | | | | | | | | | | | | 103.71 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B07 | | | | | | | | | | | | 132.57 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B08 | | | | | | | | | | | | 136.12 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B09 | | | | | | | | | | | | 149.09 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B10 | | | | | | | | | | | | 139.8 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B11 | | | | | | | | | | | | 139.8 | | | | | | | | | | | |
| 27 | 3 | 1984 | | B12 | | | | | | | | | | | | 93.99 | | | | | | | | | | | |
| 28 | 3 | 1984 | | B01 | | | | | | | | | | | | | | 8.3 | | 1.014 | | | | 0.994 | 1.11 | 10.75 | 10.5 |
| 28 | 3 | 1984 | | B02 | | | | | | | | | | | | | | 8.7 | | 0.756 | | | | 1.109 | 1.4 | 12. | 12.5 |
| 28 | 3 | 1984 | | B03 | | | | | | | | | | | | | | 8.5 | | 0.684 | | | | 1.22 | 1.09 | 10.75 | 9.75 |
| 28 | 3 | 1984 | | B06 | | | | | | | | | | | | | | 8.65 | | 0.247 | | | | 1.035 | 0.73 | 12.5 | 13.25 |
| 28 | 3 | 1984 | | B07 | | | | | | | | | | | | | | 8.45 | | 0.222 | | | | 0.822 | 0.825 | 13.5 | 14. |
| 28 | 3 | 1984 | | B08 | | | | | | | | | | | | | | 8.6 | | 0.152 | | | | 1.312 | 1.3 | 14.5 | 17.75 |
| 28 | 3 | 1984 | | B09 | | | | | | | | | | | | | | 8.4 | | 0.19 | | | | 1.488 | 1.4 | 10. | 8.75 |
| 28 | 3 | 1984 | | B10 | | | | | | | | | | | | | | 8.3 | | 0.289 | | | | 1.422 | 1.27 | 10. | 9.25 |
| 28 | 3 | 1984 | | B11 | | | | | | | | | | | | | | 8.3 | | 0.211 | | | | 1.392 | 1.18 | 14. | 11.5 |
| 28 | 3 | 1984 | | B12 | | | | | | | | | | | | | | 8.25 | | 0.237 | | | | 1.09 | 0.94 | 7.25 | 8.5 |
| 2 | 4 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 0.756 | | | |
| 2 | 4 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 0.836 | | | |
| 2 | 4 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.677 | | | |
| 2 | 4 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.506 | | | |
| 2 | 4 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.567 | | | |
| 2 | 4 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 0.793 | | | |
| 2 | 4 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 0.873 | | | |
| 2 | 4 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 0.793 | | | |
| 2 | 4 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 0.803 | | | |
| 2 | 4 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 0.616 | | | |
| 7 | 4 | 1984 | | B01 | 600 | 3.6 | 3.7 | 3.3 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B02 | 600 | 3.75 | 3.8 | 3.1 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B03 | 600 | 3.9 | 4. | 3.9 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B06 | 600 | 4.2 | 4.1 | 3.95 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER EMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 4 | 1984 | | B07 | 600 | 4.6 | 4.5 | 4.4 | 26.5 | 26.5 | 26.5 | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B08 | 600 | 3.8 | 3.7 | 3.3 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B09 | 600 | 3.9 | 3.85 | 3.3 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B10 | 600 | 4.3 | 4.2 | 3.5 | 25.5 | 25.5 | 25.5 | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B11 | 600 | 4.3 | 4.3 | 3. | 25.5 | 25.5 | 25.5 | | | | | | | | | | | | | | | | |
| 7 | 4 | 1984 | | B12 | 600 | 4.65 | 4.65 | 4.3 | 25.5 | 25.5 | 25.5 | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B01 | 600 | 4.8 | 4. | 0.2 | 25. | 25. | 24.5 | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B02 | 600 | 5.8 | 6. | | 24.5 | 25. | | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B03 | 600 | 5.7 | 5.3 | 0.8 | 24.5 | 24.5 | 24.5 | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B06 | 600 | 5. | 4. | 2.6 | 25. | 25. | 25. | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B07 | 600 | 5.4 | 3.8 | 2.2 | 25. | 25. | 25. | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B08 | 600 | 6. | | 2.2 | 25. | 25. | 25. | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B09 | 600 | 5.5 | | 0.9 | 24.5 | 25. | 24.5 | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B10 | 600 | 5.3 | | 0.4 | 24.5 | 24.5 | 24.5 | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B11 | 600 | 5.6 | | 0.6 | 24.5 | 25. | 24. | | | | | | | | | | | | | | | | |
| 9 | 4 | 1984 | | B12 | 600 | 5.3 | | 0.2 | 25. | 24. | 24. | | | | | | | | | | | | | | | | |
| 23 | 4 | 1984 | | B01 | 600 | 5. | 4.9 | 0.2 | 25. | 25. | 25. | | | | | | | 8.4 | | | | | | | | | |
| 23 | 4 | 1984 | | B02 | 600 | 5.4 | 5.3 | 0.2 | 25. | 25. | 24.5 | | | | | | | 8.75 | | | | | | | | | |
| 23 | 4 | 1984 | | B03 | 600 | 5.65 | 5.6 | 0.1 | 25. | 25. | 24.5 | | | | | | | 8.5 | | | | | | | | | |
| 23 | 4 | 1984 | | B06 | 600 | 5.5 | 5.4 | 0.8 | 25. | 25. | 25. | | | | | | | 8.3 | | | | | | | | | |
| 23 | 4 | 1984 | | B07 | 600 | 5.5 | 5.3 | 1.5 | 25.5 | 25.5 | 25.5 | | | | | | | 8.45 | | | | | | | | | |
| 23 | 4 | 1984 | | B08 | 600 | 4.6 | 4.4 | 0.7 | 25. | 25. | 25. | | | | | | | 8.45 | | | | | | | | | |
| 23 | 4 | 1984 | | B09 | 600 | 5.8 | 5.8 | 0.3 | 25. | 25. | 24.5 | | | | | | | 8.5 | | | | | | | | | |
| 23 | 4 | 1984 | | B10 | 600 | 5.3 | 5.1 | 0.2 | 24.5 | 24.5 | 24. | | | | | | | 8.5 | | | | | | | | | |
| 23 | 4 | 1984 | | B11 | 600 | 5.7 | 5.65 | 0.2 | 24.5 | 24.5 | 24.5 | | | | | | | 8.45 | | | | | | | | | |
| 23 | 4 | 1984 | | B12 | 600 | 5. | 4.9 | 0.1 | 24. | 24. | 24. | | | | | | | 8.3 | | | | | | | | | |
| 25 | 4 | 1984 | | B01 | | | | | | | | | | | | 101.6 | 81.45 | | | 0.234 | | | | 2.961 | 1.17 | 13. | 14. |
| 25 | 4 | 1984 | | B02 | | | | | | | | | | | | 151.62 | 107.74 | | | 0.243 | | | | 2.19 | 1.6 | 13. | 14. |
| 25 | 4 | 1984 | | B03 | | | | | | | | | | | | 138.23 | 97.95 | | | 0.187 | | | | 2.33 | 1.27 | 14.5 | 15.5 |
| 25 | 4 | 1984 | | B06 | | | | | | | | | | | | 98.1 | 80.93 | | | 0.178 | | | | 0.99 | 0.66 | 18. | 18.5 |
| 25 | 4 | 1984 | | B07 | | | | | | | | | | | | 136.32 | 101.55 | | | 0.094 | | | | 1.37 | 0.97 | 21.5 | 18.5 |
| 25 | 4 | 1984 | | B08 | | | | | | | | | | | | 136.95 | 102.58 | | | 0.094 | | | | 1.85 | 1.46 | 16.5 | 15.5 |
| 25 | 4 | 1984 | | B09 | | | | | | | | | | | | 143.32 | 100.52 | | | 0.056 | | | | 2.1 | 1.56 | 21. | 17.5 |
| 25 | 4 | 1984 | | B10 | | | | | | | | | | | | 154.79 | 97.44 | | | 0.094 | | | | 1.87 | 1.47 | 14. | 15. |
| 25 | 4 | 1984 | | B11 | | | | | | | | | | | | 138.23 | 81.96 | | | 0.141 | | | | 1.78 | 1.44 | 14.5 | 13. |
| 25 | 4 | 1984 | | B12 | | | | | | | | | | | | 105.1 | 80.42 | | | 0.103 | | | | 1.434 | 1.17 | 15.5 | 13. |
| 30 | 4 | 1984 | | B01 | 600 | 4.3 | 4.3 | 4.1 | 25.5 | 25.5 | 25.5 | | | | | | | 8.15 | | | | 0.19 | | | | | |
| 30 | 4 | 1984 | | B02 | 600 | 4.15 | 4.2 | 4.2 | 25.5 | 25.5 | 25.5 | | | | | | | 8.6 | | | | 0.05 | | | | | |
| 30 | 4 | 1984 | | B03 | 600 | 4.5 | 4.5 | 4.3 | 25.5 | 25.5 | 25.5 | | | | | | | 8.3 | | | | 0.12 | | | | | |
| 30 | 4 | 1984 | | B06 | 600 | 4.7 | 4.65 | 4.5 | 26. | 26. | 26. | | | | | | | 8.35 | | | | 0.145 | | | | | |
| 30 | 4 | 1984 | | B07 | 600 | 4.9 | 4.9 | 4.9 | 26. | 26. | 26. | | | | | | | 8.5 | | | | 0.1 | | | | | |
| 30 | 4 | 1984 | | B08 | 600 | 4.1 | 4. | 4. | 25.5 | 25.5 | 25.5 | | | | | | | 8.35 | | | | 0.15 | | | | | |
| 30 | 4 | 1984 | | B09 | 600 | 4.6 | 4.6 | 3.7 | 25.5 | 25.5 | 25.5 | | | | | | | 8.4 | | | | 0.095 | | | | | |
| 30 | 4 | 1984 | | B10 | 600 | 4.05 | 4. | 3.9 | 25. | 25. | 25. | | | | | | | 8.3 | | | | 0.145 | | | | | |
| 30 | 4 | 1984 | | B11 | 600 | 4.85 | 4.8 | 4.7 | 25.5 | 25.5 | 25.5 | | | | | | | 8.25 | | | | 0.135 | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | NO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 4 | 1984 | | B12 | 600 | 4. | 3.9 | 3.1 | 25. | 25. | 25. | | | | | | | | | | | | | | | | |
| 9 | 5 | 1984 | | B01 | | | | | | | | | | | | | | 8.15 | | | | 0.155 | | | | | |
| 9 | 5 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 11. | 13.5 |
| 9 | 5 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 13.75 | 15. |
| 9 | 5 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 13. |
| 9 | 5 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 10.25 | 11.25 |
| 9 | 5 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 21.5 | 21.25 |
| 9 | 5 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 16.5 | 15.5 |
| 9 | 5 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 16.25 | 16.5 |
| 9 | 5 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 10.75 |
| 9 | 5 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 11.75 | 12.25 |
| 14 | 5 | 1984 | | B01 | 600 | 4.8 | 4.6 | 4.3 | 25. | 25. | 25. | | | | | | | | | | | | | | | 10. | 10. |
| 14 | 5 | 1984 | | B02 | 600 | 4.7 | 4.5 | 4.3 | 25. | 25. | 25. | | | | | | | | | | | | | 1.03 | | | |
| 14 | 5 | 1984 | | B03 | 600 | 4.85 | 4.85 | 4.7 | 25. | 25. | 25. | | | | | | | | | | | | | 1.62 | | | |
| 14 | 5 | 1984 | | B06 | 600 | 4.7 | 4.7 | 4.65 | 25. | 25. | 25. | | | | | | | | | | | | | 1.42 | | | |
| 14 | 5 | 1984 | | B07 | 600 | 5.1 | 5.1 | 4.8 | 25. | 25. | 25. | | | | | | | | | | | | | 0.74 | | | |
| 14 | 5 | 1984 | | B08 | 600 | 4.7 | 4.6 | 4.45 | 25. | 25. | 25. | | | | | | | | | | | | | 1.08 | | | |
| 14 | 5 | 1984 | | B09 | 600 | 4.9 | 4.8 | 4.7 | 25. | 25. | 25. | | | | | | | | | | | | | 1.58 | | | |
| 14 | 5 | 1984 | | B10 | 600 | 4.7 | 4.6 | 4.5 | 24.5 | 24.5 | 24.5 | | | | | | | | | | | | | 1.65 | | | |
| 14 | 5 | 1984 | | B11 | 600 | 4.6 | 4.6 | 4.6 | 24.5 | 24.5 | 24.5 | | | | | | | | | | | | | 1.66 | | | |
| 14 | 5 | 1984 | | B12 | 600 | 4.2 | 4.2 | 4.2 | 25. | 25. | 25. | | | | | | | | | | | | | 1.64 | | | |
| 16 | 5 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.24 | | | |
| 16 | 5 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.912 | 1.4 | | | |
| 16 | 5 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 2.193 | 3.2 | | | |
| 16 | 5 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 2.035 | 1.84 | | | |
| 16 | 5 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 1.243 | 1.04 | | | |
| 16 | 5 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 1.625 | 1.2 | | | |
| 16 | 5 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | 2.12 | 1.84 | | | |
| 16 | 5 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 1.55 | 1.76 | | | |
| 16 | 5 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | 2.27 | 1.78 | | | |
| 16 | 5 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | 2.205 | 2. | | | |
| 17 | 5 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.74 | 1.36 | | | |
| 17 | 5 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.67 | 1.36 | | | |
| 17 | 5 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 2.22 | 1.86 | | | |
| 17 | 5 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 2.07 | 1.6 | | | |
| 17 | 5 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 1.26 | 0.9 | | | |
| 17 | 5 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 1.65 | 1.28 | | | |
| 17 | 5 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | 2.13 | 1.76 | | | |
| 17 | 5 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 2.15 | 1.86 | | | |
| 17 | 5 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | 2.18 | 1.88 | | | |
| 17 | 5 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | 2. | 1.8 | | | |
| 18 | 5 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.95 | 2.28 | | | |
| 18 | 5 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.84 | | | | |
| 18 | 5 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 2.07 | | | | |
| 18 | 5 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 2.11 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 1.34 | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 5 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 1.7 | | | |
| 18 | 5 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 2.08 | | | |
| 18 | 5 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 2.05 | | | |
| 18 | 5 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 1.82 | | | |
| 18 | 5 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 2.2 | | | |
| 18 | 5 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 1.58 | | | |
| 21 | 5 | 1984 | | B01 | 600 | 4.4 | 4.3 | 2.5 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | | |
| 21 | 5 | 1984 | | B02 | 600 | 4.8 | 4.6 | 3.2 | 26. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 21 | 5 | 1984 | | B03 | 600 | 4.6 | 4.6 | 3.4 | 26. | 26. | 26. | | | | | | | 8.45 | | | | | | | | | |
| 21 | 5 | 1984 | | B06 | 600 | 3.9 | 3.9 | 3.2 | 26. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 21 | 5 | 1984 | | B07 | 600 | 4.9 | 4.85 | 4.8 | 26.5 | 26.5 | 26.5 | | | | | | | 8.5 | | | | | | | | | |
| 21 | 5 | 1984 | | B08 | 600 | 4.7 | 4.6 | 4.25 | 26. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 21 | 5 | 1984 | | B09 | 600 | 4.7 | 4.6 | 4.3 | 26. | 26. | 26. | | | | | | | 8.4 | | | | | | | | | |
| 21 | 5 | 1984 | | B10 | 600 | 4.4 | 4.2 | 2.1 | 26. | 26. | 26. | | | | | | | 8.4 | | | | | | | | | |
| 21 | 5 | 1984 | | B11 | 600 | 5. | 4.9 | 4.1 | 26. | 26. | 26. | | | | | | | 8.4 | | | | | | | | | |
| 21 | 5 | 1984 | | B12 | 600 | 3.8 | 3.7 | 3.1 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | | |
| 23 | 5 | 1984 | | B01 | | | | | | | | | | | | 109.72 | 81.45 | | | 0.144 | | | | | 1.1 | 14.5 | 15. |
| 23 | 5 | 1984 | | B02 | | | | | | | | | | | | 163.13 | 113.93 | | | 0.1 | | | | | 1.7 | 14. | 15. |
| 23 | 5 | 1984 | | B03 | | | | | | | | | | | | 129.14 | 105.16 | | | 0.1 | | | | | 1.5 | 12. | 11. |
| 23 | 5 | 1984 | | B06 | | | | | | | | | | | | 77.68 | 98.99 | | | 0.122 | | | | | 0.85 | 10. | 9.5 |
| 23 | 5 | 1984 | | B07 | | | | | | | | | | | | 154.39 | 110.06 | | | 0.122 | | | | | 1.18 | 19.5 | 20. |
| 23 | 5 | 1984 | | B08 | | | | | | | | | | | | 134. | 107.23 | | | 0.088 | | | | | 1.63 | 16. | 16.5 |
| 23 | 5 | 1984 | | B09 | | | | | | | | | | | | 150.05 | 106.71 | | | 0.067 | | | | | 1.64 | 15. | 14.5 |
| 23 | 5 | 1984 | | B10 | | | | | | | | | | | | 169.92 | 106.2 | | | 0.144 | | | | | 1.79 | 10.5 | 10.5 |
| 23 | 5 | 1984 | | B11 | | | | | | | | | | | | 162.16 | 87.64 | | | 0.233 | | | | | 1.7 | 11. | 11. |
| 23 | 5 | 1984 | | B12 | | | | | | | | | | | | 108.75 | 84.54 | | | 0.067 | | | | | 1.4 | 9. | 9. |
| 24 | 5 | 1984 | | B01 | | | | | | | | | | | | | | | | | | 0.06 | | | | | |
| 24 | 5 | 1984 | | B02 | | | | | | | | | | | | | | | | | | 0.055 | | | | | |
| 24 | 5 | 1984 | | B03 | | | | | | | | | | | | | | | | | | 0.12 | | | | | |
| 24 | 5 | 1984 | | B06 | | | | | | | | | | | | | | | | | | 0.09 | | | | | |
| 24 | 5 | 1984 | | B07 | | | | | | | | | | | | | | | | | | 0.155 | | | | | |
| 24 | 5 | 1984 | | B08 | | | | | | | | | | | | | | | | | | 0.115 | | | | | |
| 24 | 5 | 1984 | | B09 | | | | | | | | | | | | | | | | | | 0.12 | | | | | |
| 24 | 5 | 1984 | | B10 | | | | | | | | | | | | | | | | | | 0.245 | | | | | |
| 24 | 5 | 1984 | | B11 | | | | | | | | | | | | | | | | | | 0.18 | | | | | |
| 24 | 5 | 1984 | | B12 | | | | | | | | | | | | | | | | | | 0.217 | | | | | |
| 28 | 5 | 1984 | | B01 | 600 | 4.05 | 3.9 | 3.2 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B02 | 600 | 4.6 | 4.5 | 3.9 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B03 | 600 | 4.7 | 4.6 | 4.3 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B06 | 600 | 4.2 | 4.15 | 3.6 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B07 | 600 | 5. | 4.9 | 4.6 | 26.5 | 26.5 | 26.5 | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B08 | 600 | 4.7 | 4.6 | 4.5 | 26.5 | 26.5 | 26.5 | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B09 | 600 | 4.8 | 4.7 | 4.2 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B10 | 600 | 4.5 | 4.5 | 2.7 | 26. | 26. | 25.5 | | | | | | | | | | | | | | | | |
| 28 | 5 | 1984 | | B11 | 600 | 4.9 | 4.8 | 2.6 | 26. | 26. | 25.5 | | | | | | | | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Dry Seaso

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 5 | 1984 | | B12 | 600 | 4.1 | 4. | 1.3 | 26. | 26. | 26. | | | | | | | | | | | | | | | | |
| 4 | 6 | 1984 | | B01 | 600 | 3.8 | 3.6 | 2.4 | 26.5 | 26.5 | 26.5 | | | | | | | 8.15 | | | | | | | | | |
| 4 | 6 | 1984 | | B02 | 600 | 3.5 | 3.5 | 2.9 | 26.5 | 26.5 | 26.5 | | | | | | | 8.45 | | | | | | | | | |
| 4 | 6 | 1984 | | B03 | 600 | 3.8 | 3.8 | 3.6 | 26. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 4 | 6 | 1984 | | B06 | 600 | 2.95 | 2.9 | 2.6 | 26.5 | 26.5 | 26.5 | | | | | | | 8.4 | | | | | | | | | |
| 4 | 6 | 1984 | | B07 | 600 | 4.3 | 4.2 | 3.9 | 27. | 27. | 27. | | | | | | | 8.6 | | | | | | | | | |
| 4 | 6 | 1984 | | B08 | 600 | 2.9 | 2.7 | 2.8 | 26.5 | 26.5 | 26.5 | | | | | | | 8.5 | | | | | | | | | |
| 4 | 6 | 1984 | | B09 | 600 | 4. | 4. | 3.75 | 26.5 | 26.5 | 26.5 | | | | | | | 8.45 | | | | | | | | | |
| 4 | 6 | 1984 | | B10 | 600 | 3.3 | 3.2 | 3. | 26. | 26. | 26. | | | | | | | 8.35 | | | | | | | | | |
| 4 | 6 | 1984 | | B11 | 600 | 4.2 | 4.1 | 3.8 | 26. | 26. | 26. | | | | | | | 8.35 | | | | | | | | | |
| 4 | 6 | 1984 | | B12 | 600 | 3.2 | 3.2 | 3. | 26. | 26. | 26. | | | | | | | 8.2 | | | | | | | | | |
| 6 | 6 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 13. | 15. |
| 6 | 6 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 15.5 | 17. |
| 6 | 6 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 15. |
| 6 | 6 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 10. | 11.5 |
| 6 | 6 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 24.5 | 22.5 |
| 6 | 6 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 16. | 17.5 |
| 6 | 6 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 17.5 | 14. |
| 6 | 6 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 10. | 9.5 |
| 6 | 6 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10. |
| 11 | 6 | 1984 | | B01 | 600 | 3.7 | 3.6 | 2.7 | 27. | 27. | 27. | | | | | | | 7.9 | | | | | | | | 9.5 | 9.5 |
| 11 | 6 | 1984 | | B02 | 600 | 3.8 | 3.8 | 3.5 | 27. | 27. | 27. | | | | | | | 8.35 | | | | | | | | | |
| 11 | 6 | 1984 | | B03 | 600 | 3.7 | 3.7 | 3.7 | 27. | 27. | 27. | | | | | | | 8.25 | | | | | | | | | |
| 11 | 6 | 1984 | | B06 | 600 | 3.25 | 3.2 | 2.9 | 27. | 27. | 27. | | | | | | | 8.25 | | | | | | | | | |
| 11 | 6 | 1984 | | B07 | 600 | 4.3 | 4.2 | 4.1 | 27. | 27. | 27. | | | | | | | 8.4 | | | | | | | | | |
| 11 | 6 | 1984 | | B08 | 600 | 4. | 3.9 | 3.6 | 27. | 27. | 27. | | | | | | | 8.4 | | | | | | | | | |
| 11 | 6 | 1984 | | B09 | 600 | 3.6 | 3.5 | 3.4 | 27. | 27. | 27. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 6 | 1984 | | B10 | 600 | 3.4 | 3.5 | 3.2 | 26.5 | 26.5 | 26.5 | | | | | | | 8.1 | | | | | | | | | |
| 11 | 6 | 1984 | | B11 | 600 | 3.4 | 3.5 | 3.2 | 26.5 | 26.5 | 26.5 | | | | | | | 8. | | | | | | | | | |
| 11 | 6 | 1984 | | B12 | 600 | 3.5 | 3.6 | 3.5 | 26.5 | 26.5 | 26.5 | | | | | | | 8. | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 1984 | | B01 | | | | | | | | | | | | | | | | 0.15 | | | | | | | |
| 7 | 7 | 1984 | | B02 | | | | | | | | | | | | | | | | 0.077 | | | | | | | |
| 7 | 7 | 1984 | | B03 | | | | | | | | | | | | | | | | 0.11 | | | | | | | |
| 7 | 7 | 1984 | | B04 | | | | | | | | | | | | | | | | 0.055 | | | | | | | |
| 7 | 7 | 1984 | | B05 | | | | | | | | | | | | | | | | 0.037 | | | | | | | |
| 7 | 7 | 1984 | | B06 | | | | | | | | | | | | | | | | 0.085 | | | | | | | |
| 7 | 7 | 1984 | | B07 | | | | | | | | | | | | | | | | 0.082 | | | | | | | |
| 7 | 7 | 1984 | | B08 | | | | | | | | | | | | | | | | 0.975 | | | | | | | |
| 7 | 7 | 1984 | | B09 | | | | | | | | | | | | | | | | 0.03 | | | | | | | |
| 7 | 7 | 1984 | | B10 | | | | | | | | | | | | | | | | 0.07 | | | | | | | |
| 7 | 7 | 1984 | | B11 | | | | | | | | | | | | | | | | 0.12 | | | | | | | |
| 7 | 7 | 1984 | | B12 | | | | | | | | | | | | | | | | 0.052 | | | | | | | |
| 9 | 7 | 1984 | | B01 | | | | | | | | | | | | 30.7 | 22.97 | | | | | | | | 0.015 | | |
| 9 | 7 | 1984 | | B02 | | | | | | | | | | | | 32.7 | 22.46 | | | | | | | | 0.02 | | |
| 9 | 7 | 1984 | | B03 | | | | | | | | | | | | 46. | 30.63 | | | | | | | | 0.035 | | |
| 9 | 7 | 1984 | | B04 | | | | | | | | | | | | 51.5 | 37.78 | | | | | | | | 0.12 | | |
| 9 | 7 | 1984 | | B05 | | | | | | | | | | | | 69.3 | 53.6 | | | | | | | | 0.125 | | |
| 9 | 7 | 1984 | | B06 | | | | | | | | | | | | 55.4 | 44.15 | | | | | | | | 0.6 | | |
| 9 | 7 | 1984 | | B07 | | | | | | | | | | | | 35.6 | 22.46 | | | | | | | | 0.018 | | |
| 9 | 7 | 1984 | | B08 | | | | | | | | | | | | 33.7 | 20.93 | | | | | | | | 0.017 | | |
| 9 | 7 | 1984 | | B09 | | | | | | | | | | | | 54.5 | 37.27 | | | | | | | | 0.08 | | |
| 9 | 7 | 1984 | | B10 | | | | | | | | | | | | 61.4 | 42.88 | | | | | | | | 0.1 | | |
| 9 | 7 | 1984 | | B11 | | | | | | | | | | | | 35.6 | 21.95 | | | | | | | | 0.025 | | |
| 9 | 7 | 1984 | | B12 | | | | | | | | | | | | 44.6 | 30.63 | | | | | | | | 0.022 | | |
| 10 | 7 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 7 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 7 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 25. | 23.5 |
| 11 | 7 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 23. | 20.5 |
| 11 | 7 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 23. | 22.5 |
| 11 | 7 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 32. | 29.5 |
| 11 | 7 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 31. | 35. |
| 11 | 7 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 15.5 | 16.5 |
| 11 | 7 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 44.5 | 40. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 32. | 32.5 |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDR | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 7 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 31. | 28. |
| 11 | 7 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 19. | 18.5 |
| 11 | 7 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 21. | 21.5 |
| 11 | 7 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 20.5 | 17. |
| 12 | 7 | 1984 | | B01 | | | | | | | | | | | | | | | | | | 0.27 | | | | | |
| 12 | 7 | 1984 | | B02 | | | | | | | | | | | | | | | | | | 0.22 | | | | | |
| 12 | 7 | 1984 | | B03 | | | | | | | | | | | | | | | | | | 0.33 | | | | | |
| 12 | 7 | 1984 | | B04 | | | | | | | | | | | | | | | | | | 0.33 | | | | | |
| 12 | 7 | 1984 | | B05 | | | | | | | | | | | | | | | | | | 0.31 | | | | | |
| 12 | 7 | 1984 | | B06 | | | | | | | | | | | | | | | | | | 0.18 | | | | | |
| 12 | 7 | 1984 | | B07 | | | | | | | | | | | | | | | | | | 0.18 | | | | | |
| 12 | 7 | 1984 | | B08 | | | | | | | | | | | | | | | | | | 0.25 | | | | | |
| 12 | 7 | 1984 | | B09 | | | | | | | | | | | | | | | | | | 0.25 | | | | | |
| 12 | 7 | 1984 | | B10 | | | | | | | | | | | | | | | | | | 0.25 | | | | | |
| 12 | 7 | 1984 | | B11 | | | | | | | | | | | | | | | | | | 0.31 | | | | | |
| 12 | 7 | 1984 | | B12 | | | | | | | | | | | | | | | | | | 0.39 | | | | | |
| 18 | 7 | 1984 | | B01 | 600 | 5.1 | 5.1 | 4.8 | 29. | 29. | 29. | | | | | | | 7.8 | | | | | | | | 22.5 | 21.5 |
| 18 | 7 | 1984 | | B02 | 600 | 5.5 | 5.4 | 4.3 | 29. | 29. | 29. | | | | | | | 7.9 | | | | | | | | 25. | 24.5 |
| 18 | 7 | 1984 | | B03 | 600 | 5.5 | 5.5 | 4.6 | 29. | 29. | 29. | | | | | | | 8.1 | | | | | | | | 20. | 19. |
| 18 | 7 | 1984 | | B04 | 600 | 5.3 | 5.3 | 5.3 | 30. | 30. | 30. | | | | | | | 8.6 | | | | | | | | 39. | 38.5 |
| 18 | 7 | 1984 | | B05 | 600 | 4.5 | 4.5 | 4.5 | 30. | 30. | 30. | | | | | | | 8.1 | | | | | | | | 30.5 | 30.5 |
| 18 | 7 | 1984 | | B06 | 600 | 5.2 | 5.2 | 5. | 29. | 29. | 29. | | | | | | | 8.4 | | | | | | | | 18.5 | 19. |
| 18 | 7 | 1984 | | B07 | 600 | 5.5 | 5.4 | 5.4 | 30 | 30. | 30. | | | | | | | 8.05 | | | | | | | | 26.5 | 31.5 |
| 18 | 7 | 1984 | | B08 | 600 | 5.5 | 5.4 | 5.1 | 29. | 29. | 29. | | | | | | | 7.75 | | | | | | | | 21.5 | 28.5 |
| 18 | 7 | 1984 | | B09 | 600 | 5.4 | 5.4 | 5.4 | 29. | 29. | 29. | | | | | | | 8.3 | | | | | | | | 24. | 23. |
| 18 | 7 | 1984 | | B10 | 600 | 4.6 | 4.6 | 4.2 | 29. | 29. | 29. | | | | | | | 8. | | | | | | | | 17. | 17. |
| 18 | 7 | 1984 | | B11 | 600 | 5.4 | 5.4 | 5.2 | 29. | 29. | 29. | | | | | | | 7.8 | | | | | | | | 18. | 15.5 |
| 18 | 7 | 1984 | | B12 | 600 | 4.7 | 4.6 | 4.3 | 29. | 29. | 29. | | | | | | | 7.9 | | | | | | | | 18. | 20.5 |
| 24 | 7 | 1984 | | B01 | 800 | 4.6 | 4.5 | 3.3 | 30. | 30. | 30. | | | | | | | 7.8 | | | | | 0.79 | 0.28 | | | |
| 24 | 7 | 1984 | | B02 | 800 | 4.8 | 4.7 | 3.7 | 30. | 30. | 30. | | | | | | | 8.2 | | | | | 0.85 | 0.31 | | | |
| 24 | 7 | 1984 | | B03 | 800 | 4.6 | 4.4 | 3.9 | 29. | 29. | 29. | | | | | | | 8.3 | | | | | 1.07 | 0.32 | | | |
| 24 | 7 | 1984 | | B04 | 800 | 3.7 | 3.6 | 3.4 | 31. | 31. | 31. | | | | | | | 8.4 | | | | | 1.68 | 0.51 | | | |
| 24 | 7 | 1984 | | B05 | 800 | 3. | 3. | 2.4 | 31. | 31. | 31. | | | | | | | 8.1 | | | | | 1.35 | 0.51 | | | |
| 24 | 7 | 1984 | | B06 | 800 | 4.7 | 4.7 | 1.8 | 30. | 30. | 29. | | | | | | | 8.4 | | | | | 1.17 | 0.34 | | | |
| 24 | 7 | 1984 | | B07 | 800 | 4.8 | 4.8 | 4.8 | 30. | 30. | 30. | | | | | | | 8.2 | | | | | 0.73 | 0.23 | | | |
| 24 | 7 | 1984 | | B08 | 800 | 4.6 | 4.6 | 4.5 | 29. | 30. | 30. | | | | | | | 8.2 | | | | | 0.78 | 0.39 | | | |
| 24 | 7 | 1984 | | B09 | 800 | 4.3 | 4.2 | 3.7 | 30. | 30. | 29. | | | | | | | 8.3 | | | | | 0.92 | 0.42 | | | |
| 24 | 7 | 1984 | | B10 | 800 | 4.5 | 4.4 | 2.6 | 29. | 29. | 29. | | | | | | | 8.3 | | | | | 1.79 | 0.38 | | | |
| 24 | 7 | 1984 | | B11 | 800 | 4.7 | 4.6 | 3.4 | 29. | 29. | 29. | | | | | | | 8.2 | | | | | 1.15 | 0.37 | | | |
| 24 | 7 | 1984 | | B12 | 800 | 4.5 | 4.5 | 1.5 | 29. | 30. | 30. | | | | | | | 8.1 | | | | | 1.02 | 0.28 | | | |
| 24 | 7 | 1984 | | B01 | 1400 | | | | | | | | | | | | | | | | | | 1.17 | 0.5 | | | |
| 24 | 7 | 1984 | | B02 | 1400 | | | | | | | | | | | | | | | | | | 1.42 | 0.49 | | | |
| 24 | 7 | 1984 | | B03 | 1400 | | | | | | | | | | | | | | | | | | 0.92 | 0.45 | | | |
| 24 | 7 | 1984 | | B04 | 1400 | | | | | | | | | | | | | | | | | | 1.81 | 0.66 | | | |
| 24 | 7 | 1984 | | B05 | 1400 | | | | | | | | | | | | | | | | | | 1.94 | 0.7 | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I. Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDN | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 7 | 1984 | | B06 | 1400 | | | | | | | | | | | | | | | | | | | 1.53 | 0.7 | | |
| 24 | 7 | 1984 | | B07 | 1400 | | | | | | | | | | | | | | | | | | | 1.0[illegible] | 0.57 | | |
| 24 | 7 | 1984 | | B08 | 1400 | | | | | | | | | | | | | | | | | | | 1.16 | 0.34 | | |
| 24 | 7 | 1984 | | B09 | 1400 | | | | | | | | | | | | | | | | | | | 1.22 | 0.55 | | |
| 24 | 7 | 1984 | | B10 | 1400 | | | | | | | | | | | | | | | | | | | 1.9 | 0.6 | | |
| 24 | 7 | 1984 | | B11 | 1400 | | | | | | | | | | | | | | | | | | | 1.32 | 0.55 | | |
| 24 | 7 | 1984 | | B12 | 1400 | | | | | | | | | | | | | | | | | | | 1.3 | 0.38 | | |
| 25 | 7 | 1984 | | B01 | 800 | | | | | | | | | | | | | | | | | | | 1.34 | 0.5 | 16. | 18. |
| 25 | 7 | 1984 | | B02 | 800 | | | | | | | | | | | | | | | | | | | 1.17 | 0.51 | 18.5 | 18. |
| 25 | 7 | 1984 | | B03 | 800 | | | | | | | | | | | | | | | | | | | 1.31 | 0.51 | 16.5 | 16.5 |
| 25 | 7 | 1984 | | B04 | 800 | | | | | | | | | | | | | | | | | | | 1.36 | 0.72 | 26. | 36. |
| 25 | 7 | 1984 | | B05 | 800 | | | | | | | | | | | | | | | | | | | 1.36 | 1.06 | 22. | 23.5 |
| 25 | 7 | 1984 | | B06 | 800 | | | | | | | | | | | | | | | | | | | 1.42 | 0.48 | 16.5 | 16.5 |
| 25 | 7 | 1984 | | B07 | 800 | | | | | | | | | | | | | | | | | | | 2.07 | 1.38 | 26. | 25. |
| 25 | 7 | 1984 | | B08 | 800 | | | | | | | | | | | | | | | | | | | 1.51 | 0.585 | 18. | 18.5 |
| 25 | 7 | 1984 | | B09 | 800 | | | | | | | | | | | | | | | | | | | 1.89 | 0.66 | 18.5 | 18. |
| 25 | 7 | 1984 | | B10 | 800 | | | | | | | | | | | | | | | | | | | 1.18 | 0.9 | 12.5 | 11.5 |
| 25 | 7 | 1984 | | B11 | 800 | | | | | | | | | | | | | | | | | | | 1.52 | 0.72 | 12.5 | 10.5 |
| 25 | 7 | 1984 | | B12 | 800 | | | | | | | | | | | | | | | | | | | 1.08 | 0.51 | 15. | 16. |
| 26 | 7 | 1984 | | B01 | 600 | | | | | | | | | | | | | | | | | | | 1.4 | 0.52 | | |
| 26 | 7 | 1984 | | B02 | 600 | | | | | | | | | | | | | | | | | | | 1.36 | 0.55 | | |
| 26 | 7 | 1984 | | B03 | 600 | | | | | | | | | | | | | | | | | | | 1.5 | 0.65 | | |
| 26 | 7 | 1984 | | B04 | 600 | | | | | | | | | | | | | | | | | | | 1.86 | 0.72 | | |
| 26 | 7 | 1984 | | B05 | 600 | | | | | | | | | | | | | | | | | | | 2.07 | 0.74 | | |
| 26 | 7 | 1984 | | B06 | 600 | | | | | | | | | | | | | | | | | | | 1.33 | 0.55 | | |
| 26 | 7 | 1984 | | B07 | 600 | | | | | | | | | | | | | | | | | | | 1.02 | 0.41 | | |
| 26 | 7 | 1984 | | B08 | 600 | | | | | | | | | | | | | | | | | | | 1.41 | 0.67 | | |
| 26 | 7 | 1984 | | B09 | 600 | | | | | | | | | | | | | | | | | | | 1.51 | 0.6 | | |
| 26 | 7 | 1984 | | [illegible] | 600 | | | | | | | | | | | | | | | | | | | 0.74 | 0.72 | | |
| 26 | 7 | 1984 | | B11 | 600 | | | | | | | | | | | | | | | | | | | 1.52 | 0.51 | | |
| 26 | 7 | 1984 | | B12 | 600 | | | | | | | | | | | | | | | | | | | 1.5 | 0.46 | | |
| 27 | 7 | 1984 | | B01 | 600 | | | | | | | | | | | | | | | | | | | 1.48 | 0.46 | | |
| 27 | 7 | 1984 | | B02 | 600 | | | | | | | | | | | | | | | | | | | 1.24 | 0.61 | | |
| 27 | 7 | 1984 | | B03 | 600 | | | | | | | | | | | | | | | | | | | 1.35 | 0.53 | | |
| 27 | 7 | 1984 | | B04 | 600 | | | | | | | | | | | | | | | | | | | 1.86 | 0.72 | | |
| 27 | 7 | 1984 | | B05 | 600 | | | | | | | | | | | | | | | | | | | 1.99 | 0.75 | | |
| 27 | 7 | 1984 | | B06 | 600 | | | | | | | | | | | | | | | | | | | 1.4 | 0.55 | | |
| 27 | 7 | 1984 | | B07 | 600 | | | | | | | | | | | | | | | | | | | 1.11 | 0.42 | | |
| 27 | 7 | 1984 | | B08 | 600 | | | | | | | | | | | | | | | | | | | 3.44 | 0.61 | | |
| 27 | 7 | 1984 | | B09 | 600 | | | | | | | | | | | | | | | | | | | 1.44 | 0.61 | | |
| 27 | 7 | 1984 | | B10 | 600 | | | | | | | | | | | | | | | | | | | 1.43 | 0.605 | | |
| 27 | 7 | 1984 | | B11 | 600 | | | | | | | | | | | | | | | | | | | 1.19 | 0.54 | | |
| 27 | 7 | 1984 | | B12 | 600 | | | | | | | | | | | | | | | | | | | 1.17 | 0.48 | | |
| 31 | 7 | 1984 | | B01 | 600 | 4.9 | 4.6 | 2.3 | 26. | 26. | 26. | | | | | 52.47 | | 7.9 | | 0.263 | | | | | 0.67 | | |
| 31 | 7 | 1984 | | B02 | 600 | 4.9 | 4.7 | 3. | 26. | 26. | 26. | | | | | 65.34 | | 8. | | 0.273 | | | | | 0.6 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHI DISK A | SECHI DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 7 | 1984 | | B03 | 600 | 4.1 | 4. | 2.7 | 26. | 26. | 26. | | | | | 69.3 | | 7.9 | | 0.268 | | | | | 0.59 | | |
| 31 | 7 | 1984 | | B04 | 600 | 2.6 | 2.6 | 2.6 | 27. | 27. | 27. | | | | | 99. | | 7.9 | | 0.251 | | | | | 0.84 | | |
| 31 | 7 | 1984 | | B05 | 600 | 3.6 | 3.5 | 3.5 | 27. | 27. | 27. | | | | | 112.8 | | 8.3 | | 0.278 | | | | | 0.715 | | |
| 31 | 7 | 1984 | | B06 | 600 | 4.6 | 4.5 | 4.3 | 26. | 26. | 26. | | | | | 83.16 | | 8.1 | | 0.22 | | | | | 0.68 | | |
| 31 | 7 | 1984 | | B07 | 600 | 4.8 | 4.6 | 4. | 27. | 27. | 27. | | | | | 63.36 | | 8. | | 0.295 | | | | | 0.4 | | |
| 31 | 7 | 1984 | | B08 | 600 | 4.5 | 4.3 | 4.2 | 26. | 26. | 26. | | | | | 65.34 | | 8.2 | | 0.253 | | | | | 0.76 | | |
| 31 | 7 | 1984 | | B[illegible] | 600 | 4.2 | 4.2 | 3.7 | 26. | 26. | 26. | | | | | 87.12 | | 8.2 | | 0.298 | | | | | 0.67 | | |
| 31 | 7 | 1984 | | [illegible] | 600 | 4.3 | 4.2 | 3.7 | 26. | 26. | 26. | | | | | 82.17 | | 8.1 | | 0.248 | | | | | 0.775 | | |
| 31 | 7 | 1984 | | [illegible] | 600 | 4.8 | 4.8 | 4.3 | 25.5 | 25.5 | 25.5 | | | | | 71.28 | | 8.1 | | 0.318 | | | | | 0.51 | | |
| 31 | 7 | 1984 | | B12 | 600 | 5. | 4.9 | 4.1 | 26. | 26. | 26. | | | | | 64.35 | | 8. | | 0.278 | | | | | 0.63 | | |
| 1 | 8 | 1984 | | B01 | | | | | | | | | | | | | 40.33 | | | | | | 1.57 | | | |
| 1 | 8 | 1984 | | B02 | | | | | | | | | | | | | 46.45 | | | | | | 0.85 | | | |
| 1 | 8 | 1984 | | B03 | | | | | | | | | | | | | 49.49 | | | | | | 1.4 | | | |
| 1 | 8 | 1984 | | B04 | | | | | | | | | | | | | 66.87 | | | | | | 1.64 | | | |
| 1 | 8 | 1984 | | B05 | | | | | | | | | | | | | 78.1 | | | | | | 2.02 | | | |
| 1 | 8 | 1984 | | B06 | | | | | | | | | | | | | 79.12 | | | | | | 1.47 | | | |
| 1 | 8 | 1984 | | B07 | | | | | | | | | | | | | 36.75 | | | | | | 1.18 | | | |
| 1 | 8 | 1984 | | B08 | | | | | | | | | | | | | 50.54 | | | | | | 1.36 | | | |
| 1 | 8 | 1984 | | B09 | | | | | | | | | | | | | 61.26 | | | | | | 1.7 | | | |
| 1 | 8 | 1984 | | B10 | | | | | | | | | | | | | 65.85 | | | | | | 1.3 | | | |
| 1 | 8 | 1984 | | B11 | | | | | | | | | | | | | 52.07 | | | | | | 1.32 | | | |
| 1 | 8 | 1984 | | B12 | | | | | | | | | | | | | 52.58 | | | | | | 1.38 | | | |
| 2 | 8 | 1984 | | B01 | | | | | | | | | | | | | | | | | | 0.19 | | | 15. | 13.7 |
| 2 | 8 | 1984 | | B02 | | | | | | | | | | | | | | | | | | 0.22 | | | 12. | 13.5 |
| 2 | 8 | 1984 | | B03 | | | | | | | | | | | | | | | | | | 0.33 | | | 12.5 | 13.5 |
| 2 | 8 | 1984 | | B04 | | | | | | | | | | | | | | | | | | 0.23 | | | 23.5 | 25.5 |
| 2 | 8 | 1984 | | B05 | | | | | | | | | | | | | | | | | | 0.77 | | | 19.5 | 23. |
| 2 | 8 | 1984 | | B06 | | | | | | | | | | | | | | | | | | 0.1 | | | 19.5 | 17.5 |
| 2 | 8 | 1984 | | B07 | | | | | | | | | | | | | | | | | | 0.2 | | | 22. | 23.5 |
| 2 | 8 | 1984 | | B08 | | | | | | | | | | | | | | | | | | 0.17 | | | 17.5 | 18.5 |
| 2 | 8 | 1984 | | B09 | | | | | | | | | | | | | | | | | | 0.5 | | | 17.5 | 18.5 |
| 2 | 8 | 1984 | | B10 | | | | | | | | | | | | | | | | | | 0.22 | | | 13. | 14.5 |
| 2 | 8 | 1984 | | B11 | | | | | | | | | | | | | | | | | | 0.43 | | | 11.5 | 11. |
| 2 | 8 | 1984 | | B12 | | | | | | | | | | | | | | | | | | 0.24 | | | 12. | 11.5 |
| 7 | 8 | 1984 | | B01 | 600 | 4.9 | 4.8 | 4.6 | 26. | 26. | 26. | | | | | | | 8. | | | | | | | | |
| 7 | 8 | 1984 | | B02 | 600 | 5. | 4.9 | 4.9 | 26. | 26. | 26. | | | | | | | 8.2 | | | | | | | | |
| 7 | 8 | 1984 | | B03 | 600 | 4.6 | 4.5 | 4.4 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | |
| 7 | 8 | 1984 | | B04 | 600 | 4. | 3.9 | 3.8 | 27. | 27. | 27. | | | | | | | 8.35 | | | | | | | | |
| 7 | 8 | 1984 | | B05 | 600 | 3.1 | 3. | 3. | 27. | 27. | 27. | | | | | | | 8.6 | | | | | | | | |
| 7 | 8 | 1984 | | B06 | 600 | 5.9 | 5.9 | 5.8 | 26.5 | 26.5 | 26.5 | | | | | | | 8.5 | | | | | | | | |
| 7 | 8 | 1984 | | B07 | 600 | 5. | 4.9 | 4.9 | 26. | 26. | 26. | | | | | | | 8.05 | | | | | | | | |
| 7 | 8 | 1984 | | B08 | 600 | 4.2 | 4.1 | 4. | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | |
| 7 | 8 | 1984 | | B09 | 600 | 4.8 | 4.7 | 4.6 | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | |
| 7 | 8 | 1984 | | B10 | 600 | 4.6 | 4.5 | 4.4 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | |
| 7 | 8 | 1984 | | B11 | 600 | 5.4 | 5.4 | 5.2 | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDN | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 8 | 1984 | | B12 | 600 | 5. | 4.9 | 4.5 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 9 | 8 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 12.5 |
| 9 | 8 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 13. | 15. |
| 9 | 8 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 14. | 14.5 |
| 9 | 8 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 25. | 23. |
| 9 | 8 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 24. | 23.5 |
| 9 | 8 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 22. | 22.5 |
| 9 | 8 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 18.5 | 18. |
| 9 | 8 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 16. | 14. |
| 9 | 8 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 18. | 18. |
| 9 | 8 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11.5 |
| 9 | 8 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 13. |
| 9 | 8 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 15. | 14. |
| 14 | 8 | 1984 | | B01 | 600 | 5.3 | 5.3 | 5.3 | 25. | 25. | 25. | | | | | | | 8.1 | | | | | | | | | |
| 14 | 8 | 1984 | | B02 | 600 | 5.6 | 5.5 | 5.5 | 25. | 25. | 25. | | | | | | | 8.05 | | | | | | | | | |
| 14 | 8 | 1984 | | B03 | 600 | 5.4 | 5.4 | 5.3 | 25. | 25. | 25. | | | | | | | 8.15 | | | | | | | | | |
| 14 | 8 | 1984 | | B04 | 600 | 4.3 | 4.3 | 4.2 | 25. | 26. | 26. | | | | | | | 8.2 | | | | | | | | | |
| 14 | 8 | 1984 | | B05 | 600 | 3.8 | 3.7 | 3.6 | 26. | 26. | 26. | | | | | | | 8.2 | | | | | | | | | |
| 14 | 8 | 1984 | | B06 | 600 | 5.4 | 5.4 | 4.9 | 25. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 14 | 8 | 1984 | | B07 | 600 | 5.3 | 5.2 | 5.2 | 25. | 25. | 25. | | | | | | | 8.05 | | | | | | | | | |
| 14 | 8 | 1984 | | B08 | 600 | 4.8 | 4.8 | 4.8 | 25. | 25. | 25. | | | | | | | 8.05 | | | | | | | | | |
| 14 | 8 | 1984 | | B09 | 600 | 5.2 | 5.2 | 5.2 | 25. | 25. | 25. | | | | | | | 8.4 | | | | | | | | | |
| 14 | 8 | 1984 | | B10 | 600 | 5.4 | 5.3 | 5.3 | 25. | 25. | 25. | | | | | | | 8.25 | | | | | | | | | |
| 14 | 8 | 1984 | | B11 | 600 | 5.6 | 5.5 | 5.3 | 25. | 25. | 25. | | | | | | | 7.65 | | | | | | | | | |
| 14 | 8 | 1984 | | B12 | 600 | 5.5 | 5.4 | 5.3 | 25. | 25. | 25. | | | | | | | 8. | | | | | | | | | |
| 16 | 8 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11. |
| 16 | 8 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 13. | 12. |
| 16 | 8 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 13. | 14. |
| 16 | 8 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 23.5 | 22. |
| 16 | 8 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 20.5 | 22.5 |
| 16 | 8 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 19. | 21.5 |
| 16 | 8 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 19. | 19. |
| 16 | 8 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 13. | 14. |
| 16 | 8 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 16. |
| 16 | 8 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 11. | 10.5 |
| 16 | 8 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 11. | 10.5 |
| 16 | 8 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 12. |
| 21 | 8 | 1984 | | B01 | 600 | 5. | 5. | 4.2 | 29. | 29. | 29. | | | | | | | 8. | | | | | | | | | |
| 21 | 8 | 1984 | | B02 | 600 | 5.2 | 5.1 | 5.1 | 29. | 29. | 29. | | | | | | | 8.2 | | | | | | | | | |
| 21 | 8 | 1984 | | B03 | 600 | 5.1 | 5.1 | 5.1 | 29. | 29. | 29. | | | | | | | 8. | | | | | | | | | |
| 21 | 8 | 1984 | | B04 | 600 | 4.1 | 4.1 | 4. | 29. | 30. | 30. | | | | | | | 8.3 | | | | | | | | | |
| 21 | 8 | 1984 | | B05 | 600 | 3. | 2.9 | 2.9 | 30. | 30. | 30. | | | | | | | 8.25 | | | | | | | | | |
| 21 | 8 | 1984 | | B06 | 600 | 4.8 | 4.7 | 4.6 | 30. | 30. | 30. | | | | | | | 8.25 | | | | | | | | | |
| 21 | 8 | 1984 | | B07 | 600 | 5. | 5. | 4.9 | 30. | 30. | 30. | | | | | | | 8.15 | | | | | | | | | |
| 21 | 8 | 1984 | | B08 | 600 | 4.5 | 4.5 | 4.2 | 29. | 29. | 29. | | | | | | | 8.1 | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDR | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 8 | 1984 | | B09 | 600 | 4. | 3.9 | 3.8 | 29. | 29. | 29. | | | | | | | 8.15 | | | | | | | | | |
| 21 | 8 | 1984 | | B10 | 600 | 5. | 4.9 | 4.5 | 29. | 29. | 29. | | | | | | | 8.1 | | | | | | | | | |
| 21 | 8 | 1984 | | B11 | 600 | 5.1 | 5.1 | 4.5 | 29. | 29. | 29. | | | | | | | 8. | | | | | | | | | |
| 21 | 8 | 1984 | | B12 | 600 | 5.1 | 5. | 4.2 | 28. | 29. | 29. | | | | | | | 8. | | | | | | | | | |
| 23 | 8 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 12. |
| 23 | 8 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 9.2 |
| 23 | 8 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 15.2 |
| 23 | 8 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 24.5 | 23.5 |
| 23 | 8 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 25.5 | 26. |
| 23 | 8 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 17.5 | 18.5 |
| 23 | 8 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 19. | 19.2 |
| 23 | 8 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 14.5 |
| 23 | 8 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 12.5 |
| 23 | 8 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 12. |
| 23 | 8 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 11. | 11.5 |
| 23 | 8 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10.5 |
| 28 | 8 | 1984 | | B01 | 600 | 5.3 | 5.2 | 4.7 | 25.5 | 25.5 | 25.5 | | | | | 66.7 | 51.55 | 8.1 | | 0.071 | | | | 1.96 | 0.56 | | |
| 28 | 8 | 1984 | | B02 | 600 | 5.4 | 5. | 4.5 | 25. | 25. | 25. | | | | | 80.8 | 63.41 | 8.2 | | 0.054 | | | | 1.9 | 0.77 | | |
| 28 | 8 | 1984 | | B03 | 600 | 5.1 | 5.1 | 4.8 | 25.5 | 25.5 | 25.5 | | | | | 86.9 | 63.92 | 8.2 | | 0.065 | | | | 1.92 | 0.69 | | |
| 28 | 8 | 1984 | | B04 | 600 | 4.5 | 4.4 | 4.3 | 26. | 26. | 26. | | | | | 144.4 | 94.85 | 8.5 | | 0.036 | | | | 2.19 | 0.91 | | |
| 28 | 8 | 1984 | | B05 | 600 | 2.8 | 2.8 | 2.7 | 26.5 | 26.5 | 26.5 | | | | | 117. | 79.39 | 8. | | 0.081 | | | | 2.18 | 0.84 | | |
| 28 | 8 | 1984 | | B06 | 600 | 4.8 | 4.7 | 4.6 | 26. | 26. | 26. | | | | | 53. | 79.9 | 8.2 | | 0.054 | | | | 1.8 | 0.58 | | |
| 28 | 8 | 1984 | | B07 | 600 | 5.2 | 5.2 | 5. | 25.5 | 25.5 | 25.5 | | | | | 81. | 62.11 | 8.3 | | 0.054 | | | | 1.15 | 0.51 | | |
| 28 | 8 | 1984 | | B08 | 600 | 4.8 | 4.7 | 4.6 | 25.5 | 25.5 | 25.5 | | | | | 83. | 64.44 | 8. | | 0.042 | | | | 2.38 | 0.85 | | |
| 28 | 8 | 1984 | | B09 | 600 | 4.4 | 4.3 | 4.2 | 25.5 | 25.5 | 25.5 | | | | | 104. | 78.36 | 8.3 | | | | | | 1.61 | 0.8 | | |
| 28 | 8 | 1984 | | B10 | 600 | 5.2 | 5.1 | 4.9 | 25. | 25. | 25. | | | | | 102. | 81.45 | 8.2 | | 0.048 | | | | 1.77 | 0.91 | | |
| 28 | 8 | 1984 | | B11 | 600 | 5.2 | 5. | 1.6 | 25.5 | 25.5 | 25.5 | | | | | 87. | 62.89 | 8.1 | | 0.077 | | | | 1.28 | 0.635 | | |
| 28 | 8 | 1984 | | B12 | 600 | 5.1 | 5. | 1.4 | 25.5 | 25.5 | 25.5 | | | | | 73. | 60.83 | 8. | | 0.042 | | | | 1.05 | 0.5 | | |
| 31 | 8 | 1984 | | B01 | | | | | | | | | | | | | | | | | | 0.25 | | | | 14. | 12. |
| 31 | 8 | 1984 | | B02 | | | | | | | | | | | | | | | | | | 0.5 | | | | 11.5 | 9. |
| 31 | 8 | 1984 | | B03 | | | | | | | | | | | | | | | | | | 0.4 | | | | 12. | 12. |
| 31 | 8 | 1984 | | B04 | | | | | | | | | | | | | | | | | | 0.29 | | | | 22.5 | 23. |
| 31 | 8 | 1984 | | B05 | | | | | | | | | | | | | | | | | | 0.27 | | | | 21. | 19.5 |
| 31 | 8 | 1984 | | B06 | | | | | | | | | | | | | | | | | | 0.65 | | | | 16. | 17.5 |
| 31 | 8 | 1984 | | B07 | | | | | | | | | | | | | | | | | | 0.28 | | | | 20. | 18. |
| 31 | 8 | 1984 | | B08 | | | | | | | | | | | | | | | | | | 0.33 | | | | 12.5 | 11. |
| 31 | 8 | 1984 | | B09 | | | | | | | | | | | | | | | | | | 1.4 | | | | 12. | 12.5 |
| 31 | 8 | 1984 | | B10 | | | | | | | | | | | | | | | | | | 0.85 | | | | 10.5 | 10. |
| 31 | 8 | 1984 | | B11 | | | | | | | | | | | | | | | | | | 0.6 | | | | 11.5 | 12. |
| 31 | 8 | 1984 | | B12 | | | | | | | | | | | | | | | | | | 1. | | | | 12.5 | 12.5 |
| 4 | 9 | 1984 | | B01 | 600 | 4.9 | 4.8 | 4.6 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | | |
| 4 | 9 | 1984 | | B02 | 600 | 4.9 | 5.2 | 5.1 | 25. | 25. | 25. | | | | | | | 8.3 | | | | | | | | | |
| 4 | 9 | 1984 | | B03 | 600 | 5.3 | 4.4 | 4.8 | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | | |
| 4 | 9 | 1984 | | B04 | 600 | 4.5 | 4.4 | 4.4 | 26. | 26. | 26. | | | | | | | 8.7 | | | | | | | | | |
| 4 | 9 | 1984 | | B05 | 600 | 3.5 | 3.4 | 3.3 | 26. | 26. | 26. | | | | | | | 8.2 | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 9 | 1984 | | B06 | 600 | 4.6 | 4.5 | 4.4 | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | | |
| 4 | 9 | 1984 | | B07 | 600 | 5.2 | 5. | 4.8 | 26. | 26. | 26. | | | | | | | 8.35 | | | | | | | | | |
| 4 | 9 | 1984 | | B08 | 600 | 4.8 | 4.7 | 4.2 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 4 | 9 | 1984 | | B09 | 600 | 4.2 | 3.2 | 3.9 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | | | |
| 4 | 9 | 1984 | | B10 | 600 | 5.2 | 5.1 | 5. | 25. | 25. | 25. | | | | | | | 8.3 | | | | | | | | | |
| 4 | 9 | 1984 | | B11 | 600 | 5.4 | 5.4 | 5.3 | 25. | 25. | 25. | | | | | | | 8.15 | | | | | | | | | |
| 4 | 9 | 1984 | | B12 | 600 | 5.1 | 5. | 5. | 25. | 25. | 25. | | | | | | | 8.05 | | | | | | | | | |
| 11 | 9 | 1984 | | B01 | 600 | 4.1 | 4.1 | 3.6 | 26. | 26. | 26. | | | | | | | 7.9 | | | | | | | | | |
| 11 | 9 | 1984 | | B02 | 600 | 5.1 | 5.1 | 4.2 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 9 | 1984 | | B03 | 600 | 4.6 | 4.6 | 4.6 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 9 | 1984 | | B04 | 600 | 3.8 | 3.8 | 3.7 | 26. | 26. | 26. | | | | | | | 8.8 | | | | | | | | | |
| 11 | 9 | 1984 | | B05 | 600 | 3. | 3. | 3.1 | 26. | 26. | 26. | | | | | | | 8.3 | | | | | | | | | |
| 11 | 9 | 1984 | | B06 | 600 | 4.4 | 4.4 | 4.4 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 9 | 1984 | | B07 | 600 | 3.8 | 3.8 | 3. | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 9 | 1984 | | B08 | 600 | 3.9 | 3.8 | 3. | 26. | 26. | 26. | | | | | | | 8. | | | | | | | | | |
| 11 | 9 | 1984 | | B09 | 600 | 2.5 | 2.5 | 2.5 | 26. | 26. | 26. | | | | | | | 8.4 | | | | | | | | | |
| 11 | 9 | 1984 | | B10 | 600 | 4.5 | 4.5 | 3.1 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | | | |
| 11 | 9 | 1984 | | B11 | 600 | 4.9 | 4.9 | 4.9 | 25. | 25. | 25. | | | | | | | 8.1 | | | | | | | | | |
| 11 | 9 | 1984 | | B12 | 600 | 4.3 | 4.2 | 3.8 | 25. | 26. | 26. | | | | | | | 7.8 | | | | | | | | | |
| 14 | 9 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 17.5 | 18.5 |
| 14 | 9 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 15. |
| 14 | 9 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 14. | 15. |
| 14 | 9 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 28.5 | 26. |
| 14 | 9 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 25.5 | 23.5 |
| 14 | 9 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 20. | 18. |
| 14 | 9 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 20.5 | 19.5 |
| 14 | 9 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 16. | 15. |
| 14 | 9 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 16.5 |
| 14 | 9 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 12. |
| 14 | 9 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 13.5 |
| 14 | 9 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 17. |
| 17 | 9 | 1984 | | B01 | | | | | | | | | | | | | | 7.95 | | | | | | | | | |
| 17 | 9 | 1984 | | B02 | | | | | | | | | | | | | | 8. | | | | | | | | | |
| 17 | 9 | 1984 | | B03 | | | | | | | | | | | | | | 8.05 | | | | | | | | | |
| 17 | 9 | 1984 | | B04 | | | | | | | | | | | | | | 8.55 | | | | | | | | | |
| 17 | 9 | 1984 | | B05 | | | | | | | | | | | | | | 8.6 | | | | | | | | | |
| 17 | 9 | 1984 | | B06 | | | | | | | | | | | | | | 8.2 | | | | | | | | | |
| 17 | 9 | 1984 | | B07 | | | | | | | | | | | | | | 8.05 | | | | | | | | | |
| 17 | 9 | 1984 | | B08 | | | | | | | | | | | | | | 8. | | | | | | | | | |
| 17 | 9 | 1984 | | B09 | | | | | | | | | | | | | | 8.05 | | | | | | | | | |
| 17 | 9 | 1984 | | B10 | | | | | | | | | | | | | | 8.05 | | | | | | | | | |
| 17 | 9 | 1984 | | B11 | | | | | | | | | | | | | | 8. | | | | | | | | | |
| 17 | 9 | 1984 | | B12 | | | | | | | | | | | | | | 7.95 | | | | | | | | | |
| 18 | 9 | 1984 | | B01 | 800 | | | | | | | | | | | | | | | | | | | 1.39 | 0.71 | | |
| 18 | 9 | 1984 | | B02 | 800 | | | | | | | | | | | | | | | | | | | 1.64 | 0.79 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 9 | 1984 | | B03 | 800 | | | | | | | | | | | | | | | | | | | 1.57 | 0.8 | | |
| 18 | 9 | 1984 | | B04 | 800 | | | | | | | | | | | | | | | | | | | 1.99 | 0.92 | | |
| 18 | 9 | 1984 | | B05 | 800 | | | | | | | | | | | | | | | | | | | 2.23 | 0.84 | | |
| 18 | 9 | 1984 | | B06 | 800 | | | | | | | | | | | | | | | | | | | 1.16 | 0.52 | | |
| 18 | 9 | 1984 | | B07 | 800 | | | | | | | | | | | | | | | | | | | 1.36 | 0.54 | | |
| 18 | 9 | 1984 | | B08 | 800 | | | | | | | | | | | | | | | | | | | 1.76 | 0.84 | | |
| 18 | 9 | 1984 | | B09 | 800 | | | | | | | | | | | | | | | | | | | 1.75 | 0.9 | | |
| 18 | 9 | 1984 | | B10 | 800 | | | | | | | | | | | | | | | | | | | 1.82 | 0.88 | | |
| 18 | 9 | 1984 | | B11 | 800 | | | | | | | | | | | | | | | | | | | 1.52 | 0.83 | | |
| 18 | 9 | 1984 | | B12 | 800 | | | | | | | | | | | | | | | | | | | 1.23 | 0.65 | | |
| 18 | 9 | 1984 | | B01 | 1400 | | | | | | | | | | | | | | | | | | | | 0.84 | | |
| 18 | 9 | 1984 | | B02 | 1400 | | | | | | | | | | | | | | | | | | | 1.81 | 1.01 | | |
| 18 | 9 | 1984 | | B03 | 1400 | | | | | | | | | | | | | | | | | | | 1.72 | 0.74 | | |
| 18 | 9 | 1984 | | B04 | 1400 | | | | | | | | | | | | | | | | | | | 1.99 | 1.02 | | |
| 18 | 9 | 1984 | | B05 | 1400 | | | | | | | | | | | | | | | | | | | | 0.91 | | |
| 18 | 9 | 1984 | | B06 | 1400 | | | | | | | | | | | | | | | | | | | 1.2 | 0.535 | | |
| 18 | 9 | 1984 | | B07 | 1400 | | | | | | | | | | | | | | | | | | | 1.3 | 0.77 | | |
| 18 | 9 | 1984 | | B08 | 1400 | | | | | | | | | | | | | | | | | | | 2.01 | 1.14 | | |
| 18 | 9 | 1984 | | B09 | 1400 | | | | | | | | | | | | | | | | | | | 1.72 | 1.02 | | |
| 18 | 9 | 1984 | | B10 | 1400 | | | | | | | | | | | | | | | | | | | 1.68 | 0.92 | | |
| 18 | 9 | 1984 | | B11 | 1400 | | | | | | | | | | | | | | | | | | | 1.59 | 0.81 | | |
| 18 | 9 | 1984 | | B12 | 1400 | | | | | | | | | | | | | | | | | | | 1.67 | 0.7 | | |
| 19 | 9 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 1.86 | 0.84 | 17. | 14.5 |
| 19 | 9 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 1.93 | 0.86 | 11.7 | 11.5 |
| 19 | 9 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 2.08 | 0.94 | 13. | 14. |
| 19 | 9 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | 3.09 | 1.06 | 26. | 20.5 |
| 19 | 9 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | 2.11 | 0.96 | 24. | 25. |
| 19 | 9 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 2.6 | 0.62 | 15.5 | 16. |
| 19 | 9 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 1.6 | 0.66 | 18. | 19. |
| 19 | 9 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 2.36 | 1.08 | 17. | 16. |
| 19 | 9 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 2.13 | 1.03 | 15. | 14. |
| 19 | 9 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 2.75 | 1.2 | 13. | 12. |
| 19 | 9 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 1.71 | 0.84 | 10. | 11. |
| 19 | 9 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 2.39 | 0.71 | 15. | 14.5 |
| 20 | 9 | 1984 | | B01 | 600 | 4.8 | 4.7 | 1.7 | 27. | 27. | 27. | | | | | | | | | | | | | 1.2 | 0.84 | | |
| 20 | 9 | 1984 | | B02 | 600 | 5. | 4.8 | 1. | 26. | 26. | 26. | | | | | | | | | | | | | 1.35 | 1.68 | | |
| 20 | 9 | 1984 | | B03 | 600 | 3.5 | 4.3 | 1.3 | 26. | 26. | 26. | | | | | | | | | | | | | 1.1 | 0.88 | | |
| 20 | 9 | 1984 | | B04 | 600 | 3.7 | 3.6 | 3.5 | 28. | 28. | 28. | | | | | | | | | | | | | 1.38 | 1.44 | | |
| 20 | 9 | 1984 | | B05 | 600 | 2.7 | 2.7 | 2.4 | 28. | 28. | 28. | | | | | | | | | | | | | 1.38 | 1.12 | | |
| 20 | 9 | 1984 | | B06 | 600 | 4.7 | 4.7 | 1.6 | 27. | 27. | 27. | | | | | | | | | | | | | 0.85 | 1.24 | | |
| 20 | 9 | 1984 | | B07 | 600 | 4.3 | 4.3 | 2.6 | 27. | 27. | 27. | | | | | | | | | | | | | 0.74 | 0.76 | | |
| 20 | 9 | 1984 | | B08 | 600 | 4.2 | 4.2 | 2.9 | 26. | 26. | 26. | | | | | | | | | | | | | 0.34 | 1.12 | | |
| 20 | 9 | 1984 | | B09 | 600 | 3.1 | 3.1 | 2.1 | 27. | 27. | 27. | | | | | | | | | | | | | 0.14 | 1.08 | | |
| 20 | 9 | 1984 | | B10 | 600 | 4.3 | 4.3 | 0.5 | 26. | 26. | 26. | | | | | | | | | | | | | 0.48 | 1.12 | | |
| 20 | 9 | 1984 | | B11 | 600 | 5.2 | 5.2 | 3.7 | 26. | 26. | 26. | | | | | | | | | | | | | 0.59 | 0.94 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDR | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 9 | 1984 | | B12 | 600 | 4.7 | 4.7 | 1.2 | 26. | 26. | 26. | | | | | | | | | | | | 0.59 | 0.76 | | |
| 21 | 9 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | 1.2 | 0.88 | | |
| 21 | 9 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | 1.35 | 1. | | |
| 21 | 9 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | 1.1 | 1. | | |
| 21 | 9 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | 1.38 | 1.16 | | |
| 21 | 9 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | 1.38 | 1.12 | | |
| 21 | 9 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | 0.85 | 0.68 | | |
| 21 | 9 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | 0.74 | 0.74 | | |
| 21 | 9 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | 0.34 | 1.11 | | |
| 21 | 9 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | 0.14 | 1.08 | | |
| 21 | 9 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | 0.48 | 1.14 | | |
| 21 | 9 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | 0.59 | 0.96 | | |
| 21 | 9 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | 0.59 | 0.76 | | |
| 25 | 9 | 1984 | | B01 | 600 | 5.1 | 5.1 | 4.8 | 26. | 26. | 26. | | | | | | 47.94 | 7.9 | | 0.712 | | 0.185 | 1.68 | 0.44 | | |
| 25 | 9 | 1984 | | B02 | 600 | 5.4 | 5.45 | 5.4 | 26. | 26. | 26. | | | | | | 58.76 | 8.1 | | 0.854 | | 0.16 | 1.75 | 0.98 | | |
| 25 | 9 | 1984 | | B03 | 600 | 4.7 | 4.7 | 4.9 | 26. | 26. | 26. | | | | | | 66.49 | 8. | | 0.727 | | 0.16 | 2.08 | 1.02 | | |
| 25 | 9 | 1984 | | B04 | 600 | 3.9 | 3.8 | 3.6 | 27. | 27. | 27. | | | | | | 82.99 | 8.55 | | 0.581 | | 0.15 | 1.18 | 1.12 | | |
| 25 | 9 | 1984 | | B05 | 600 | 3.3 | 3.3 | 3.1 | 27. | 27. | 27. | | | | | | 72.17 | 8.25 | | 0.63 | | 0.18 | 2.16 | 1.04 | | |
| 25 | 9 | 1984 | | B06 | 600 | 5.5 | 5.4 | 4.8 | 25. | 25. | 25. | | | | | | 64.43 | 8.1 | | 0.745 | | 0.3 | 1.39 | 0.8 | | |
| 25 | 9 | 1984 | | B07 | 600 | 5.1 | 5. | 4.8 | 26. | 26. | 26. | | | | | | 56.19 | 8.05 | | 0.57 | | 0.15 | 1.39 | 0.7 | | |
| 25 | 9 | 1984 | | B08 | 600 | 4.5 | 4.4 | 4.3 | 26. | 26. | 26. | | | | | | 60.83 | 7.95 | | 0.545 | | 0.16 | 2.01 | 1.12 | | |
| 25 | 9 | 1984 | | B09 | 600 | 4.4 | 4.3 | 4.3 | 26. | 26. | 26. | | | | | | 68.04 | 8.15 | | 0.445 | | 0.15 | 1.95 | 0.99 | | |
| 25 | 9 | 1984 | | B10 | 600 | 5.1 | 5.1 | 5. | 25.5 | 25.5 | 25.5 | | | | | | 69.07 | 8.25 | | 0.449 | | 0.18 | 1.57 | 1.05 | | |
| 25 | 9 | 1984 | | B11 | 600 | 5.4 | 5.3 | 5.5 | 25.5 | 25.5 | 25.5 | | | | | | 59.28 | 8.15 | | 0.436 | | 0.6 | 1.4 | 0.96 | | |
| 25 | 9 | 1984 | | B12 | 600 | 5.3 | 5.3 | 5.3 | 24. | 24. | 24. | | | | | | 49.23 | 7.95 | | 0.481 | | 0.35 | 1.4 | 0.94 | | |
| 26 | 9 | 1984 | | B01 | | | | | | | | | | | | 63.6 | | | | | | | | 0.76 | 15. | 14. |
| 26 | 9 | 1984 | | B02 | | | | | | | | | | | | 82.3 | | | | | | | | 0.96 | 11.5 | 11. |
| 26 | 9 | 1984 | | B03 | | | | | | | | | | | | 88.9 | | | | | | | | 0.96 | 10.5 | 11.5 |
| 26 | 9 | 1984 | | B04 | | | | | | | | | | | | 131.3 | | | | | | | | 1.1 | 19.5 | 19. |
| 26 | 9 | 1984 | | B05 | | | | | | | | | | | | 121.2 | | | | | | | | 1. | 20. | 20.5 |
| 26 | 9 | 1984 | | B06 | | | | | | | | | | | | 79.8 | | | | | | | | 0.92 | 9. | 8.5 |
| 26 | 9 | 1984 | | B07 | | | | | | | | | | | | 77.8 | | | | | | | | 0.64 | 18.5 | 18.5 |
| 26 | 9 | 1984 | | B08 | | | | | | | | | | | | 81.8 | | | | | | | | 1.04 | 15.5 | 15. |
| 26 | 9 | 1984 | | B09 | | | | | | | | | | | | 100. | | | | | | | | 0.96 | 13. | 13.5 |
| 26 | 9 | 1984 | | B10 | | | | | | | | | | | | 104. | | | | | | | | 1.04 | 11. | 12. |
| 26 | 9 | 1984 | | B11 | | | | | | | | | | | | 92.9 | | | | | | | | 0.96 | 7. | 7. |
| 26 | 9 | 1984 | | B12 | | | | | | | | | | | | 67.8 | | | | | | | | 1.21 | 7. | 7.5 |
| 28 | 9 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 9 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 9 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10 | 1984 | | B01 | 600 | 5.2 | 5.2 | 2.5 | 26. | 26. | 26. | | | | | | | 8.05 | | | | | | | 0.73 | | |
| 1 | 10 | 1984 | | B02 | 600 | 5.2 | 5.2 | 3.5 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | 0.96 | | |
| 1 | 10 | 1984 | | B03 | 600 | 4.9 | 4.9 | 4. | 26. | 26. | 26. | | | | | | | 8. | | | | | | | 0.94 | | |
| 1 | 10 | 1984 | | B04 | 600 | 3.9 | 3.9 | 3.9 | 26. | 26. | 26. | | | | | | | 8.4 | | | | | | | 1.03 | | |
| 1 | 10 | 1984 | | B05 | 600 | 2.2 | 2.1 | 1.9 | 26. | 26. | 26. | | | | | | | 8.05 | | | | | | | 0.89 | | |
| 1 | 10 | 1984 | | B06 | 600 | 4.3 | 4.2 | 3.9 | 26. | 26. | 26. | | | | | | | 7.95 | | | | | | | 0.69 | | |
| 1 | 10 | 1984 | | B07 | 600 | 4.8 | 4.7 | 4.4 | 26. | 26. | 26. | | | | | | | 8.05 | | | | | | | 0.54 | | |
| 1 | 10 | 1984 | | B08 | 600 | 4.7 | 4.6 | 4. | 26. | 26. | 26. | | | | | | | 7.95 | | | | | | | 0.96 | | |
| 1 | 10 | 1984 | | B09 | 600 | 3.4 | 3.2 | 3.2 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | 0.86 | | |
| 1 | 10 | 1984 | | B10 | 600 | 4.9 | 4.9 | 1.8 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | 0.98 | | |
| 1 | 10 | 1984 | | B11 | 600 | 5.4 | 5.2 | 5.2 | 25. | 26. | 26. | | | | | | | 8.1 | | | | | | | 0.97 | | |
| 1 | 10 | 1984 | | B12 | 600 | 4.4 | 4.2 | 1.6 | 25. | 25. | 25. | | | | | | | 7.7 | | | | | | | 0.92 | | |
| 4 | 10 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 13. | 13.5 |
| 4 | 10 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11.5 |
| 4 | 10 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 11. | 12. |
| 4 | 10 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 20. | 21. |
| 4 | 10 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 16.5 | 16. |
| 4 | 10 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 12.5 |
| 4 | 10 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 13. | 13.5 |
| 4 | 10 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 9.5 |
| 4 | 10 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 11.5 |
| 4 | 10 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.5 |
| 4 | 10 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 11. | 9.7 |
| 4 | 10 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 8.5 |
| 5 | 10 | 1984 | | B01 | 800 | | | | | | | | | | | | | | | | | | 1.08 | | | | |
| 5 | 10 | 1984 | | B02 | 800 | | | | | | | | | | | | | | | | | | 1.69 | | | | |
| 5 | 10 | 1984 | | B03 | 800 | | | | | | | | | | | | | | | | | | 1.93 | | | | |
| 5 | 10 | 1984 | | B04 | 800 | | | | | | | | | | | | | | | | | | 2.05 | | | | |
| 5 | 10 | 1984 | | B05 | 800 | | | | | | | | | | | | | | | | | | 2.32 | | | | |
| 5 | 10 | 1984 | | B06 | 800 | | | | | | | | | | | | | | | | | | 2.07 | | | | |
| 5 | 10 | 1984 | | B07 | 800 | | | | | | | | | | | | | | | | | | 1.39 | | | | |
| 5 | 10 | 1984 | | B09 | 800 | | | | | | | | | | | | | | | | | | 2.05 | | | | |
| 5 | 10 | 1984 | | B09 | 800 | | | | | | | | | | | | | | | | | | 2.05 | | | | |
| 5 | 10 | 1984 | | B10 | 800 | | | | | | | | | | | | | | | | | | 1.93 | | | | |
| 5 | 10 | 1984 | | B11 | 800 | | | | | | | | | | | | | | | | | | 1.82 | | | | |
| 5 | 10 | 1984 | | B12 | 800 | | | | | | | | | | | | | | | | | | 1.83 | | | | |
| 5 | 10 | 1984 | | B01 | 1400 | | | | | | | | | | | | | | | | | | 1.09 | | | | |
| 5 | 10 | 1984 | | B02 | 1400 | | | | | | | | | | | | | | | | | | 1.76 | | | | |
| 5 | 10 | 1984 | | B03 | 1400 | | | | | | | | | | | | | | | | | | 1.9 | | | | |
| 5 | 10 | 1984 | | B04 | 1400 | | | | | | | | | | | | | | | | | | 2.18 | | | | |
| 5 | 10 | 1984 | | B05 | 1400 | | | | | | | | | | | | | | | | | | 2.09 | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayagua, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 10 | 1984 | | B06 | 1400 | | | | | | | | | | | | | | | | | | | 1.72 | | | |
| 5 | 10 | 1984 | | B07 | 1400 | | | | | | | | | | | | | | | | | | | 1.33 | | | |
| 5 | 10 | 1984 | | B08 | 1400 | | | | | | | | | | | | | | | | | | | 2.09 | | | |
| 5 | 10 | 1984 | | B09 | 1400 | | | | | | | | | | | | | | | | | | | 1.8 | | | |
| 5 | 10 | 1984 | | B10 | 1400 | | | | | | | | | | | | | | | | | | | 2.01 | | | |
| 5 | 10 | 1984 | | B11 | 1400 | | | | | | | | | | | | | | | | | | | 1.9 | | | |
| 5 | 10 | 1984 | | B12 | 1400 | | | | | | | | | | | | | | | | | | | 1.9 | | | |
| 9 | 10 | 1984 | | B01 | 600 | 5.6 | 5.6 | 5.5 | 25. | 25. | 25. | | | | | | | 8.05 | | | | | | | | | |
| 9 | 10 | 1984 | | B02 | 600 | 5.9 | 5.9 | 5.8 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | | | |
| 9 | 10 | 1984 | | B03 | 600 | 5.5 | 5.5 | 5.4 | 25. | 25. | 25. | | | | | | | 8.1 | | | | | | | | | |
| 9 | 10 | 1984 | | B04 | 600 | 4.3 | 4.2 | 4.2 | 26. | 26. | 26. | | | | | | | 8.5 | | | | | | | | | |
| 9 | 10 | 1984 | | B05 | 600 | 3.7 | 3.7 | 3.7 | 26. | 26. | 26. | | | | | | | 8.25 | | | | | | | | | |
| 9 | 10 | 1984 | | B06 | 600 | 4.9 | 4.8 | 4.7 | 26. | 26. | 26. | | | | | | | 8.1 | | | | | | | | | |
| 9 | 10 | 1984 | | B07 | 600 | 5.6 | 5.6 | 5.6 | 25. | 25. | 25. | | | | | | | 8.15 | | | | | | | | | |
| 9 | 10 | 1984 | | B08 | 600 | 5.4 | 5.4 | 5.3 | 25. | 25. | 25. | | | | | | | 8.1 | | | | | | | | | |
| 9 | 10 | 1984 | | B09 | 600 | 4.8 | 4.7 | 4.7 | 25. | 25. | 25. | | | | | | | 8.15 | | | | | | | | | |
| 9 | 10 | 1984 | | B10 | 600 | 5.5 | 5.4 | 5.4 | 25. | 25. | 25. | | | | | | | 8.3 | | | | | | | | | |
| 9 | 10 | 1984 | | B11 | 600 | 5.4 | 5.4 | 5.4 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | | | |
| 9 | 10 | 1984 | | B12 | 600 | 3.9 | 3.8 | 3.8 | 25. | 25. | 25. | | | | | | | 7.9 | | | | | | | | | |
| 10 | 10 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9. |
| 10 | 10 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10.5 |
| 10 | 10 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10.5 |
| 10 | 10 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 17.5 | 19.5 |
| 10 | 10 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 18. | 19. |
| 10 | 10 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 12.5 |
| 10 | 10 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.5 |
| 10 | 10 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9.5 |
| 10 | 10 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 9.5 |
| 10 | 10 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 8.5 |
| 10 | 10 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 7.5 |
| 10 | 10 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 8.5 |
| 17 | 10 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 13. | 10.5 |
| 17 | 10 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 11.5 |
| 17 | 10 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10.5 |
| 17 | 10 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 24. | 23.5 |
| 17 | 10 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 19. | 20.5 |
| 17 | 10 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 13.5 | 14.5 |
| 17 | 10 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 12. | 11.5 |
| 17 | 10 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 11. | 10. |
| 17 | 10 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11. |
| 17 | 10 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.5 |
| 17 | 10 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 10.5 |
| 17 | 10 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9.5 |
| 23 | 10 | 1984 | | B01 | | | | | | | | | | | | 75. | 58.7 | | | 0.558 | | 0.31 | | | 0.96 | | |
| 23 | 10 | 1984 | | B02 | | | | | | | | | | | | 88. | 67.89 | | | 0.481 | | 0.28 | | | 1.24 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 10 | 1984 | | B03 | | | | | | | | | | | | 100. | 71.98 | | | 0.439 | | 0.21 | | | 1.2 | | |
| 23 | 10 | 1984 | | B04 | | | | | | | | | | | | 133. | 104.65 | | | 0.495 | | 0.21 | | | 3.12 | | |
| 23 | 10 | 1984 | | B05 | | | | | | | | | | | | 127.5 | 85.46 | | | 0.376 | | 0.25 | | | 1.25 | | |
| 23 | 10 | 1984 | | B06 | | | | | | | | | | | | 105. | 79.63 | | | 0.463 | | 0.11 | | | 0.935 | | |
| 23 | 10 | 1984 | | B07 | | | | | | | | | | | | 86. | 69.42 | | | 0.348 | | 0.24 | | | 0.84 | | |
| 23 | 10 | 1984 | | B08 | | | | | | | | | | | | 96. | 73. | | | 0.355 | | 0.13 | | | 1.32 | | |
| 23 | 10 | 1984 | | B09 | | | | | | | | | | | | 116. | 85.25 | | | 0.383 | | 0.14 | | | 1 08 | | |
| 23 | 10 | 1984 | | B10 | | | | | | | | | | | | 122. | 82.7 | | | 0.299 | | 0.22 | | | 1.34 | | |
| 23 | 10 | 1984 | | B11 | | | | | | | | | | | | 109. | 73.5 | | | 0.286 | | 0.16 | | | 1.35 | | |
| 23 | 10 | 1984 | | B12 | | | | | | | | | | | | 79. | 63.3 | | | 0.324 | | 0.2 | | | 1.42 | | |
| 25 | 10 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 2.38 | | 10.5 | 11. |
| 25 | 10 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 2.73 | | 9.5 | 11. |
| 25 | 10 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 2.85 | | 11. | 10.5 |
| 25 | 10 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | 2.98 | | 16.5 | 18. |
| 25 | 10 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | 2.75 | | 17. | 16. |
| 25 | 10 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 3.35 | | 13. | 13.5 |
| 25 | 10 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 2.7 | | 13.5 | 14.5 |
| 25 | 10 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 9.5 |
| 25 | 10 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 2.73 | | 10. | 11. |
| 25 | 10 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 3.39 | | 9. | 10.5 |
| 25 | 10 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 3.15 | | 11.5 | 10.5 |
| 25 | 10 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 2.97 | | 9.5 | 10. |
| 30 | 10 | 1984 | | B01 | 600 | 3.6 | 3.5 | 0.7 | 25. | 25. | 25. | | | | | | | 8.25 | | | | | | | | | |
| 30 | 10 | 1984 | | B02 | 600 | 4.4 | 4.4 | 1.6 | 24.8 | 24.8 | 24.9 | | | | | | | 8.1 | | | | | | | | | |
| 30 | 10 | 1984 | | B03 | 600 | 4.2 | 4.2 | 2.7 | 24.9 | 25. | 25. | | | | | | | 8.25 | | | | | | | | | |
| 30 | 10 | 1984 | | B04 | 600 | 2.7 | 2.5 | 2.4 | 25.8 | 26. | 26. | | | | | | | 8.4 | | | | | | | | | |
| 30 | 10 | 1984 | | B05 | 600 | 2. | 2. | 1.7 | 26. | 26. | 26. | | | | | | | 8.05 | | | | | | | | | |
| 30 | 10 | 1984 | | B06 | 600 | 3.5 | 3.4 | 3.3 | 25. | 25.5 | 25.8 | | | | | | | 8. | | | | | | | | | |
| 30 | 10 | 1984 | | B07 | 600 | 2.9 | 2.9 | 2.3 | 25.1 | 25.2 | 25.3 | | | | | | | 8.15 | | | | | | | | | |
| 30 | 10 | 1984 | | B08 | 600 | 2.4 | 2.4 | 0.7 | 25. | 25. | 25. | | | | | | | 8.15 | | | | | | | | | |
| 30 | 10 | 1984 | | B09 | 600 | 2.7 | 2.7 | 1.7 | 25. | 25. | 25. | | | | | | | 8.2 | | | | | | | | | |
| 30 | 10 | 1984 | | B10 | 600 | 3.9 | 3.9 | 0.7 | 24.9 | 24.9 | 24.9 | | | | | | | 8.3 | | | | | | | | | |
| 30 | 10 | 1984 | | B11 | 600 | 4.7 | 4.6 | 0.6 | 25. | 25. | 24.9 | | | | | | | 8.25 | | | | | | | | | |
| 30 | 10 | 1984 | | B12 | 600 | 3.2 | 3.2 | 2.9 | 25. | 25. | 25. | | | | | | | 7.95 | | | | | | | | | |
| 31 | 10 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 10 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 12.5 |
| 31 | 10 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 8.5 |
| 31 | 10 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 10.5 |
| 31 | 10 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 14.5 | 15. |
| 31 | 10 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 15.5 | 16.5 |
| 31 | 10 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 13. | 12.5 |
| 31 | 10 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 12. | 12.5 |
| 31 | 10 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 9. | 10.5 |
| 31 | 10 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.5 |
| 31 | 10 | 1984 | | B1! | | | | | | | | | | | | | | | | | | | | | | 9. | 9.5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 11. | 9.5 |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDR | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 10 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 11. | 10. |
| 6 | 11 | 1984 | | B01 | 600 | 6.3 | 6.2 | 6.2 | 22.9 | 22.9 | 22.9 | | | | | | | 8.2 | | | | | | | | | |
| 6 | 11 | 1984 | | B02 | 600 | 6.5 | 6.46 | 6.42 | 22.9 | 22.9 | 22.9 | | | | | | | 8.4 | | | | | | | | | |
| 6 | 11 | 1984 | | B03 | 600 | 6.32 | 6.3 | 6.29 | 23. | 23. | 23. | | | | | | | 8.45 | | | | | | | | | |
| 6 | 11 | 1984 | | B04 | 600 | 4.4 | 4.4 | 4.3 | 23.7 | 23.7 | 23.7 | | | | | | | 8.6 | | | | | | | | | |
| 6 | 11 | 1984 | | B05 | 600 | 3.4 | 3.45 | 3.45 | 23.9 | 23.9 | 23.9 | | | | | | | 8.3 | | | | | | | | | |
| 6 | 11 | 1984 | | B06 | 600 | 5.4 | 5.4 | 5.4 | 23.5 | 23.5 | 23.5 | | | | | | | 8.3 | | | | | | | | | |
| 6 | 11 | 1984 | | B07 | 600 | 6.2 | 6.2 | 6.2 | 23. | 23. | 23. | | | | | | | 8.4 | | | | | | | | | |
| 6 | 11 | 1984 | | B08 | 600 | 5.8 | 5.8 | 5.8 | 22.9 | 22.9 | 22.9 | | | | | | | 8.3 | | | | | | | | | |
| 6 | 11 | 1984 | | B09 | 600 | 5.6 | 5.6 | 5.51 | 23. | 23. | 23. | | | | | | | 8.4 | | | | | | | | | |
| 6 | 11 | 1984 | | B10 | 600 | 6.1 | 6.1 | 6.1 | 22.8 | 22.8 | 22.9 | | | | | | | 8.45 | | | | | | | | | |
| 6 | 11 | 1984 | | B11 | 600 | 6.19 | 6.19 | 6.2 | 23. | 23. | 23. | | | | | | | 8.3 | | | | | | | | | |
| 6 | 11 | 1984 | | B12 | 600 | 5.2 | 4.9 | 4.4 | 23. | 23. | 23. | | | | | | | 8.1 | | | | | | | | | |
| 8 | 11 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 11. | 10. |
| 8 | 11 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 8 | 11 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 11. |
| 8 | 11 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 13. | 14. |
| 8 | 11 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 15.5 | 16.5 |
| 8 | 11 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11. |
| 8 | 11 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 11. | 10.5 |
| 8 | 11 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9.5 |
| 8 | 11 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 9. | 9.5 |
| 8 | 11 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9.5 |
| 8 | 11 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 9. | 8.5 |
| 8 | 11 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 13 | 11 | 1984 | | B01 | 800 | 7.5 | 7.4 | 6.8 | 20.5 | 20.5 | 20.5 | | | | | | | 3.3 | | | | | | | 0.75 | | |
| 13 | 11 | 1984 | | B02 | 800 | 8. | 8. | 8. | 20.8 | 20.6 | 20.7 | | | | | | | 8.3 | | | | | | | 1.33 | | |
| 13 | 11 | 1984 | | B03 | 800 | 7.8 | 7.8 | 7.7 | 20.7 | 20.8 | 21. | | | | | | | 8.35 | | | | | | | 2.29 | | |
| 13 | 11 | 1984 | | B04 | 800 | 6.4 | 6.4 | 6.2 | 21. | 21. | 21. | | | | | | | 8.55 | | | | | | | 1.33 | | |
| 13 | 11 | 1984 | | B05 | 800 | 5.3 | 5.3 | 4.8 | 21.1 | 21.1 | 21.2 | | | | | | | 8.1 | | | | | | | 1.12 | | |
| 13 | 11 | 1984 | | B06 | 800 | 7.1 | 7. | 6.8 | 21.3 | 21.3 | 21.3 | | | | | | | 8.2 | | | | | | | 0.92 | | |
| 13 | 11 | 1984 | | B07 | 800 | 7.8 | 7.8 | 7.8 | 20.8 | 20.9 | 20.9 | | | | | | | 8.2 | | | | | | | 0.67 | | |
| 13 | 11 | 1984 | | B08 | 800 | 7.8 | 7.8 | 7.8 | 20.5 | 20.8 | 20.9 | | | | | | | 8.3 | | | | | | | 1.21 | | |
| 13 | 11 | 1984 | | B09 | 800 | 7.6 | 7.6 | 7.6 | 21. | 21. | 21. | | | | | | | 8.3 | | | | | | | 0.9 | | |
| 13 | 11 | 1984 | | B10 | 800 | 7.8 | 7.8 | 7.8 | 20.5 | 20.8 | 20.8 | | | | | | | 8.35 | | | | | | | 1.38 | | |
| 13 | 11 | 1984 | | B11 | 800 | 7.6 | 7.6 | 7.6 | 21. | 21. | 21. | | | | | | | 8.3 | | | | | | | 1.42 | | |
| 13 | 11 | 1984 | | B12 | 800 | 6.6 | 6.55 | 6.5 | 21. | 21. | 21. | | | | | | | 8.1 | | | | | | | 1.14 | | |
| 13 | 11 | 1984 | | B01 | 1400 | | | | | | | | | | | | | | | | | | | 0.82 | | | |
| 13 | 11 | 1984 | | B02 | 1400 | | | | | | | | | | | | | | | | | | | 1.52 | | | |
| 13 | 11 | 1984 | | B03 | 1400 | | | | | | | | | | | | | | | | | | | 1.46 | | | |
| 13 | 11 | 1984 | | B04 | 1400 | | | | | | | | | | | | | | | | | | | 1.68 | | | |
| 13 | 11 | 1984 | | B05 | 1400 | | | | | | | | | | | | | | | | | | | 1.45 | | | |
| 13 | 11 | 1984 | | B06 | 1400 | | | | | | | | | | | | | | | | | | | 0.92 | | | |
| 13 | 11 | 1984 | | B07 | 1400 | | | | | | | | | | | | | | | | | | | 0.88 | | | |
| 13 | 11 | 1984 | | B08 | 1400 | | | | | | | | | | | | | | | | | | | 1.68 | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | POND# | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 11 | 1984 | | B09 | 1400 | | | | | | | | | | | | | | | | | | | 1.01 | | | |
| 13 | 11 | 1984 | | B10 | 1400 | | | | | | | | | | | | | | | | | | | 1.96 | | | |
| 13 | 11 | 1984 | | B11 | 1400 | | | | | | | | | | | | | | | | | | | 1.52 | | | |
| 13 | 11 | 1984 | | B12 | 1400 | | | | | | | | | | | | | | | | | | | 1.45 | | | |
| 14 | 11 | 1984 | | B01 | 800 | | | | | | | | | | | | | | | | | | | 1.02 | 0.94 | 10. | 11. |
| 14 | 11 | 1984 | | B02 | 800 | | | | | | | | | | | | | | | | | | | 2.01 | 1.5 | 9.5 | 9. |
| 14 | 11 | 1984 | | B03 | 800 | | | | | | | | | | | | | | | | | | | 1.5 | 1.42 | 12. | 11. |
| 14 | 11 | 1984 | | B04 | 800 | | | | | | | | | | | | | | | | | | | 2.15 | 1.46 | 14. | 10.5 |
| 14 | 11 | 1984 | | B05 | 800 | | | | | | | | | | | | | | | | | | | 1.63 | 1.32 | 11.5 | 12. |
| 14 | 11 | 1984 | | B06 | 800 | | | | | | | | | | | | | | | | | | | 1.77 | 1.56 | 11.5 | 13. |
| 14 | 11 | 1984 | | B07 | 800 | | | | | | | | | | | | | | | | | | | 1.02 | 0.912 | 10.5 | 11. |
| 14 | 11 | 1984 | | B08 | 800 | | | | | | | | | | | | | | | | | | | 1.59 | 1.54 | 8.5 | 8. |
| 14 | 11 | 1984 | | B09 | 800 | | | | | | | | | | | | | | | | | | | 1.23 | 0.98 | 11.5 | 12. |
| 14 | 11 | 1984 | | B10 | 800 | | | | | | | | | | | | | | | | | | | 1.93 | 1.74 | 8.5 | 9. |
| 14 | 11 | 1984 | | B11 | 800 | | | | | | | | | | | | | | | | | | | 1.83 | 1.62 | 9.5 | 9. |
| 14 | 11 | 1984 | | B12 | 800 | | | | | | | | | | | | | | | | | | | | 1.32 | 10.5 | 11.5 |
| 15 | 11 | 1984 | | B01 | 1400 | | | | | | | | | | | | | | | | | | | 0.92 | 0.94 | | |
| 15 | 11 | 1984 | | B02 | 1400 | | | | | | | | | | | | | | | | | | | 1.48 | 1.6 | | |
| 15 | 11 | 1984 | | B03 | 1400 | | | | | | | | | | | | | | | | | | | 1.51 | 1.56 | | |
| 15 | 11 | 1984 | | B04 | 1400 | | | | | | | | | | | | | | | | | | | 1.61 | 1.56 | | |
| 15 | 11 | 1984 | | B05 | 1400 | | | | | | | | | | | | | | | | | | | 1.45 | 1.33 | | |
| 15 | 11 | 1984 | | B06 | 1400 | | | | | | | | | | | | | | | | | | | 1.13 | 1.13 | | |
| 15 | 11 | 1984 | | B07 | 1400 | | | | | | | | | | | | | | | | | | | 0.92 | 0.94 | | |
| 15 | 11 | 1984 | | B08 | 1400 | | | | | | | | | | | | | | | | | | | 1.4 | 1.56 | | |
| 15 | 11 | 1984 | | B09 | 1400 | | | | | | | | | | | | | | | | | | | 1.16 | 1.25 | | |
| 15 | 11 | 1984 | | B10 | 1400 | | | | | | | | | | | | | | | | | | | 1.83 | 1.74 | | |
| 15 | 11 | 1984 | | B11 | 1400 | | | | | | | | | | | | | | | | | | | 1.31 | 1.5 | | |
| 15 | 11 | 1984 | | B12 | 1400 | | | | | | | | | | | | | | | | | | | 1.32 | 1.46 | | |
| 16 | 11 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | 0.62 | 0.76 | | |
| 16 | 11 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | 0.99 | 1.3 | | |
| 16 | 11 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | 0.92 | 1.38 | | |
| 16 | 11 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | 1.37 | 1.34 | | |
| 16 | 11 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | 0.97 | 1.02 | | |
| 16 | 11 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | 0.61 | 0.88 | | |
| 16 | 11 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | 0.65 | 0.74 | | |
| 16 | 11 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | 0.95 | 1.34 | | |
| 16 | 11 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | 0.73 | 0.92 | | |
| 16 | 11 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | 1.22 | 1.5 | | |
| 16 | 11 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | 1.65 | 1.38 | | |
| 16 | 11 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | 0.91 | 1.22 | | |
| 20 | 11 | 1984 | | B01 | 600 | 5.1 | 4.6 | 0.4 | 24. | 24. | 23. | | | | | 75. | 59.02 | 8.15 | | 0.964 | | 0.165 | | | 0.8 | | |
| 20 | 11 | 1984 | | B02 | 600 | 6. | 5.5 | 1.3 | 24. | 24. | 23. | | | | | 100. | 72.17 | 8.4 | | 0.75 | | 0.12 | | | 1.01 | | |
| 20 | 11 | 1984 | | B03 | 600 | 6.1 | 6. | 1.3 | 24. | 24. | 23. | | | | | 119. | 80.42 | 8.4 | | 0.771 | | 0.16 | | | 1.37 | | |
| 20 | 11 | 1984 | | B04 | 600 | 5.3 | 5.3 | 0.9 | 24.5 | 24.5 | 24. | | | | | 21.18 | 124.24 | 8.7 | | 0.332 | | 0.1 | | | 1.46 | | |
| 20 | 11 | 1984 | | B05 | 600 | 3.7 | 3.7 | 0.5 | 24.5 | 24.5 | 24. | | | | | 136. | 86.6 | 8.2 | | 0.707 | | 0.17 | | | 1.25 | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDA | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 11 | 1984 | | B06 | 600 | 5.9 | 5.8 | 0.9 | 24. | 24. | 23. | | | | | 101. | 90.21 | 8.5 | | 0.557 | | 0.19 | | | 0.96 | | |
| 20 | 11 | 1984 | | B07 | 600 | 5.7 | 5.4 | 1.1 | 24. | 24. | 23. | | | | | 96. | 69.08 | 8.4 | | 0.525 | | 0.06 | | | 0.94 | | |
| 20 | 11 | 1984 | | B08 | 600 | 6. | 5.7 | 1. | 24. | 24. | 23. | | | | | 104. | 78.36 | 8.5 | | 0.6 | | 0.17 | | | 1.33 | | |
| 20 | 11 | 1984 | | B09 | 600 | 6.4 | 6.1 | 1. | 24. | 24. | 23.5 | | | | | 15.13 | 95.37 | 8.6 | | 0.428 | | 0.05 | | | 0.94 | | |
| 20 | 11 | 1984 | | B10 | 600 | 5.9 | 5.3 | 0.3 | 24. | 24. | 23. | | | | | 125. | 83.51 | 8.5 | | 0.364 | | 0.015 | | | 1.56 | | |
| 20 | 11 | 1984 | | B11 | 600 | 6.1 | 5.5 | 0.9 | 24. | 23.5 | 23. | | | | | 117. | 71.54 | 8.45 | | 0.428 | | 0.1 | | | 1.5 | | |
| 20 | 11 | 1984 | | B12 | 600 | 5.8 | 4.7 | 0.6 | 24. | 24. | 23. | | | | | 83. | 69.64 | 8.2 | | 0.45 | | 0.2 | | | 1.17 | | |
| 21 | 11 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 15. | 14. |
| 21 | 11 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 12. | 10. |
| 21 | 11 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 10.5 | 12. |
| 21 | 11 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 14. | 14. |
| 21 | 11 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 12. |
| 21 | 11 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 12. | 11.5 |
| 21 | 11 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 14. |
| 21 | 11 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 12.5 |
| 21 | 11 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 12. |
| 21 | 11 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 9. |
| 21 | 11 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10.5 |
| 21 | 11 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 14. |
| 27 | 11 | 1984 | | B01 | 600 | 6.4 | 6.3 | 3. | 22.5 | 22. | 22. | | | | | | | 8.5 | | | | | | | 0.708 | | |
| 27 | 11 | 1984 | | B02 | 600 | 6.8 | 6.5 | 4.3 | 22. | 22. | 22. | | | | | | | 8.45 | | | | | | | 1.25 | | |
| 27 | 11 | 1984 | | B03 | 600 | 6.7 | 6.6 | 3. | 22.5 | 22.5 | 22.5 | | | | | | | 8.55 | | | | | | | 1.23 | | |
| 27 | 11 | 1984 | | B04 | 600 | 7.4 | 7.4 | 2.7 | 23. | 23.5 | 23. | | | | | | | 8.45 | | | | | | | 1.23 | | |
| 27 | 11 | 1984 | | B05 | 600 | 5. | 4.9 | 2. | 23. | 23. | 23. | | | | | | | 8.4 | | | | | | | 0.98 | | |
| 27 | 11 | 1984 | | B06 | 600 | 6.6 | 6.6 | 2.9 | 23. | 23. | 23.5 | | | | | | | 8.45 | | | | | | | 0.84 | | |
| 27 | 11 | 1984 | | B07 | 600 | 5.3 | 5. | 3.5 | 22.5 | 22. | 22. | | | | | | | 8.45 | | | | | | | 0.64 | | |
| 27 | 11 | 1984 | | B08 | 600 | 6.2 | 6. | 3.4 | 22. | 22. | 22. | | | | | | | 8.45 | | | | | | | 1.16 | | |
| 27 | 11 | 1984 | | B09 | 600 | 6.2 | 6.2 | 3. | 23. | 23. | 22.5 | | | | | | | 8.65 | | | | | | | 0.916 | | |
| 27 | 11 | 1984 | | B10 | 600 | 6. | 5.6 | 2. | 22. | 22. | 22. | | | | | | | 8.45 | | | | | | | 1.48 | | |
| 27 | 11 | 1984 | | B11 | 600 | 6.3 | 6.4 | 3.6 | 22. | 22.5 | 22. | | | | | | | 8.45 | | | | | | | 1.37 | | |
| 27 | 11 | 1984 | | B12 | 600 | 6. | 5.8 | 3.7 | 22.5 | 22.5 | 22. | | | | | | | 8.15 | | | | | | | 1. | | |
| 29 | 11 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 11. | 10.5 |
| 29 | 11 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 11. | 13. |
| 29 | 11 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 29 | 11 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 14. | 14.5 |
| 29 | 11 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9. |
| 29 | 11 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 12.5 | 14. |
| 29 | 11 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 12. | 11. |
| 29 | 11 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 29 | 11 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 11.5 | 11. |
| 29 | 11 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 8.5 |
| 29 | 11 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 29 | 11 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 12. | 12.5 |
| 4 | 12 | 1984 | | B01 | 600 | 3.8 | 3.8 | 1.45 | 23. | 23. | 23. | | | | | | | 8.2 | | | | | | | | | |
| 4 | 12 | 1984 | | B02 | 600 | 3.6 | 3. | 0.7 | 23. | 23. | 23. | | | | | | | 8.45 | | | | | | | | | |

Table 3. Weekly and Twice Weekly Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MO. | YEAR | EXTRA DATA? | PONDR | DO TIME | DO @ TOP | DO @ MID | DO @ BOTTOM | WATER TEMP @ TOP | WATER TEMP @ MID | WATER TEMP @ BOTTOM | WATER TEMP @ TOP-MAX | WATER TEMP @ BOT-MAX | WATER TEMP @ TOP-MIN | WATER TEMP @ BOT-MIN | ALKA. | HARD. | pH | KJELDAHL N | NH3-N | NO2-N | NO3-N | TOTAL NO2 & NO3-N | TOTAL P | ORTHO PO4-P | SECHII DISK A | SECHII DISK B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 12 | 1984 | | B03 | 600 | 4. | 4. | 0.5 | 23. | 23. | 23. | | | | | | | 8.4 | | | | | | | | | |
| 4 | 12 | 1984 | | B04 | 600 | 3. | 3.05 | 1.3 | 24. | 24. | 24. | | | | | | | 8.9 | | | | | | | | | |
| 4 | 12 | 1984 | | B05 | 600 | 1.9 | 2. | 1.7 | 24. | 24. | 24. | | | | | | | 8.25 | | | | | | | | | |
| 4 | 12 | 1984 | | B06 | 600 | 3.5 | 3.5 | 2.8 | 23.5 | 24. | 23.4 | | | | | | | 8.45 | | | | | | | | | |
| 4 | 12 | 1984 | | B07 | 600 | 3.8 | 3.75 | 3. | 23. | 23.5 | 23.5 | | | | | | | 8.25 | | | | | | | | | |
| 4 | 12 | 1984 | | B08 | 600 | 3.6 | 3.6 | 1.2 | 23. | 23. | 23. | | | | | | | 8.45 | | | | | | | | | |
| 4 | 12 | 1984 | | B09 | 600 | 3. | 3. | 1.3 | 23.5 | 23.5 | 23.5 | | | | | | | 8.6 | | | | | | | | | |
| 4 | 12 | 1984 | | B10 | 600 | 3.7 | 3.7 | 0.2 | 23. | 23. | 23. | | | | | | | 8.55 | | | | | | | | | |
| 4 | 12 | 1984 | | B11 | 600 | 4.4 | 4.4 | 0. | 23. | 23. | 22.5 | | | | | | | 8.55 | | | | | | | | | |
| 4 | 12 | 1984 | | B12 | 600 | 3.8 | 3.8 | 0.05 | 23. | 23. | 22.5 | | | | | | | 8.3 | | | | | | | | | |
| 5 | 12 | 1984 | | B01 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.5 |
| 5 | 12 | 1984 | | B02 | | | | | | | | | | | | | | | | | | | | | | 8.5 | 9. |
| 5 | 12 | 1984 | | B03 | | | | | | | | | | | | | | | | | | | | | | 10. | 11.5 |
| 5 | 12 | 1984 | | B04 | | | | | | | | | | | | | | | | | | | | | | 15. | 16. |
| 5 | 12 | 1984 | | B05 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 12. |
| 5 | 12 | 1984 | | B06 | | | | | | | | | | | | | | | | | | | | | | 11. | 11.5 |
| 5 | 12 | 1984 | | B07 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 9. |
| 5 | 12 | 1984 | | B08 | | | | | | | | | | | | | | | | | | | | | | 3.5 | 10. |
| 5 | 12 | 1984 | | B09 | | | | | | | | | | | | | | | | | | | | | | 12. | 10.5 |
| 5 | 12 | 1984 | | B10 | | | | | | | | | | | | | | | | | | | | | | 8. | 6.5 |
| 5 | 12 | 1984 | | B11 | | | | | | | | | | | | | | | | | | | | | | 9.5 | 10. |
| 5 | 12 | 1984 | | B12 | | | | | | | | | | | | | | | | | | | | | | 10. | 10. |
| 7 | 12 | 1984 | | B01 | 600 | | | | | | | | | | | 80. | 60.49 | | | 0.639 | | 0.035 | | 1.31 | 0.708 | | |
| 7 | 12 | 1984 | | B02 | 600 | | | | | | | | | | | 116. | 74.53 | | | 0.561 | | 0.09 | | 1.92 | 1.3 | | |
| 7 | 12 | 1984 | | B03 | 600 | | | | | | | | | | | 132. | 81.68 | | | 0.613 | | 0.03 | | 2.09 | 1.33 | | |
| 7 | 12 | 1984 | | B04 | 600 | | | | | | | | | | | 204. | 126.6 | | | 0.456 | | 0.02 | | 1.97 | 1.[illegible] | | |
| 7 | 12 | 1984 | | B05 | 600 | | | | | | | | | | | 144. | 86.78 | | | 0.593 | | 0.08 | | 1.82 | 1.252 | | |
| 7 | 12 | 1984 | | B06 | 600 | | | | | | | | | | | 108.5 | 86.27 | | | 0.561 | | 0.03 | | 1.45 | 0.916 | | |
| 7 | 12 | 1984 | | B07 | 600 | | | | | | | | | | | 99. | 80.15 | | | 0.587 | | 0.09 | | 1.27 | 0.708 | | |
| 7 | 12 | 1984 | | B08 | 600 | | | | | | | | | | | 116.5 | 80.66 | | | 0.535 | | 0.125 | | 1.13 | 1.3 | | |
| 7 | 12 | 1984 | | B09 | 600 | | | | | | | | | | | 146. | 96.48 | | | 0.47 | | 0.045 | | 1.57 | 1.01 | | |
| 7 | 12 | 1984 | | B10 | 600 | | | | | | | | | | | 141.5 | 86.78 | | | 0.509 | | 0.032 | | 2.41 | 1.56 | | |
| 7 | 12 | 1984 | | B11 | 600 | | | | | | | | | | | 131.5 | 72.49 | | | 0.613 | | 0.145 | | 2.22 | 1.46 | | |
| 7 | 12 | 1984 | | B12 | 600 | | | | | | | | | | | 93. | 69.94 | | | 0.561 | | 0.075 | | 1.73 | 1.09 | | |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 1 | 1984 | 1500 | B01 | 7.3 | 7.1 | 0.4 | 28. | 27.5 | 24. | 8.5 |
| 31 | 1 | 1984 | 1500 | B02 | 6.6 | 6. | 2.6 | 28. | 27. | 24. | 8.38 |
| 31 | 1 | 1984 | 1500 | B03 | 6.6 | 6. | 3.7 | 27.5 | 26.5 | 24. | 8.4 |
| 31 | 1 | 1984 | 1500 | B06 | 6.7 | 6.3 | 3.5 | 28. | 26. | 24. | 8.5 |
| 31 | 1 | 1984 | 1500 | B07 | 6.9 | 6.8 | 2.3 | 27.5 | 27.5 | 24. | 8.4 |
| 31 | 1 | 1984 | 1500 | B08 | 6.8 | 6.2 | 4. | 27.5 | 26. | 24. | 8.4 |
| 31 | 1 | 1984 | 1500 | B09 | 6.7 | 5.2 | 3.6 | 27.5 | 24. | 24. | 8.4 |
| 31 | 1 | 1984 | 1500 | B10 | 7. | 5.8 | 4.2 | 28. | 25.5 | 24. | 8.55 |
| 31 | 1 | 1984 | 1500 | B11 | 6.7 | 5.7 | 3.7 | 28. | 25.5 | 24. | 8.35 |
| 31 | 1 | 1984 | 1500 | B12 | 6.5 | 4.2 | 2.1 | 28.5 | 24.5 | 23.5 | 8.3 |
| 31 | 1 | 1984 | 1900 | B01 | 7.5 | 6.7 | 0.4 | 26.5 | | 23.5 | 8.4 |
| 31 | 1 | 1984 | 1900 | B02 | 7.3 | 6.6 | 2.6 | 26.5 | 26. | 23.5 | 8.45 |
| 31 | 1 | 1984 | 1900 | B03 | 7. | 6.3 | 3.8 | 26. | 25.5 | 23.5 | 8.35 |
| 31 | 1 | 1984 | 1900 | B06 | 7.1 | 6.8 | 4.5 | 27. | 26.5 | 24. | 8.5 |
| 31 | 1 | 1984 | 1900 | B07 | 7.4 | 7.3 | 2.8 | 26. | 26.5 | 24. | 8.45 |
| 31 | 1 | 1984 | 1900 | B08 | 7.5 | 7.4 | 4. | 26. | 26. | 24. | 8.4 |
| 31 | 1 | 1984 | 1900 | B09 | 6.9 | 6.6 | 4. | 26. | 26. | 23.5 | 8.35 |
| 31 | 1 | 1984 | 1900 | B10 | 7.1 | 7.2 | 4.1 | 26. | 26. | 24. | 8.5 |
| 31 | 1 | 1984 | 1900 | B11 | 6.9 | 6.8 | 4. | 26. | 26. | 24. | 8.37 |
| 31 | 1 | 1984 | 1900 | B12 | 6.8 | 6.7 | 2. | 27. | 26.5 | 24. | 8.3 |
| 31 | 1 | 1984 | 2300 | B01 | 6.4 | 4.9 | 0.2 | 25. | 25. | 25. | 8.2 |
| 31 | 1 | 1984 | 2300 | B02 | 6.7 | 6. | 1.9 | 25. | 25. | 24. | 8.4 |
| 31 | 1 | 1984 | 2300 | B03 | 6.7 | 6. | 3.6 | 25. | 25. | 23.5 | 8.35 |
| 31 | 1 | 1984 | 2300 | B06 | 6.8 | 6.3 | 2.9 | 25.5 | 25.5 | 24. | 8.4 |
| 31 | 1 | 1984 | 2300 | B07 | 6.4 | 6.3 | 2.9 | 25.5 | 25. | 24.5 | 8.35 |
| 31 | 1 | 1984 | 2300 | B08 | 6.6 | 6.6 | 3. | 25. | 25. | 24. | 8.35 |
| 31 | 1 | 1984 | 2300 | B09 | 6.6 | 6.5 | 3. | 25. | 25. | 23.5 | 8.35 |
| 31 | 1 | 1984 | 2300 | B10 | 6.7 | 6.6 | 3.6 | 25. | 25. | 24. | 8.45 |
| 31 | 1 | 1984 | 2300 | B11 | 6.6 | 6.5 | 3.3 | 25. | 25. | 24. | 8.4 |
| 31 | 1 | 1984 | 2300 | B12 | 6.3 | 6.3 | 1.4 | 25.5 | 25.5 | 24. | 8.25 |
| 1 | 2 | 1984 | 300 | B01 | 5.2 | 4. | 0.2 | 24. | 24. | 23.5 | 8.05 |
| 1 | 2 | 1984 | 300 | B02 | 5.9 | 5.4 | 1.5 | 24. | 24. | 23.5 | 8.3 |
| 1 | 2 | 1984 | 300 | B03 | 6. | 5.4 | 2.5 | 24. | 24. | 23.5 | 8.22 |
| 1 | 2 | 1984 | 300 | B06 | 6. | 5.5 | 2.2 | 24.5 | 24.5 | 24. | 8.35 |
| 1 | 2 | 1984 | 300 | B07 | 5.6 | 5.4 | 5.2 | 24. | 24. | 24. | 8.25 |
| 1 | 2 | 1984 | 300 | B08 | 5.8 | 5.5 | 5.4 | 24. | 24. | 24. | 8.15 |
| 1 | 2 | 1984 | 300 | B09 | 5.8 | 5.5 | 5. | 24. | 23.5 | 24. | 8.2 |
| 1 | 2 | 1984 | 300 | B10 | 6.2 | 5.8 | 3. | 23.5 | 23.5 | 23.5 | 8.4 |
| 1 | 2 | 1984 | 300 | B11 | 6. | 5.7 | 2.1 | 23.5 | 23.5 | 23.5 | 8.28 |
| 1 | 2 | 1984 | 300 | B12 | 5.7 | 5.5 | 1. | 24. | 24. | 23.5 | 8.08 |
| 1 | 2 | 1984 | 700 | B01 | 5. | 4.8 | 4.3 | 23.5 | 23.5 | | 8.05 |
| 1 | 2 | 1984 | 700 | B02 | 5.8 | | 5.5 | 23.5 | 23.5 | | 8.23 |
| 1 | 2 | 1984 | 700 | B03 | 6. | | 5.8 | 23.5 | 23.5 | | 8.2 |
| 1 | 2 | 1984 | 700 | B06 | 6. | 6. | 5.5 | 24. | 24. | | 8.28 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 1984 | 700 | B07 | 5.4 | 5.3 | 5.4 | 23.5 | 23.5 | | 8.15 |
| 1 | 2 | 1984 | 700 | B08 | 5.8 | 5.8 | 5.7 | 23.5 | 23.5 | 23.5 | 8.1 |
| 1 | 2 | 1984 | 700 | B09 | 5.7 | 5.8 | 5.7 | 23.5 | 23.5 | 23.5 | 8.15 |
| 1 | 2 | 1984 | 700 | B10 | 6. | 6. | 5.9 | 23.5 | 23.5 | 23.5 | 8.35 |
| 1 | 2 | 1984 | 700 | B11 | 5.9 | 6. | 5.9 | 23.5 | 23.5 | 23.5 | 8.2 |
| 1 | 2 | 1984 | 700 | B12 | 5.5 | 5.5 | 5.4 | 23.5 | 23.5 | 23.5 | 8. |
| 1 | 2 | 1984 | 1100 | B01 | 6.4 | 6. | 1.8 | 24.5 | 24.5 | 23.5 | 8.2 |
| 1 | 2 | 1984 | 1100 | B02 | 6.6 | 6.3 | 4.2 | 24.5 | 24. | 23.5 | 8.25 |
| 1 | 2 | 1984 | 1100 | B03 | 6.6 | 6.3 | 4.7 | 24.5 | 24. | 23.5 | 8.15 |
| 1 | 2 | 1984 | 1100 | B06 | 7. | 6.8 | 4.4 | 25. | 25. | 24. | 8.25 |
| 1 | 2 | 1984 | 1100 | B07 | 6.6 | 6.5 | 6.2 | 24.5 | 24.5 | 24.5 | 8.2 |
| 1 | 2 | 1984 | 1100 | B08 | 6.7 | 6.7 | 6.5 | 24.5 | 24.5 | 24.5 | 8.15 |
| 1 | 2 | 1984 | 1100 | B09 | 6.6 | 6.6 | 5.1 | 24.5 | 24.5 | 24.5 | 8.05 |
| 1 | 2 | 1984 | 1100 | B10 | 6.9 | 6.9 | 5.8 | 24.5 | 24.5 | 23.5 | 8.3 |
| 1 | 2 | 1984 | 1100 | B11 | 6.7 | 6.6 | 5.6 | 24.5 | 24.5 | 23.5 | 8.1 |
| 1 | 2 | 1984 | 1100 | B12 | 6.6 | 6.3 | 4.3 | 25.5 | 25. | 24. | 8.05 |
| 1 | 2 | 1984 | 1500 | B01 | 8.3 | 8. | 4.5 | 27. | 26.5 | 23.5 | 8.3 |
| 1 | 2 | 1984 | 1500 | B02 | 8.1 | 7.8 | 3.3 | 26.5 | 26. | 23.5 | 8.35 |
| 1 | 2 | 1984 | 1500 | B03 | 7.9 | 7.8 | 4.7 | 26.5 | 26.5 | 23.5 | 8.32 |
| 1 | 2 | 1984 | 1500 | B06 | 8.4 | 8.2 | 4.7 | 27.5 | 27. | 24. | 8.43 |
| 1 | 2 | 1984 | 1500 | B07 | 8.1 | 8.1 | 5.3 | 26.5 | 26.5 | 25. | 8.36 |
| 1 | 2 | 1984 | 1500 | B08 | 8.1 | 8.1 | 5.6 | 26.5 | 26.5 | 24.5 | 8.3 |
| 1 | 2 | 1984 | 1500 | B09 | 7.8 | 7.8 | 5.3 | 26.5 | 26.5 | 24. | 8.23 |
| 1 | 2 | 1984 | 1500 | B10 | 8.2 | 7.8 | 5.7 | 27. | 26. | 24. | 8.4 |
| 1 | 2 | 1984 | 1500 | B11 | 8. | 7.4 | 5.6 | 27. | 26.5 | 24. | 8.3 |
| 1 | 2 | 1984 | 1500 | B12 | 8. | 6.6 | 3.9 | 28. | 26. | 23.5 | 8.15 |
| 27 | 2 | 1984 | 600 | B01 | 4.7 | 4.6 | 3.3 | 24. | 24. | 24. | |
| 27 | 2 | 1984 | 600 | B02 | 5.7 | 5.7 | 5. | 23.5 | 24. | 23.5 | |
| 27 | 2 | 1984 | 600 | B03 | 5.6 | 5.6 | 5.6 | 23.5 | 23.5 | 23.5 | |
| 27 | 2 | 1984 | 600 | B06 | 5.2 | 5. | 4.3 | 24. | 24. | 24. | |
| 27 | 2 | 1984 | 600 | B07 | 5.5 | 5.3 | 5.1 | 24. | 24. | 24. | |
| 27 | 2 | 1984 | 600 | B08 | 5.3 | 5.1 | 4.9 | 23.5 | 24. | 23.5 | |
| 27 | 2 | 1984 | 600 | B09 | 5.4 | 5.2 | 5.3 | 23. | 23.5 | 23. | |
| 27 | 2 | 1984 | 600 | B10 | 5.6 | 5.5 | 5.4 | 23. | 23. | 23. | |
| 27 | 2 | 1984 | 600 | B11 | 5.9 | 5.9 | 5.8 | 23. | 23. | 23. | |
| 27 | 2 | 1984 | 600 | B12 | 5.6 | 5.5 | | 23. | 23. | | |
| 28 | 2 | 1984 | 1500 | B01 | 7. | 6.9 | 6.5 | 22.5 | 22.5 | 22.5 | 8.75 |
| 28 | 2 | 1984 | 1500 | B02 | 7.5 | 7.3 | 7.4 | 22.5 | 22.5 | 22.5 | 8.55 |
| 28 | 2 | 1984 | 1500 | B03 | 7.3 | 7.2 | 7.2 | 22.5 | 23. | 22.5 | 8.45 |
| 28 | 2 | 1984 | 1500 | B06 | 7. | 7. | 6.4 | 23. | 23.5 | 23. | 8.7 |
| 28 | 2 | 1984 | 1500 | B07 | 7.6 | 7.4 | 7.5 | 22.5 | 23. | 22.5 | 8.45 |
| 28 | 2 | 1984 | 1500 | B08 | 7.6 | 7.5 | 7.5 | 22.5 | 23. | 22.5 | 8.55 |
| 28 | 2 | 1984 | 1500 | B09 | 7.1 | 7. | 7.1 | 22.5 | 23. | 22.5 | 8.3 |
| 28 | 2 | 1984 | 1500 | B10 | 7.4 | 7.3 | 7.3 | 22.5 | 22.5 | 25.5 | 8.4 |
| 28 | 2 | 1984 | 1500 | B11 | 7.2 | 7. | 7. | 22.5 | 23. | 23. | 8.35 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 2 | 1984 | 1500 | B12 | 6.9 | 6.8 | 6.8 | 23. | 23.5 | 23. | 8.2 |
| 28 | 2 | 1984 | 1900 | B01 | 7.1 | 7.1 | 6.5 | 21. | 21. | 21. | 8.25 |
| 28 | 2 | 1984 | 1900 | B02 | 7.6 | 7.5 | 7.5 | 21. | 21. | 21. | 8.6 |
| 28 | 2 | 1984 | 1900 | B03 | 7.5 | 7.4 | 7.4 | 21. | 21.5 | 21. | 8.45 |
| 28 | 2 | 1984 | 1900 | B06 | 7.2 | 6.9 | 6.8 | 21.5 | 22. | 22. | 8.7 |
| 28 | 2 | 1984 | 1900 | B07 | 7.5 | 7.5 | 7.5 | 21. | 21.5 | 21. | 8.4 |
| 28 | 2 | 1984 | 1900 | B08 | 7.6 | 7.5 | 7.5 | 21. | 21.5 | 21.5 | 8.5 |
| 28 | 2 | 1984 | 1900 | B09 | 7.5 | 6.5 | 7.3 | 21. | 21. | 21. | 8.35 |
| 28 | 2 | 1984 | 1900 | B10 | 7.6 | 7.2 | 7.4 | 20.5 | 21. | 21. | 8.4 |
| 28 | 2 | 1984 | 1900 | B11 | 7.3 | 6.8 | 7.2 | 21.5 | 21.5 | 21.5 | 8.4 |
| 28 | 2 | 1984 | 1900 | B12 | 7. | 6.7 | 6.9 | 22. | 22. | 22. | 8.2 |
| 28 | 2 | 1984 | 2300 | B01 | 7.1 | 6.9 | 7. | 20. | 20. | 20. | 8.25 |
| 28 | 2 | 1984 | 2300 | B02 | 7.4 | 6.9 | 7.3 | 20. | 20.5 | 20. | 8.6 |
| 28 | 2 | 1984 | 2300 | B03 | 7.4 | 7.4 | 7.3 | 20. | 20.5 | 20.5 | 8.45 |
| 28 | 2 | 1984 | 2300 | B06 | 7.1 | 6.9 | 6.8 | 20.5 | 21. | 21. | 8.75 |
| 28 | 2 | 1984 | 2300 | B07 | 7.4 | 7.2 | 7.3 | 20. | 20. | 20. | 8.4 |
| 28 | 2 | 1984 | 2300 | B08 | 7.4 | 6.9 | 4.2 | 20. | 20. | 20.5 | 8.5 |
| 28 | 2 | 1984 | 2300 | B09 | 7.5 | 7.4 | 7.3 | 20. | 20. | 20. | 8.35 |
| 28 | 2 | 1984 | 2300 | B10 | 7.8 | 7.4 | 7.5 | 19.5 | 20. | 20. | 8.4 |
| 28 | 2 | 1984 | 2300 | B11 | 7.4 | 7.3 | 7.3 | 20.5 | 20.5 | 20.5 | 8.4 |
| 28 | 2 | 1984 | 2300 | B12 | 7.4 | 7. | 7. | 20.5 | 21. | 21. | 8.2 |
| 29 | 2 | 1984 | 300 | B01 | 6.9 | 6.6 | 5.8 | 19. | 19.5 | 19.5 | 8.2 |
| 29 | 2 | 1984 | 300 | B02 | 7.2 | 7. | 6.9 | 19. | 19.5 | 19.5 | 8.55 |
| 29 | 2 | 1984 | 300 | B03 | 7.1 | 7.1 | 7. | 19.5 | 19.5 | 19.5 | 8.4 |
| 29 | 2 | 1984 | 300 | B06 | 6.5 | 6.4 | 5.9 | 20. | 20. | 20. | 8.65 |
| 29 | 2 | 1984 | 300 | B07 | 7. | 6.9 | 6.5 | 19.5 | 19.5 | 19.5 | 8.35 |
| 29 | 2 | 1984 | 300 | B08 | 6.9 | 6.7 | 6.9 | 19.5 | 19.5 | 19.5 | 8.4 |
| 29 | 2 | 1984 | 300 | B09 | 7.1 | 7. | 7. | 19.5 | 19.5 | 19.5 | 8.3 |
| 29 | 2 | 1984 | 300 | B10 | 7.3 | 7. | 7.2 | 19. | 19.5 | 19. | 8.4 |
| 29 | 2 | 1984 | 300 | B11 | 7.2 | 7. | 7.1 | 20. | 20. | 20. | 8.3 |
| 29 | 2 | 1984 | 300 | B12 | 6.8 | 6.5 | 6.6 | 20. | 20. | 20. | 8.15 |
| 29 | 2 | 1984 | 700 | B01 | 6.9 | 6.6 | 5.5 | 18.5 | 18.5 | 18.5 | 8.35 |
| 29 | 2 | 1984 | 700 | B02 | 7.3 | 7.1 | 6.8 | 18.5 | 18.5 | 18.5 | 8.55 |
| 29 | 2 | 1984 | 700 | B03 | 7.2 | 7. | 7.1 | 18.5 | 19. | 18.5 | 8.4 |
| 29 | 2 | 1984 | 700 | B06 | 6.5 | 6.3 | 5.9 | 19.5 | 19.5 | 19.5 | 8.6 |
| 29 | 2 | 1984 | 700 | B07 | 7. | 6.8 | 6.9 | 18.5 | 18.5 | 18.5 | 8.35 |
| 29 | 2 | 1984 | 700 | B08 | 7.1 | 6.8 | 6.8 | 18.5 | 18.5 | 18.5 | 8.4 |
| 29 | 2 | 1984 | 700 | B09 | 7.2 | 7.1 | 7.1 | 18.5 | 18.5 | 18.5 | 8.3 |
| 29 | 2 | 1984 | 700 | B10 | 7.3 | 7.2 | 7.2 | 18.5 | 18.5 | 18.5 | 8.4 |
| 29 | 2 | 1984 | 700 | B11 | 7.2 | 7.2 | 7.1 | 19. | 19. | 19. | 8.4 |
| 29 | 2 | 1984 | 700 | B12 | 6.7 | 6.7 | 6.7 | 19.5 | 19.5 | 19.5 | 8.2 |
| 29 | 2 | 1984 | 1100 | B01 | 7.6 | 6.5 | 6.9 | 18. | 18. | 18.5 | 8.4 |
| 29 | 2 | 1984 | 1100 | B02 | 7.9 | 7.3 | 7.8 | 18.5 | 18.5 | 18.5 | 8.6 |
| 29 | 2 | 1984 | 1100 | B03 | 7.8 | 7.3 | 7.6 | 18.5 | 19. | 19. | 8.45 |
| 29 | 2 | 1984 | 1100 | B06 | 7.4 | 6.8 | 6.3 | 19. | 19.5 | 19.5 | 8.7 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 2 | 1984 | 1100 | B07 | 7.8 | 7.4 | 7.8 | 18. | 18.5 | 18.5 | 8.45 |
| 29 | 2 | 1984 | 1100 | B08 | 7.8 | 7.5 | 7.8 | 18.5 | 18.5 | 19. | 8.5 |
| 29 | 2 | 1984 | 1100 | B09 | 7.6 | 7.2 | 7.7 | 18.5 | 19. | 19. | 8.4 |
| 29 | 2 | 1984 | 1100 | B10 | 8. | 7.2 | 7.9 | 18. | 19. | 18.5 | 8.45 |
| 29 | 2 | 1984 | 1100 | B11 | 7.8 | 6.4 | 7.6 | 18.5 | 19.5 | 19. | 8.45 |
| 29 | 2 | 1984 | 1100 | B12 | 7.5 | 6.3 | 7.2 | 19. | 19.5 | 19.5 | 8.25 |
| 29 | 2 | 1984 | 1500 | B01 | 8.1 | 7.2 | 6.2 | 19. | 19.5 | 19. | 8.5 |
| 29 | 2 | 1984 | 1500 | B02 | 8.2 | 8.2 | 7.3 | 19.5 | 19. | 19. | 8.6 |
| 29 | 2 | 1984 | 1500 | B03 | 8.1 | 7.9 | 7. | 19.5 | 19.5 | 19. | 8.5 |
| 29 | 2 | 1984 | 1500 | B06 | 8.2 | 6.6 | 6.2 | 20. | 20. | 19.5 | 8.8 |
| 29 | 2 | 1984 | 1500 | B07 | 8.2 | 8.6 | 7.7 | 19.5 | 20. | 19.5 | 8.55 |
| 29 | 2 | 1984 | 1500 | B08 | 8.1 | 8.3 | 8.4 | 19.5 | 20. | 20. | 8.6 |
| 29 | 2 | 1984 | 1500 | B09 | 8. | 7.8 | 7.8 | 19.5 | 20. | 19.5 | 8.45 |
| 29 | 2 | 1984 | 1500 | B10 | 7.9 | 6.8 | 5. | 19.5 | 20. | 19.5 | 8.5 |
| 29 | 2 | 1984 | 1500 | B11 | 8. | 7.5 | 7.9 | 20. | 20. | 20. | 8.5 |
| 29 | 2 | 1984 | 1500 | B12 | 7.8 | 7.5 | 7.6 | 20. | 20.5 | 20. | 8.35 |
| 27 | 3 | 1984 | 1500 | B01 | 7.8 | 4.2 | | 32. | 28. | | 8.7 |
| 27 | 3 | 1984 | 1500 | B02 | 7.3 | 5.5 | 0.3 | 31. | 29.5 | 25. | 8.75 |
| 27 | 3 | 1984 | 1500 | B03 | 6.9 | 5.5 | 0.1 | 30. | 29. | 25. | 8.6 |
| 27 | 3 | 1984 | 1500 | B06 | 7. | 6.8 | | 29.5 | 30. | | 8.75 |
| 27 | 3 | 1984 | 1500 | B07 | 7.2 | 6.7 | | 31. | 31. | | 8.6 |
| 27 | 3 | 1984 | 1500 | B08 | 7.4 | 7. | 0.4 | 30.5 | 30. | 25.5 | 8.7 |
| 27 | 3 | 1984 | 1500 | B09 | 6.6 | 5.2 | 0.2 | 30. | 29. | 25. | 8.5 |
| 27 | 3 | 1984 | 1500 | B10 | 6.4 | 5.7 | 0.1 | 30. | 29.5 | 24.5 | 8.5 |
| 27 | 3 | 1984 | 1500 | B11 | 6.2 | 5.9 | 0.1 | 30. | 29.5 | 24.5 | 8.45 |
| 27 | 3 | 1984 | 1500 | B12 | 6.4 | 5.5 | 0.2 | 30. | | 25. | 8.4 |
| 27 | 3 | 1984 | 1900 | B01 | 6.3 | 5.8 | 0.1 | 28. | 28. | 25. | 8.65 |
| 27 | 3 | 1984 | 1900 | B02 | 6.4 | 6.1 | 0.1 | 28. | 28. | 25.5 | 8.7 |
| 27 | 3 | 1984 | 1900 | B03 | 5.9 | 5.7 | 0.2 | 27.5 | 27.5 | 24.5 | 8.5 |
| 27 | 3 | 1984 | 1900 | B06 | 6.1 | 5.8 | 5.3 | 28. | 28. | 26.5 | 8.7 |
| 27 | 3 | 1984 | 1900 | B07 | 6.3 | 5.8 | 0.1 | 28. | 28. | 25. | 8.55 |
| 27 | 3 | 1984 | 1900 | B08 | 6.3 | 6.1 | 0.2 | 28. | 28. | 25.5 | 8.6 |
| 27 | 3 | 1984 | 1900 | B09 | 6.1 | 5.5 | 0.2 | 27.5 | 27.5 | 24.5 | 8.55 |
| 27 | 3 | 1984 | 1900 | B10 | 5.9 | 5.5 | 0.1 | 27.5 | 27.5 | 24. | 8.45 |
| 27 | 3 | 1984 | 1900 | B11 | 6. | 5.8 | 0.1 | 27. | 27.5 | 24. | 8.4 |
| 27 | 3 | 1984 | 1900 | B12 | 5.9 | 5.5 | | 27. | 27. | | 8.3 |
| 27 | 3 | 1984 | 2300 | B01 | 5.1 | 4.7 | 0.1 | 26.5 | 26.5 | 24.5 | 8.55 |
| 27 | 3 | 1984 | 2300 | B02 | 5.6 | 5.4 | 0.4 | 26. | 26.5 | 25.5 | 8.65 |
| 27 | 3 | 1984 | 2300 | B03 | 5.4 | 5.3 | 0.4 | 26. | 26. | 25. | 8.45 |
| 27 | 3 | 1984 | 2300 | B06 | 5.7 | 5.5 | 5.5 | 25.5 | 26. | 26. | 8.65 |
| 27 | 3 | 1984 | 2300 | B07 | 5.5 | 4. | 0.7 | 26. | 26.5 | 26. | 8.45 |
| 27 | 3 | 1984 | 2300 | B08 | 5.5 | 5.5 | 0.3 | 26. | 26.5 | 26.5 | 8.6 |
| 27 | 3 | 1984 | 2300 | B09 | 5.5 | 5.3 | 0.3 | 26. | 26. | 25. | 8.45 |
| 27 | 3 | 1984 | 2300 | B10 | 5.7 | 4.4 | 0.4 | 25.5 | 25.5 | 24.5 | 8.4 |
| 27 | 3 | 1984 | 2300 | B11 | 5.7 | 5.3 | 0.4 | 25.5 | 25.5 | 24.5 | 8.45 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 3 | 1984 | 2300 | B12 | 5.6 | 5.5 | 0.8 | 25.5 | 25.5 | 25. | 8.25 |
| 28 | 3 | 1984 | 300 | B01 | 4.5 | 4. | | 25.5 | 25.5 | | 8.5 |
| 28 | 3 | 1984 | 300 | B02 | 5. | 3.8 | 0.1 | 25.5 | 25.5 | 26. | 8.65 |
| 28 | 3 | 1984 | 300 | B03 | 5. | 3.7 | 0.4 | 25.5 | 25. | 24.5 | 8.45 |
| 28 | 3 | 1984 | 300 | B06 | 5. | 3.9 | 1.6 | 25. | 25.5 | 25.5 | 8.65 |
| 28 | 3 | 1984 | 300 | B07 | 4.9 | 3.5 | 0.1 | 25.5 | 26. | 25.5 | 8.45 |
| 28 | 3 | 1984 | 300 | B08 | 5.1 | 3.8 | 0.2 | 25.5 | 25.5 | 25.5 | 8.6 |
| 28 | 3 | 1984 | 300 | B09 | 5.2 | 3.8 | 1.8 | 25. | 25. | 25. | 8.4 |
| 28 | 3 | 1984 | 300 | B10 | 5. | 3.9 | | 24.5 | 25. | | 8.35 |
| 28 | 3 | 1984 | 300 | B11 | 5. | 4. | | 25. | 25. | | 8.3 |
| 28 | 3 | 1984 | 300 | B12 | 5. | 3.8 | | 24.5 | 25. | | 8.2 |
| 28 | 3 | 1984 | 700 | B01 | 4.7 | 4.4 | | 25.5 | 25.5 | | 8.3 |
| 28 | 3 | 1984 | 700 | B02 | 5.3 | 5.1 | | 25.5 | 25.5 | | 8.7 |
| 28 | 3 | 1984 | 700 | B03 | 5.2 | 5.2 | 1.6 | 25. | 25. | 25. | 8.5 |
| 28 | 3 | 1984 | 700 | B06 | 5.2 | 5.2 | 4.8 | 25. | 25. | 25.5 | 8.65 |
| 28 | 3 | 1984 | 700 | B07 | 5.1 | 4.8 | 4.3 | 25.5 | 25.5 | 25.5 | 8.45 |
| 28 | 3 | 1984 | 700 | B08 | 5.1 | 5.1 | 4.9 | 25.5 | 25.5 | 25.5 | 8.6 |
| 28 | 3 | 1984 | 700 | B09 | 5.6 | 5.3 | 3.4 | 25. | 25. | 25. | 8.4 |
| 28 | 3 | 1984 | 700 | B10 | 5.4 | 5.3 | 5.2 | 24.5 | 25. | 24.5 | 8.3 |
| 28 | 3 | 1984 | 700 | B11 | 5.7 | 5.6 | 3.9 | 25. | 25. | 24.5 | 8.3 |
| 28 | 3 | 1984 | 700 | B12 | 5.3 | 5.3 | 4.5 | 24.5 | 25. | 25. | 8.25 |
| 28 | 3 | 1984 | 1100 | B01 | 7.8 | 7.1 | 1.8 | 28.5 | 28. | 25. | 8.35 |
| 28 | 3 | 1984 | 1100 | B02 | 7.6 | 7.4 | 3.5 | 28. | 27.5 | 25.5 | 8.7 |
| 28 | 3 | 1984 | 1100 | B03 | 7.2 | 6.9 | 4.6 | 27. | 27. | 25. | 8.55 |
| 28 | 3 | 1984 | 1100 | B06 | 7.3 | 7.2 | 7.1 | 27. | 27. | 27. | 8.65 |
| 28 | 3 | 1984 | 1100 | B07 | 7.8 | 7.7 | 3.8 | 28. | 28. | 25.5 | 8.55 |
| 28 | 3 | 1984 | 1100 | B08 | 8. | 7.2 | 4.5 | 27.5 | 27. | 25.5 | 8.15 |
| 28 | 3 | 1984 | 1100 | B09 | 7.4 | 6.7 | 3.6 | 27. | 26.5 | 25. | 8.5 |
| 28 | 3 | 1984 | 1100 | B10 | 7.5 | 7.2 | 4. | 27. | 27. | 25. | 8.45 |
| 28 | 3 | 1984 | 1100 | B11 | 7.2 | 7. | 4. | 26.5 | 26.5 | 25. | 8.4 |
| 28 | 3 | 1984 | 1100 | B12 | 7.2 | 6.9 | 4.2 | 26.5 | 26.5 | 25. | 8.35 |
| 28 | 3 | 1984 | 1500 | B01 | 9.3 | 8.9 | 0.8 | 30. | 30. | 25.5 | 8.75 |
| 28 | 3 | 1984 | 1500 | B02 | 8.9 | 8.6 | 2.6 | 29. | 29. | 26. | 8.85 |
| 28 | 3 | 1984 | 1500 | B03 | 8.3 | 8.1 | 8.1 | 28.5 | 28.5 | 28.5 | 8.55 |
| 28 | 3 | 1984 | 1500 | B06 | 8.6 | 8.4 | 8.5 | 29. | 28.5 | 28.5 | 8.75 |
| 28 | 3 | 1984 | 1500 | B07 | 8.5 | 8.4 | 2.8 | 29.5 | 29. | 25.5 | 8.65 |
| 28 | 3 | 1984 | 1500 | B08 | 9.1 | 8.8 | 3.4 | 29. | 29. | 26. | 8.55 |
| 28 | 3 | 1984 | 1500 | B09 | 8.2 | 8. | 2.9 | 28.5 | 28.5 | 25. | 8.6 |
| 28 | 3 | 1984 | 1500 | B10 | 8.5 | 8.2 | 3. | 28.5 | 28.5 | 25. | 8.5 |
| 28 | 3 | 1984 | 1500 | B11 | 8.2 | 8.1 | 3.8 | 28. | 28. | 25. | 8.45 |
| 28 | 3 | 1984 | 1500 | B12 | 8.2 | 8.1 | 7.5 | 28. | 28. | 26.5 | 8.35 |
| 25 | 4 | 1984 | 700 | B01 | 3.6 | 3.5 | 1.2 | 25.5 | 25.5 | 25.5 | 8.15 |
| 25 | 4 | 1984 | 700 | B02 | 3.85 | 3.8 | 3.35 | 25.5 | 26. | 25.5 | 8.6 |
| 25 | 4 | 1984 | 700 | B03 | 4.6 | 4.55 | 3.15 | 25.5 | 25.5 | 25.5 | 8.4 |
| 25 | 4 | 1984 | 700 | B06 | 4.8 | 4.75 | 1.6 | 26. | 26. | 26. | 8.25 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 4 | 1984 | 700 | B07 | 4.3 | 4.2 | 4. | 26. | 26. | 26. | 8.3 |
| 25 | 4 | 1984 | 700 | B08 | 3.2 | 3.15 | 2.2 | 26. | 26. | 25.5 | 8.35 |
| 25 | 4 | 1984 | 700 | B09 | 4.95 | 4.95 | 1.2 | 25.5 | 25.5 | 25.5 | 8.4 |
| 25 | 4 | 1984 | 700 | B10 | 4.7 | 4.65 | 3.6 | 25. | 25. | 25. | 8.4 |
| 25 | 4 | 1984 | 700 | B11 | 5.15 | 5.1 | 0.8 | 25.5 | 25.5 | 25. | 8.45 |
| 25 | 4 | 1984 | 700 | B12 | 4.65 | 4.6 | 0.5 | 25. | 25. | 24.5 | 8.2 |
| 25 | 4 | 1984 | 1100 | B01 | 6.7 | 5.1 | 1. | 29. | 27. | 25.5 | 8.35 |
| 25 | 4 | 1984 | 1100 | B02 | 6.9 | 5.3 | 1.35 | 28. | 26. | 25.5 | 8.65 |
| 25 | 4 | 1984 | 1100 | B03 | 7. | 6. | 1.35 | 28.5 | 26.5 | 25.5 | 8.5 |
| 25 | 4 | 1984 | 1100 | B06 | 6.65 | 6.2 | 1.65 | 28. | 27. | 26. | 8.35 |
| 25 | 4 | 1984 | 1100 | B07 | 7.5 | 6.65 | 3. | 29. | 28.5 | 26. | 8.45 |
| 25 | 4 | 1984 | 1100 | B08 | 7.2 | 6.4 | 2.7 | 28.5 | 27. | 26. | 8.45 |
| 25 | 4 | 1984 | 1100 | B09 | 7.05 | 5.8 | 1.9 | 28. | 26.5 | 25.5 | 8.5 |
| 25 | 4 | 1984 | 1100 | B10 | 7.05 | 5.9 | 0.9 | 28. | 27. | 25. | 8.5 |
| 25 | 4 | 1984 | 1100 | B11 | 6.95 | 5.8 | 4. | 28. | 27. | 25. | 8.45 |
| 25 | 4 | 1984 | 1100 | B12 | 6.3 | 5.2 | 0.9 | 27. | 25.5 | 24.5 | 8.2 |
| 25 | 4 | 1984 | 1500 | B01 | 7.2 | 4.25 | 0.8 | 32.5 | 27. | 25.5 | 8.6 |
| 25 | 4 | 1984 | 1500 | B02 | 7.9 | 4.8 | 1.35 | 32. | 28. | 25.5 | 8.85 |
| 25 | 4 | 1984 | 1500 | B03 | 8. | 6.5 | 0.8 | 32. | 29.5 | 25.5 | 8.6 |
| 25 | 4 | 1984 | 1500 | B06 | 7.9 | 6.1 | 1.35 | 32. | 30. | 26. | 8.6 |
| 25 | 4 | 1984 | 1500 | B07 | 8.15 | 6.7 | 2.65 | 31.5 | 28.5 | 26. | 8.65 |
| 25 | 4 | 1984 | 1500 | B08 | 9.6 | 5.2 | 2.2 | 32. | 28. | 26. | 8.55 |
| 25 | 4 | 1984 | 1500 | B09 | 8.1 | 6.1 | 1.4 | 32. | 27.5 | 25.5 | 8.65 |
| 25 | 4 | 1984 | 1500 | B10 | 8.2 | 4.5 | 0.3 | 32.5 | 27. | 25. | 8.6 |
| 25 | 4 | 1984 | 1500 | B11 | 7.3 | 5.5 | 1.25 | 32. | 28. | 25. | 8.55 |
| 25 | 4 | 1984 | 1500 | B12 | 8.1 | 4.85 | 0.1 | 32. | 27.5 | 24.5 | 8.35 |
| 25 | 4 | 1984 | 1900 | B01 | 6.3 | 4.2 | 0.4 | 29.5 | 27.5 | 25.5 | 8.45 |
| 25 | 4 | 1984 | 1900 | B02 | 6.4 | 5.4 | 0.6 | 28.5 | 28. | 25.5 | 8.65 |
| 25 | 4 | 1984 | 1900 | B03 | 6.4 | 5.8 | 0.6 | 28.5 | 28.5 | 25.5 | 8.45 |
| 25 | 4 | 1984 | 1900 | B06 | 6.8 | 5.4 | 0.1 | 29. | 27.5 | 24.5 | 8.4 |
| 25 | 4 | 1984 | 1900 | B07 | 6.9 | 6.3 | 2.1 | 29. | 29. | 26.5 | 8.5 |
| 25 | 4 | 1984 | 1900 | B08 | 6.9 | 3.9 | 0.9 | 28.5 | 27.5 | 25.5 | 8.45 |
| 25 | 4 | 1984 | 1900 | B09 | 7. | 5.4 | 0.8 | 28.5 | 28. | 25. | 8.4 |
| 25 | 4 | 1984 | 1900 | B10 | 6.5 | 5.2 | 0.2 | 28.5 | 28. | 25. | 8.45 |
| 25 | 4 | 1984 | 1900 | B11 | 6.4 | 6. | 0.7 | 28.5 | 28.5 | 24.5 | 8.4 |
| 25 | 4 | 1984 | 1900 | B12 | 6.5 | 5.6 | 0.6 | 29. | 28. | 26. | 8.2 |
| 25 | 4 | 1984 | 2300 | B01 | 5.5 | 5.1 | 0.3 | 27. | 27. | 25.5 | 8.45 |
| 25 | 4 | 1984 | 2300 | B02 | 5.9 | 5.7 | 0.4 | 27. | 27. | 25.5 | 8.75 |
| 25 | 4 | 1984 | 2300 | B03 | 5.9 | 5.7 | 0.3 | 27. | 27. | 25. | 8.7 |
| 25 | 4 | 1984 | 2300 | B06 | 6. | 6. | 1.9 | 27. | 27. | 26. | 8.5 |
| 25 | 4 | 1984 | 2300 | B07 | 5.9 | 5.8 | 1.7 | 27. | 27. | 26. | 8.5 |
| 25 | 4 | 1984 | 2300 | B08 | 5.9 | 5.7 | 0.7 | 27. | 27. | 26. | 8.5 |
| 25 | 4 | 1984 | 2300 | B09 | 6.1 | 7.9 | 0.3 | 26.5 | 26.5 | 25. | 8.55 |
| 25 | 4 | 1984 | 2300 | B10 | 5.8 | 5.6 | 0.2 | 26.5 | 26.5 | 25. | 8.45 |
| 25 | 4 | 1984 | 2300 | B11 | 6. | 5.9 | 0.4 | 26.5 | 26.5 | 24.5 | 8.45 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 4 | 1984 | 2300 | B12 | 5.6 | 2.1 | 0.1 | 26.5 | 26.5 | 24.5 | 8.35 |
| 26 | 4 | 1984 | 300 | B01 | 5. | 4.9 | 3.1 | 26. | 26.5 | 26. | 8.3 |
| 26 | 4 | 1984 | 300 | B02 | 5.2 | 5.2 | 3.4 | 26. | 26. | 26. | 8.65 |
| 26 | 4 | 1984 | 300 | B03 | 5.2 | 5.1 | 2.1 | 26. | 26. | 25.5 | 8.4 |
| 26 | 4 | 1984 | 300 | B06 | 5.4 | 5.2 | 2.6 | 26. | 26.5 | 26. | 8.3 |
| 26 | 4 | 1984 | 300 | B07 | 5.2 | 5.2 | 4. | 26.5 | 27. | 26.5 | 8.4 |
| 26 | 4 | 1984 | 300 | B08 | 5.1 | 4.9 | 0.5 | 26. | 26. | 25.5 | 8.4 |
| 26 | 4 | 1984 | 300 | B09 | 5.4 | 5.3 | 3.6 | 26. | 26. | 26. | 8.45 |
| 26 | 4 | 1984 | 300 | B10 | 5.4 | 5.3 | 1.4 | 26. | 26. | 25. | 8.45 |
| 26 | 4 | 1984 | 300 | B11 | 5.4 | 5.3 | 3.8 | 26. | 26. | 25.5 | 8.35 |
| 26 | 4 | 1984 | 300 | B12 | 5.1 | 5. | 1.1 | 25.5 | 26. | 25. | 8.2 |
| 26 | 4 | 1984 | 700 | B01 | 3.45 | 3.25 | 2.15 | 26. | 26. | 26. | 8.2 |
| 26 | 4 | 1984 | 700 | B02 | 4.2 | 4.1 | 2.6 | 25.5 | 25.5 | 25.5 | 8.6 |
| 26 | 4 | 1984 | 700 | B03 | 4.2 | 4.15 | 2.8 | 25.5 | 25.5 | 25.5 | 8.4 |
| 26 | 4 | 1984 | 700 | B06 | 4.3 | 4.3 | 4.1 | 26. | 26. | 26. | 8.25 |
| 26 | 4 | 1984 | 700 | B07 | 4.25 | 4.3 | 4.2 | 26. | 26. | 26. | 8.35 |
| 26 | 4 | 1984 | 700 | B08 | 4.2 | 4.2 | 4.1 | 26. | 26. | 26. | 8.35 |
| 26 | 4 | 1984 | 700 | B09 | 4.6 | 4.6 | 3.75 | 25.5 | 25.5 | 25.5 | 8.4 |
| 26 | 4 | 1984 | 700 | B10 | 4.5 | 4.5 | 2.9 | 25. | 25. | 25. | 8.35 |
| 26 | 4 | 1984 | 700 | B11 | 4.85 | 4.8 | 3.6 | 25.5 | 25.5 | 25. | 8.35 |
| 26 | 4 | 1984 | 700 | B12 | 4.4 | 4.4 | 0.35 | 25. | 25. | 25. | 8.15 |
| 23 | 5 | 1984 | 700 | B01 | 3.8 | 3.8 | 3.7 | 26.5 | 26.5 | 27. | 8.35 |
| 23 | 5 | 1984 | 700 | B02 | 4.15 | 4.1 | 3.2 | 26.5 | 26.5 | 26.5 | 8.55 |
| 23 | 5 | 1984 | 700 | B03 | 4.2 | 4.1 | 2.9 | 26. | 26. | 26. | 8.55 |
| 23 | 5 | 1984 | 700 | B06 | 4.1 | 4.1 | 3.3 | 26. | 26. | 26. | 8.52 |
| 23 | 5 | 1984 | 700 | B07 | 4.4 | 4.4 | 4.3 | 27. | 27. | 27. | 8.57 |
| 23 | 5 | 1984 | 700 | B08 | 4.4 | 4.2 | 3.8 | 26.5 | 26.5 | 26.5 | 8.6 |
| 23 | 5 | 1984 | 700 | B09 | 4.6 | 4.55 | 4.3 | 26. | 26. | 26. | 8.47 |
| 23 | 5 | 1984 | 700 | B10 | 4.3 | 4.3 | 4.1 | 26. | 26. | 26. | 8.4 |
| 23 | 5 | 1984 | 700 | B11 | 4.5 | 4.5 | 3. | 26. | 26. | 26. | 8.42 |
| 23 | 5 | 1984 | 700 | B12 | 4.2 | 4.2 | 3.7 | 26. | 26. | 26. | 8.25 |
| 23 | 5 | 1984 | 1100 | B01 | 7.2 | 3.9 | 1.9 | 30.5 | 27. | 26.5 | 8.5 |
| 23 | 5 | 1984 | 1100 | B02 | 7.2 | 4.3 | 2.6 | 29. | 27. | 26.5 | 8.7 |
| 23 | 5 | 1984 | 1100 | B03 | 5.4 | 4.1 | 3.1 | 28. | 26.5 | 26.5 | 8.7 |
| 23 | 5 | 1984 | 1100 | B06 | 5.3 | 4.7 | 2.7 | 27.5 | 27. | 26.5 | 8.75 |
| 23 | 5 | 1984 | 1100 | B07 | 6.8 | 5.2 | 3.8 | 29.5 | 27.5 | 27. | 8.65 |
| 23 | 5 | 1984 | 1100 | B08 | 7.8 | 4.5 | 3.5 | 30.5 | 27. | 26.5 | 8.7 |
| 23 | 5 | 1984 | 1100 | B09 | 6.8 | 4.6 | 3.2 | 30. | 27.5 | 26.5 | 8.55 |
| 23 | 5 | 1984 | 1100 | B10 | 5.2 | 3.6 | 2.3 | 29. | 26. | 26. | 8.45 |
| 23 | 5 | 1984 | 1100 | B11 | 5.8 | 4.3 | 1. | 28.5 | 26.5 | 26. | 8.45 |
| 23 | 5 | 1984 | 1100 | B12 | 5.5 | 3.8 | 2.2 | 29.5 | 26.5 | 26. | 8.3 |
| 23 | 5 | 1984 | 1500 | B01 | 8.4 | 7.9 | 1.7 | 32. | 31. | 26.5 | 8.75 |
| 23 | 5 | 1984 | 1500 | B02 | 10.4 | 6.4 | 2.5 | 33. | 29. | 26.5 | 8.75 |
| 23 | 5 | 1984 | 1500 | B03 | 9.5 | 5.1 | 2.3 | 32.5 | 27.5 | 26.5 | 8.7 |
| 23 | 5 | 1984 | 1500 | B06 | 9.5 | 5.3 | 2. | 31.5 | 28.5 | 26.5 | 8.8 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 5 | 1984 | 1500 | B07 | 8.9 | 6.4 | 3.2 | 32.5 | 29.5 | 27. | 8.85 |
| 23 | 5 | 1984 | 1500 | B08 | 9.9 | 7. | 2.6 | 33. | 29.5 | 26.5 | 8.75 |
| 23 | 5 | 1984 | 1500 | B09 | 8.9 | 5.7 | 2.7 | 33. | 28. | 26.5 | 8.6 |
| 23 | 5 | 1984 | 1500 | B10 | 8.5 | 4. | 1.6 | 33. | 26.5 | 26. | 8.52 |
| 23 | 5 | 1984 | 1500 | B11 | 8.8 | 4.5 | 1.6 | 33.5 | 27. | 26. | 8.6 |
| 23 | 5 | 1984 | 1500 | B12 | 9.8 | 3.6 | 1.5 | 34. | 27. | 26. | 8.65 |
| 23 | 5 | 1984 | 1900 | B01 | 6. | 5. | 1.5 | 28. | 28. | 26. | 8.45 |
| 23 | 5 | 1984 | 1900 | B02 | 6.8 | 5.2 | 1.8 | 28. | 28. | 26. | 8.65 |
| 23 | 5 | 1984 | 1900 | B03 | 5.8 | 5. | 2. | 28. | 28. | 26. | 8.6 |
| 23 | 5 | 1984 | 1900 | B06 | 6.15 | 5.8 | 1.8 | 28. | 28. | 26. | 8.65 |
| 23 | 5 | 1984 | 1900 | B07 | 6.5 | 6. | 2. | 28. | 28. | 27. | 8.65 |
| 23 | 5 | 1984 | 1900 | B08 | 7.2 | 5.8 | 3. | 28. | 28. | 27. | 8.7 |
| 23 | 5 | 1984 | 1900 | B09 | 5.8 | 5. | 2.5 | 28. | 28. | 27. | 8.5 |
| 23 | 5 | 1984 | 1900 | B10 | 5.8 | 4.5 | 1. | 27.5 | 27.5 | 26. | 8.5 |
| 23 | 5 | 1984 | 1900 | B11 | 5.5 | 4.8 | 1. | 28. | 28. | 26. | 8.45 |
| 23 | 5 | 1984 | 1900 | B12 | 5.8 | 5.8 | 1. | 28. | 28. | 26. | 8.45 |
| 23 | 5 | 1984 | 2300 | B01 | 4.5 | 4.2 | 0.5 | 27. | 27. | 26. | 8.4 |
| 23 | 5 | 1984 | 2300 | B02 | 5. | 5. | 1. | 26.5 | 26.5 | 26. | 8.55 |
| 23 | 5 | 1984 | 2300 | B03 | 5. | 4.8 | 1. | 27. | 27. | 26. | 8.55 |
| 23 | 5 | 1984 | 2300 | B06 | 5.2 | 4.8 | 0.4 | 27. | 27. | 26. | 8.55 |
| 23 | 5 | 1984 | 2300 | B07 | 5.5 | 5.2 | 3. | 28. | 28. | 27. | 8.6 |
| 23 | 5 | 1984 | 2300 | B08 | 5.5 | 5.5 | 2.5 | 27. | 27. | 26.5 | 8.6 |
| 23 | 5 | 1984 | 2300 | B09 | 5.2 | 5. | 1.5 | 27. | 27. | 26. | 8.5 |
| 23 | 5 | 1984 | 2300 | B10 | 4.8 | 4.8 | 2. | 26.5 | 26.5 | 25.5 | 8.45 |
| 23 | 5 | 1984 | 2300 | B11 | 5. | 5. | 0.6 | 27. | 27. | 25.5 | 8.45 |
| 23 | 5 | 1984 | 2300 | B12 | 5. | 4.8 | 0.5 | 27. | 27. | 26. | 8.35 |
| 24 | 5 | 1984 | 300 | B01 | 4. | 4. | 1.5 | 26.5 | 26.5 | 26.5 | 8.3 |
| 24 | 5 | 1984 | 300 | B02 | 4.8 | 4.8 | 0.5 | 26.5 | 26.5 | 26.5 | 8.5 |
| 24 | 5 | 1984 | 300 | B03 | 4.6 | 4.5 | 0.5 | 26. | 26. | 26. | 8.5 |
| 24 | 5 | 1984 | 300 | B06 | 4.8 | 4.6 | 1. | 26.5 | 26.5 | 26. | 8.45 |
| 24 | 5 | 1984 | 300 | B07 | 5. | 5. | 2. | 27. | 27. | 27. | 8.5 |
| 24 | 5 | 1984 | 300 | B08 | 5. | 5. | 2. | 26.5 | 26.5 | 26.5 | 8.55 |
| 24 | 5 | 1984 | 300 | B09 | 4.8 | 4.6 | 1. | 26.5 | 26.5 | 26. | 8.45 |
| 24 | 5 | 1984 | 300 | B10 | 4.6 | 4.5 | 0.4 | 26. | 26. | 25.5 | 8.4 |
| 24 | 5 | 1984 | 300 | B11 | 5. | 5. | 0.5 | 26. | 26. | 25.5 | 8.35 |
| 24 | 5 | 1984 | 300 | B12 | 4.8 | 4.8 | 0.5 | 26. | 26. | 25.5 | 8.25 |
| 24 | 5 | 1984 | 700 | B01 | 3.7 | 3.7 | 3.6 | 26. | 26. | 26. | 8.25 |
| 24 | 5 | 1984 | 700 | B02 | 4. | 4. | 3.5 | 26. | 26. | 26. | 8.6 |
| 24 | 5 | 1984 | 700 | B03 | 3.8 | 3.9 | 4. | 26. | 26. | 26. | 8.55 |
| 24 | 5 | 1984 | 700 | B06 | 3.8 | 3.8 | 3.7 | 26. | 26. | 26. | 8.5 |
| 24 | 5 | 1984 | 700 | B07 | 4.2 | 4.1 | 4.1 | 26.5 | 26.5 | 26.5 | 8.55 |
| 24 | 5 | 1984 | 700 | B08 | 4.4 | 4.3 | 4.2 | 26. | 26. | 26. | 8.6 |
| 24 | 5 | 1984 | 700 | B09 | 4.5 | 4.45 | 4.3 | 26. | 26. | 26. | 8.5 |
| 24 | 5 | 1984 | 700 | B10 | 3.9 | 4. | 3.9 | 25.5 | 25.5 | 25.5 | 8.45 |
| 24 | 5 | 1984 | 700 | B11 | 4.5 | 4.4 | 4. | 26. | 26. | 26. | 8.6 |
| 24 | 5 | 1984 | 700 | B12 | 4. | 4. | 3.9 | 26. | 26. | 26. | 8.35 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 7 | 1984 | 600 | B01 | 4.9 | 4.6 | 2.3 | 26. | 26. | 26. | 7.9 |
| 31 | 7 | 1984 | 600 | B02 | 4.9 | 4.7 | 3. | 26. | 26. | 26. | 8. |
| 31 | 7 | 1984 | 600 | B03 | 4.1 | 4. | 2.7 | 26. | 26. | 26. | 7.9 |
| 31 | 7 | 1984 | 600 | B04 | 2.6 | 2.6 | 2.6 | 27. | 27. | 27. | 7.9 |
| 31 | 7 | 1984 | 600 | B05 | 3.6 | 3.5 | 3.5 | 27. | 27. | 27. | 8.3 |
| 31 | 7 | 1984 | 600 | B06 | 4.6 | 4.5 | 4.3 | 26. | 26. | 26. | 8.1 |
| 31 | 7 | 1984 | 600 | B07 | 4.8 | 4.6 | 4. | 27. | 27. | 27. | 8. |
| 31 | 7 | 1984 | 600 | B08 | 4.5 | 4.3 | 4.2 | 26. | 26. | 26. | 8.2 |
| 31 | 7 | 1984 | 600 | B09 | 4.2 | 4.2 | 3.7 | 26. | 26. | 26. | 8.2 |
| 31 | 7 | 1984 | 600 | B10 | 4.3 | 4.2 | 3.7 | 26. | 26. | 26. | 8.1 |
| 31 | 7 | 1984 | 600 | B11 | 4.8 | 4.8 | 4.3 | 25.5 | 25.5 | 25.5 | 8.1 |
| 31 | 7 | 1984 | 600 | B12 | 5. | 4.9 | 4.1 | 26. | 26. | 26. | 8. |
| 31 | 7 | 1984 | 1000 | B01 | 7.4 | 5.8 | 3.1 | 30.5 | 27.5 | 26. | 8.3 |
| 31 | 7 | 1984 | 1000 | B02 | 7.1 | 5.7 | 3.1 | 30. | 27.5 | 26. | 8.2 |
| 31 | 7 | 1984 | 1000 | B03 | 6.4 | 4.8 | 3.4 | 29.5 | 26.5 | 26. | 8.2 |
| 31 | 7 | 1984 | 1000 | B04 | 5.8 | 5. | 2.4 | 29.5 | 28. | 27.5 | 8.3 |
| 31 | 7 | 1984 | 1000 | B05 | 8.8 | 6.5 | 2. | 29. | 27.5 | 27. | 8.7 |
| 31 | 7 | 1984 | 1000 | B06 | 6.5 | 5.6 | 3.1 | 29. | 27. | 26. | 8.3 |
| 31 | 7 | 1984 | 1000 | B07 | 6.6 | 5.7 | 3.5 | 29.5 | 28.5 | 26.5 | 8.2 |
| 31 | 7 | 1984 | 1000 | B08 | 7. | 5.4 | 3.4 | 29.5 | 27.5 | 26. | 8.5 |
| 31 | 7 | 1984 | 1000 | B09 | 6.8 | 5.6 | 3.7 | 29. | 27. | 26. | 8.4 |
| 31 | 7 | 1984 | 1000 | B10 | 6.4 | 4.6 | 2.6 | 29. | 26. | 26. | 8.3 |
| 31 | 7 | 1984 | 1000 | B11 | 6.4 | 5.1 | 2.6 | 28.5 | 26. | 25.5 | 8.3 |
| 31 | 7 | 1984 | 1000 | B12 | 6.2 | 4.9 | 3.1 | 29. | 26. | 26. | 8.1 |
| 31 | 7 | 1984 | 1400 | B01 | 9.1 | 7.9 | 2.2 | 34. | 29. | 26. | 8.4 |
| 31 | 7 | 1984 | 1400 | B02 | 8.7 | 6.3 | 3.4 | 33.5 | 27.5 | 26. | 8.3 |
| 31 | 7 | 1984 | 1400 | B03 | 9.6 | 7. | 2.4 | 33.5 | 28.5 | 26. | 8.6 |
| 31 | 7 | 1984 | 1400 | B04 | 8.9 | 8. | 4.1 | 33. | 31. | 28. | 8.5 |
| 31 | 7 | 1984 | 1400 | B05 | 12.5 | 11.8 | 2. | 33.5 | 30.5 | 27. | 9. |
| 31 | 7 | 1984 | 1400 | B06 | 8.2 | 6.2 | 2.5 | 33. | 29. | 26.5 | 8.4 |
| 31 | 7 | 1984 | 1400 | B07 | 8.3 | 7.3 | 4. | 34. | 29.5 | 27. | 8.5 |
| 31 | 7 | 1984 | 1400 | B08 | 8.7 | 6.6 | 3.1 | 35. | 28. | 26. | 8.5 |
| 31 | 7 | 1984 | 1400 | B09 | 8.8 | 6.7 | 3.6 | 34. | 29. | 26. | 8.6 |
| 31 | 7 | 1984 | 1400 | B10 | 8.3 | 5.8 | 3. | 35. | 27. | 26. | 8.5 |
| 31 | 7 | 1984 | 1400 | B11 | 8. | 5.8 | 2.7 | 34. | 27. | 25.5 | 8.3 |
| 31 | 7 | 1984 | 1400 | B12 | 7.9 | 5.1 | 2.5 | 35. | 27. | 26. | 8.4 |
| 31 | 7 | 1984 | 1800 | B01 | 7.2 | 7. | 2. | 29. | 26. | 26. | 7.9 |
| 31 | 7 | 1984 | 1800 | B02 | 7. | 6. | 3. | 29. | 29. | 26. | 8.5 |
| 31 | 7 | 1984 | 1800 | B03 | 7. | 6.5 | 2. | 29. | 28.5 | 26. | 8.5 |
| 31 | 7 | 1984 | 1800 | B04 | 6.5 | 6.5 | 2. | 29.5 | 29. | 28. | 8.5 |
| 31 | 7 | 1984 | 1800 | B05 | 7.8 | 7.5 | 2. | 30. | 28. | 28. | 9.1 |
| 31 | 7 | 1984 | 1800 | B06 | 6.2 | 6. | 2. | 29.5 | 29. | 29. | 8.5 |
| 31 | 7 | 1984 | 1800 | B07 | 7. | 7. | 2. | 29. | 28. | 27. | 8.5 |
| 31 | 7 | 1984 | 1800 | B08 | 7. | 6.5 | 3. | 29. | 28. | 26. | 8.7 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 7 | 1984 | 1800 | B09 | 7. | 6.5 | 4. | 29. | 28.5 | 26. | 8.7 |
| 31 | 7 | 1984 | 1800 | B10 | 6.5 | 6. | 2. | 28. | 25.5 | 25. | 8.5 |
| 31 | 7 | 1984 | 1800 | B11 | 7. | 5.5 | 2. | 29. | 28.5 | 25. | 8.5 |
| 31 | 7 | 1984 | 1800 | B12 | 6.4 | 5.7 | 1.4 | 29. | 27. | 26. | 8.4 |
| 31 | 7 | 1984 | 2200 | B01 | 6.5 | 6.5 | 1.5 | 28. | 27. | 26. | 8.4 |
| 31 | 7 | 1984 | 2200 | B02 | 6.5 | 6.5 | 2.5 | 28. | 26. | 26. | 8.4 |
| 31 | 7 | 1984 | 2200 | B03 | 6.4 | 6.2 | 2.5 | 28. | 27. | 25. | 8.5 |
| 31 | 7 | 1984 | 2200 | B04 | 5.4 | 5.4 | 2. | 29. | 27.5 | 27.5 | 8.5 |
| 31 | 7 | 1984 | 2200 | B05 | 6.5 | 6.5 | 1. | 28.5 | 27. | 27. | 8.9 |
| 31 | 7 | 1984 | 2200 | B06 | 6.2 | 6.2 | 1.5 | 28.5 | 28. | 26. | 8.5 |
| 31 | 7 | 1984 | 2200 | B07 | 6.5 | 6. | 4.5 | 28.5 | 28.5 | 27. | 8.5 |
| 31 | 7 | 1984 | 2200 | B08 | 6. | 6. | 4.5 | 28. | 27. | 26. | 8.4 |
| 31 | 7 | 1984 | 2200 | B09 | 6.5 | 6.5 | 2.5 | 28. | 26.5 | 26. | 8.6 |
| 31 | 7 | 1984 | 2200 | B10 | 5. | 4.5 | 1.5 | 27.5 | 27.5 | 25. | 8.5 |
| 31 | 7 | 1984 | 2200 | B11 | 6.5 | 6. | 2. | 27.5 | 26. | 25.5 | 8.5 |
| 31 | 7 | 1984 | 2200 | B12 | 6.2 | 5. | 1.5 | 27.5 | 26. | 25.5 | 8.4 |
| 1 | 8 | 1984 | 200 | B01 | 6. | 6. | 2. | 27. | 26.5 | 26. | 8.3 |
| 1 | 8 | 1984 | 200 | B02 | 5. | 4.8 | 2. | 27. | 26. | 26. | 8.3 |
| 1 | 8 | 1984 | 200 | B03 | 4.8 | 4.8 | 2. | 27. | 26. | 26. | 8.3 |
| 1 | 8 | 1984 | 200 | B04 | 4.5 | 4.5 | 1.5 | 28. | 28. | 27. | 8.2 |
| 1 | 8 | 1984 | 200 | B05 | 4.8 | 4.5 | 0.5 | 28. | 28. | 28. | 8.9 |
| 1 | 8 | 1984 | 200 | B06 | 6. | 5. | 1. | 27.5 | 27.5 | 26.5 | 8.4 |
| 1 | 8 | 1984 | 200 | B07 | 5.5 | 5.5 | 1.8 | 27. | 26.5 | 26.5 | 8.1 |
| 1 | 8 | 1984 | 200 | B08 | 5.5 | 5.5 | 1. | 27. | 26.5 | 26. | 8.2 |
| 1 | 8 | 1984 | 200 | B09 | 6. | 6. | 3. | 27. | 26. | 26. | 8.5 |
| 1 | 8 | 1984 | 200 | B10 | 5.5 | 5. | 1. | 26.5 | 26.5 | 25.5 | 8.4 |
| 1 | 8 | 1984 | 200 | B11 | 6.4 | 6. | 1.5 | 26.5 | 26.5 | 25.5 | 8.4 |
| 1 | 8 | 1984 | 200 | B12 | 5.8 | 4.5 | 1.5 | 26.5 | 26. | 25.5 | 8.3 |
| 1 | 8 | 1984 | 600 | B01 | 5.3 | 4.9 | 1.4 | 26.5 | 26.5 | 26.5 | 7.9 |
| 1 | 8 | 1984 | 600 | B02 | 5.3 | 5. | 3. | 26.5 | 26.5 | 26.5 | 8. |
| 1 | 8 | 1984 | 600 | B03 | 5. | 5. | 3.6 | 26.5 | 26.5 | 26.5 | 8. |
| 1 | 8 | 1984 | 600 | B04 | 2.9 | 2.9 | 2.7 | 27.5 | 27.5 | 27.5 | 8.1 |
| 1 | 8 | 1984 | 600 | B05 | 3.5 | 3.3 | 3.1 | 27. | 27. | 27. | 8.4 |
| 1 | 8 | 1984 | 600 | B06 | 5.2 | 5.1 | 3.7 | 26.5 | 26.5 | 26.5 | 8.1 |
| 1 | 8 | 1984 | 600 | B07 | 4.8 | 4.7 | 3.5 | 27. | 27. | 27. | 7.9 |
| 1 | 8 | 1984 | 600 | B08 | 4.5 | 4.4 | 3.4 | 26.5 | 26.5 | 26.5 | 8. |
| 1 | 8 | 1984 | 600 | B09 | 5.2 | 5.2 | 4.8 | 26.5 | 26.5 | 26.5 | 8.3 |
| 1 | 8 | 1984 | 600 | B10 | 4.8 | 4.8 | 3.8 | 26. | 26. | 26. | 8.1 |
| 1 | 8 | 1984 | 600 | B11 | 5.8 | 5.7 | 1.1 | 26. | 26. | 26. | 8.2 |
| 1 | 8 | 1984 | 600 | B12 | 5.4 | 5.4 | 1.5 | 26. | 26. | 26. | 8.2 |
| 28 | 8 | 1984 | 600 | B01 | 5.3 | 5.2 | 4.7 | 25. | 25. | 25.5 | 8.1 |
| 28 | 8 | 1984 | 600 | B02 | 5.4 | 5. | 4.5 | 25. | 25. | 25. | 8.2 |
| 28 | 8 | 1984 | 600 | B03 | 5.1 | 5.1 | 4.8 | 25.5 | 25.5 | 25.5 | 8.2 |
| 28 | 8 | 1984 | 600 | B04 | 4.5 | 4.4 | 4.3 | 26. | 26. | 26. | 8.5 |
| 28 | 8 | 1984 | 600 | B05 | 2.8 | 2.8 | 2.7 | 26.5 | 26.5 | 26.5 | 8. |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 8 | 1984 | 600 | B06 | 4.8 | 4.7 | 4.6 | 26. | 26. | 26. | 8.2 |
| 28 | 8 | 1984 | 600 | B07 | 5.2 | 5.2 | 5. | 25.5 | 25.5 | 25.5 | 8.3 |
| 28 | 8 | 1984 | 600 | B08 | 4.8 | 4.7 | 4.6 | 25.5 | 25.5 | 25.5 | 8. |
| 28 | 8 | 1984 | 600 | B09 | 4.4 | 4.3 | 4.2 | 25.5 | 25.5 | 25.5 | 8.3 |
| 28 | 8 | 1984 | 600 | B10 | 5.2 | 5.1 | 4.9 | 25. | 25. | 25. | 8.2 |
| 28 | 8 | 1984 | 600 | B11 | 5.2 | 5. | 1.6 | 25.5 | 25.5 | 25.5 | 8.1 |
| 28 | 8 | 1984 | 600 | B12 | 5.1 | 5. | 1.4 | 25.5 | 25.5 | 25.5 | 8. |
| 28 | 8 | 1984 | 1000 | B01 | 6.6 | 6. | 3.7 | 27. | 26. | 25.5 | 8.5 |
| 28 | 8 | 1984 | 1000 | B02 | 6.3 | 5.8 | 4.6 | 26.5 | 26. | 25. | 8.3 |
| 28 | 8 | 1984 | 1000 | B03 | 6. | 5.4 | 4.5 | 27. | 26. | 25.5 | 8.4 |
| 28 | 8 | 1984 | 1000 | B04 | 6.3 | 6. | 3.2 | 27.5 | 27.5 | 26.5 | 8.7 |
| 28 | 8 | 1984 | 1000 | B05 | 4.6 | 3.7 | 1.5 | 27.5 | 27. | 26.5 | 8.4 |
| 28 | 8 | 1984 | 1000 | B06 | 5.5 | 4.9 | 3.6 | 27. | 26.5 | 26. | 8.4 |
| 28 | 8 | 1984 | 1000 | B07 | 6.95 | 6.8 | 5.4 | 27.5 | 27. | 26. | 8.5 |
| 28 | 8 | 1984 | 1000 | B08 | 6.45 | 6. | 4.3 | 27.5 | 27. | 25.5 | 8.3 |
| 28 | 8 | 1984 | 1000 | B09 | 6.1 | 4.5 | 3.4 | 27.5 | 26.5 | 25.5 | 8.4 |
| 28 | 8 | 1984 | 1000 | B10 | 6.2 | 5.5 | 4.1 | 27.5 | 26.5 | 25.5 | 8.4 |
| 28 | 8 | 1984 | 1000 | B11 | 6.15 | 5.2 | 3.55 | 27.5 | 27.5 | 25.5 | 8.2 |
| 28 | 8 | 1984 | 1000 | B12 | 6.35 | 4.9 | 2.6 | 27.5 | 27. | 25.5 | 8.3 |
| 28 | 8 | 1984 | 1400 | B01 | 8.3 | 6.5 | 3.5 | 29.5 | 28. | 25.5 | 8.7 |
| 28 | 8 | 1984 | 1400 | B02 | 7.4 | 5.4 | 4.3 | 29.5 | 27. | 25. | 8.5 |
| 28 | 8 | 1984 | 1400 | B03 | 7.35 | 5.4 | 3.9 | 29. | 27.5 | 25.5 | 8.6 |
| 28 | 8 | 1984 | 1400 | B04 | 9.2 | 8.7 | 2.5 | 30. | 29.5 | 26.5 | 9. |
| 28 | 8 | 1984 | 1400 | B05 | 7.9 | 5.7 | 1.3 | 30.5 | 28.5 | 27. | 8.7 |
| 28 | 8 | 1984 | 1400 | B06 | 7.6 | 5.1 | 2.2 | 30. | 28.5 | 26. | 8.7 |
| 28 | 8 | 1984 | 1400 | B07 | 8.5 | 7.2 | 3.9 | 30. | 29. | 26. | 8.8 |
| 28 | 8 | 1984 | 1400 | B08 | 7.8 | 5.8 | 3.2 | 30. | 29.5 | 25.5 | 8.5 |
| 28 | 8 | 1984 | 1400 | B09 | 8. | 4.6 | 3.1 | 30. | 29. | 26. | 8.7 |
| 28 | 8 | 1984 | 1400 | B10 | 7.5 | 4.7 | 3.2 | 31. | 27. | 25.5 | 8.6 |
| 28 | 8 | 1984 | 1400 | B11 | 7.4 | 5.6 | 3.05 | 31. | 27.5 | 25.5 | 8.5 |
| 28 | 8 | 1984 | 1400 | B12 | 7.7 | 6.6 | 2.2 | 30. | 27. | 26. | 8.6 |
| 28 | 8 | 1984 | 1800 | B01 | 6.5 | 6. | 5.5 | 28. | 28. | 27. | 8.7 |
| 28 | 8 | 1984 | 1800 | B02 | 5. | 5. | 4. | 29. | 28. | 26. | 8.6 |
| 28 | 8 | 1984 | 1800 | B03 | 5. | 5. | 4.5 | 25. | 25. | 25. | 8.55 |
| 28 | 8 | 1984 | 1800 | B04 | 4. | 4. | 3. | 27. | 27. | 26.5 | 8.95 |
| 28 | 8 | 1984 | 1800 | B05 | 7. | 6. | 4. | 29. | 29. | 28. | 8.55 |
| 28 | 8 | 1984 | 1800 | B06 | 4. | 4. | 2.5 | 28. | 28. | 26. | 8.7 |
| 28 | 8 | 1984 | 1800 | B07 | 5. | 5. | 4. | 28. | 28. | 27. | 8.7 |
| 28 | 8 | 1984 | 1800 | B08 | 8. | 7. | 6. | 27. | 27. | 26. | 8.5 |
| 28 | 8 | 1984 | 1800 | B09 | 8. | 7.5 | 6. | 29. | 29. | 29. | 8.6 |
| 28 | 8 | 1984 | 1800 | B10 | 7. | 7. | 6. | 29. | 29. | 28.5 | 8.5 |
| 28 | 8 | 1984 | 1800 | B11 | 7. | 5. | 4. | 28. | 27. | 26. | 8.4 |
| 28 | 8 | 1984 | 1800 | B12 | 4. | 3.5 | 3. | 30. | 28. | 26. | 8.45 |
| 28 | 8 | 1984 | 2200 | B01 | 4.5 | 4. | 3.5 | 25.5 | 25. | 24. | 8.45 |
| 28 | 8 | 1984 | 2200 | B02 | 3.5 | 3.5 | 2.5 | 26. | 26. | 24. | 8.4 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 8 | 1984 | 2200 | B03 | 3. | 3. | 2. | 23. | 25. | 24. | 8.4 |
| 28 | 8 | 1984 | 2200 | B04 | 2.5 | 2. | 1. | 27. | 26.5 | 25. | 8.8 |
| 28 | 8 | 1984 | 2200 | B05 | 4.1 | 3.5 | 3. | 27.5 | 27.5 | 26. | 8.25 |
| 28 | 8 | 1984 | 2200 | B06 | 4.5 | 4.4 | 4. | 26. | 26. | 24.5 | 8.5 |
| 28 | 8 | 1984 | 2200 | B07 | 4.5 | 4.5 | 3.5 | 26. | 26. | 24. | 8.55 |
| 28 | 8 | 1984 | 2200 | B08 | 2.5 | 2. | 2. | 25. | 25. | 23.5 | 8.3 |
| 28 | 8 | 1984 | 2200 | B09 | 5. | 4. | 4. | 26. | 26. | 25. | 8.45 |
| 28 | 8 | 1984 | 2200 | B10 | 3. | 3. | 2. | 27. | 27. | 26.5 | 8.45 |
| 28 | 8 | 1984 | 2200 | B11 | 2.5 | 2. | 1.5 | 27. | 26. | 25. | 8.35 |
| 28 | 8 | 1984 | 2200 | B12 | 7. | 6. | 1. | 27. | 27. | 25.5 | 8.35 |
| 29 | 8 | 1984 | 200 | B01 | 3.2 | 3. | 2.5 | 23. | 23. | 22.5 | 8.3 |
| 29 | 8 | 1984 | 200 | B02 | 4.5 | 4. | 3.5 | 23.5 | 23. | 23. | 8.3 |
| 29 | 8 | 1984 | 200 | B03 | 4.5 | 4.5 | 2. | 24. | 24. | 23.5 | 8.35 |
| 29 | 8 | 1984 | 200 | B04 | 2.5 | 2. | 1.5 | 24.5 | 24. | 24. | 8.7 |
| 29 | 8 | 1984 | 200 | B05 | 3. | 3. | 2.5 | 25. | 25. | 24.5 | 8.1 |
| 29 | 8 | 1984 | 200 | B06 | 4. | 4. | 3. | 25. | 23. | 24. | 8.4 |
| 29 | 8 | 1984 | 200 | B07 | 5. | 5. | 2.5 | 25.5 | 25.5 | 25. | 8.45 |
| 29 | 8 | 1984 | 200 | B08 | 5.5 | 5. | 2.5 | 26. | 26. | 25. | 8.2 |
| 29 | 8 | 1984 | 200 | B09 | 6.5 | 6. | 4.5 | 26. | 25.5 | 25. | 8.4 |
| 29 | 8 | 1984 | 200 | B10 | 4.5 | 4. | 3. | 22. | 22. | 22. | 8.4 |
| 29 | 8 | 1984 | 200 | B11 | 2. | 2. | 1.5 | 23. | 23. | 23. | 8.25 |
| 29 | 8 | 1984 | 200 | B12 | 5.5 | 5.5 | 0.8 | 26. | 26. | 25. | 8.25 |
| 29 | 8 | 1984 | 600 | B01 | 5.1 | 4.9 | 4.1 | 25. | 25. | 25. | 8.2 |
| 29 | 8 | 1984 | 600 | B02 | 5.6 | 5.6 | 5.4 | 25. | 25. | 25. | 8.3 |
| 29 | 8 | 1984 | 600 | B03 | 5.2 | 5.15 | 5.2 | 25.5 | 25.5 | 25.5 | 8.4 |
| 29 | 8 | 1984 | 600 | B04 | 4.65 | 4.6 | 4.6 | 26. | 26. | 26. | 8.6 |
| 29 | 8 | 1984 | 600 | B05 | 3. | 2.9 | 2.9 | 26. | 26. | 26. | 8. |
| 29 | 8 | 1984 | 600 | B06 | 4.5 | 4.3 | 4.2 | 26. | 26. | 26. | 8.3 |
| 29 | 8 | 1984 | 600 | B07 | 5.3 | 5.2 | 5. | 25.5 | 25.5 | 25.5 | 8.4 |
| 29 | 8 | 1984 | 600 | B08 | 4.9 | 4.85 | 4.75 | 25. | 25. | 25. | 8.1 |
| 29 | 8 | 1984 | 600 | B09 | 4.7 | 4.6 | 4.75 | 25.5 | 25.5 | 25.5 | 8.3 |
| 29 | 8 | 1984 | 600 | B10 | 4.9 | 4.9 | 4. | 25. | 25. | 25. | 8.3 |
| 29 | 8 | 1984 | 600 | B11 | 5.1 | 5.05 | 5. | 25. | 25. | 25. | 8.1 |
| 29 | 8 | 1984 | 600 | B12 | 4.8 | 4.7 | 2.4 | 25.5 | 25.5 | 25.5 | 8. |
| 25 | 9 | 1984 | 600 | B01 | 5.1 | 5.1 | 4.8 | 26. | 26. | 26. | 7.9 |
| 25 | 9 | 1984 | 600 | B02 | 5.4 | 5.45 | 5.4 | 26. | 26. | 26. | 8.1 |
| 25 | 9 | 1984 | 600 | B03 | 4.7 | 4.7 | 4.9 | 26. | 26. | 26. | 8. |
| 25 | 9 | 1984 | 600 | B04 | 3.9 | 3.8 | 3.6 | 27. | 27. | 27. | 8.55 |
| 25 | 9 | 1984 | 600 | B05 | 3.3 | 3.3 | 3.1 | 27. | 27. | 27. | 8.25 |
| 25 | 9 | 1984 | 600 | B06 | 5.5 | 5.4 | 4.8 | 25. | 25. | 25. | 8.1 |
| 25 | 9 | 1984 | 600 | B07 | 5.1 | 5. | 4.8 | 26. | 26. | 26. | 8.05 |
| 25 | 9 | 1984 | 600 | B08 | 4.5 | 4.4 | 4.3 | 26. | 26. | 26. | 7.95 |
| 25 | 9 | 1984 | 600 | B09 | 4.4 | 4.3 | 4.3 | 26. | 26. | 26. | 8.15 |
| 25 | 9 | 1984 | 600 | B10 | 5.1 | 5.1 | 5. | 25.5 | 25.5 | 25.5 | 8.25 |
| 25 | 9 | 1984 | 600 | B11 | 5.4 | 5.3 | 5.5 | 25.5 | 25.5 | 25.5 | 8.15 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 9 | 1984 | 600 | B12 | 5.3 | 5.3 | 5.3 | 24. | 24. | 24. | 7.95 |
| 25 | 9 | 1984 | 1000 | B01 | 6.3 | 5. | 3.5 | 28. | 26.5 | 26. | 8. |
| 25 | 9 | 1984 | 1000 | B02 | 5.6 | 5.1 | 4. | 27. | 26. | 26. | 8.2 |
| 25 | 9 | 1984 | 1000 | B03 | 4.6 | 4.4 | 4.2 | 27. | 26. | 26. | 8.1 |
| 25 | 9 | 1984 | 1000 | B04 | 5.8 | 4.1 | 2.4 | 28. | 27. | 27. | 8.65 |
| 25 | 9 | 1984 | 1000 | B05 | 6.6 | 2.7 | 1.2 | 28.5 | 27. | 27. | 8.45 |
| 25 | 9 | 1984 | 1000 | B06 | 6.2 | 4.9 | 4.1 | 28. | 26. | 25.5 | 8.15 |
| 25 | 9 | 1984 | 1000 | B07 | 5.4 | 4.6 | 3.4 | 27. | 26. | 26. | 8.1 |
| 25 | 9 | 1984 | 1000 | B08 | 5. | 4.1 | 3.2 | 27. | 26. | 26. | 7.95 |
| 25 | 9 | 1984 | 1000 | B09 | 6.1 | 4.2 | 2.9 | 27.5 | 26.5 | 26. | 8.3 |
| 25 | 9 | 1984 | 1000 | B10 | 5.4 | 4.9 | 3.8 | 26.5 | 26. | 25.5 | 8.35 |
| 25 | 9 | 1984 | 1000 | B11 | 4.7 | 4.6 | 4.5 | 26. | 25.5 | 25.5 | 8.15 |
| 25 | 9 | 1984 | 1000 | B12 | 4.8 | 4.7 | 4.5 | 24.5 | 24. | 24. | 7.95 |
| 25 | 9 | 1984 | 1400 | B01 | 6.4 | 4.9 | 2.8 | 29. | 27. | 26. | 8.2 |
| 25 | 9 | 1984 | 1400 | B02 | 6.2 | 5. | 2.8 | 28. | 28. | 26. | 8.25 |
| 25 | 9 | 1984 | 1400 | B03 | 5.7 | 5.4 | 3.1 | 28. | 28. | 26. | 8.25 |
| 25 | 9 | 1984 | 1400 | B04 | 6.2 | 6.1 | 2.2 | 28.5 | 28.5 | 27. | 8.8 |
| 25 | 9 | 1984 | 1400 | B05 | 6.1 | 3.8 | 1.2 | 28.5 | 27.5 | 27. | 8.7 |
| 25 | 9 | 1984 | 1400 | B06 | 5.3 | 4.4 | 3.5 | 27.5 | 27. | 26. | 8.2 |
| 25 | 9 | 1984 | 1400 | B07 | 6.6 | 4.5 | 2.4 | 28.5 | 27.5 | 26. | 8.45 |
| 25 | 9 | 1984 | 1400 | B08 | 6.2 | 4.4 | 3.3 | 28. | 26.5 | 26. | 8.2 |
| 25 | 9 | 1984 | 1400 | B09 | 6.1 | 5.2 | 2.3 | 28. | 28. | 26.5 | 8.5 |
| 25 | 9 | 1984 | 1400 | B10 | 5.9 | 4.5 | 3.2 | 28. | 27. | 25.5 | 8.35 |
| 25 | 9 | 1984 | 1400 | B11 | 5.8 | 5.6 | 4. | 28. | 28. | 25.5 | 8.35 |
| 25 | 9 | 1984 | 1400 | B12 | 5.2 | 5. | 3.65 | 27. | 27. | 24.5 | 7.95 |
| 25 | 9 | 1984 | 1800 | B01 | 3.5 | 5.5 | 4.5 | 25. | 25. | 24. | 8.4 |
| 25 | 9 | 1984 | 1800 | B02 | 4. | 4. | 4. | 24.5 | 24. | 23. | 8.4 |
| 25 | 9 | 1984 | 1800 | B03 | 5. | 5. | 4.5 | 26. | 25. | 24.5 | 8.3 |
| 25 | 9 | 1984 | 1800 | B04 | 4.5 | 4.5 | 4. | 26. | 25.5 | 25. | 8.8 |
| 25 | 9 | 1984 | 1800 | B05 | 5.5 | 5.5 | 5. | 25.5 | 25.5 | 25. | 8.8 |
| 25 | 9 | 1984 | 1800 | B06 | 6. | 6. | 5. | 25.5 | 25. | 24. | 8.1 |
| 25 | 9 | 1984 | 1800 | B07 | 6.5 | 6. | 5.5 | 24.5 | 24. | 23.5 | 8.4 |
| 25 | 9 | 1984 | 1800 | B08 | 6. | 6. | 5. | 24. | 24. | 23. | 8.3 |
| 25 | 9 | 1984 | 1800 | B09 | 4.5 | 4. | 5. | 23. | 23. | 22. | 8.4 |
| 25 | 9 | 1984 | 1800 | B10 | 5.5 | 5. | 4.5 | 24.5 | 24. | 23. | 8.4 |
| 25 | 9 | 1984 | 1800 | B11 | 5. | 4.5 | 3.5 | 23. | 24.5 | 24. | 8.3 |
| 25 | 9 | 1984 | 1800 | B12 | 5. | 5. | 4.5 | 26.5 | 25.5 | 25. | 7.9 |
| 25 | 9 | 1984 | 2200 | B01 | 5.5 | 5.4 | 1.7 | 27. | 27. | 27. | 8.2 |
| 25 | 9 | 1984 | 2200 | B02 | 5.6 | 5.5 | 2.3 | 26. | 26. | 26. | 8.3 |
| 25 | 9 | 1984 | 2200 | B03 | 5. | 5. | 5. | 26. | 26. | 26. | 8.2 |
| 25 | 9 | 1984 | 2200 | B04 | 4.8 | 4.7 | 4.7 | 27. | 27. | 27. | 8.7 |
| 25 | 9 | 1984 | 2200 | B05 | 4.2 | 4.2 | 4. | 27. | 27. | 27. | 8.4 |
| 25 | 9 | 1984 | 2200 | B06 | 4.8 | 4.7 | 2. | 26. | 26. | 26. | 8.2 |
| 25 | 9 | 1984 | 2200 | B07 | 4.9 | 4.9 | 1.8 | 27. | 27. | 27. | 8.3 |
| 25 | 9 | 1984 | 2200 | B08 | 5. | 4.9 | 4.7 | 26. | 26. | 26. | 8.1 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | PONDA | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 9 | 1984 | 2200 | B09 | 4.3 | 4.2 | 2.9 | 26. | 26. | 26. | 8.4 |
| 25 | 9 | 1984 | 2200 | B10 | 5.3 | 3.9 | 2.2 | 26. | 26. | 26. | 8.4 |
| 25 | 9 | 1984 | 2200 | B11 | 5.3 | 5.3 | 5.3 | 26. | 26. | 26. | 8.4 |
| 25 | 9 | 1984 | 2200 | B12 | 5.1 | 5. | 3.1 | 25. | 25. | 24. | 7.9 |
| 26 | 9 | 1984 | 200 | B01 | 5. | 5. | 1.5 | 28. | 28. | 27.5 | 8.2 |
| 26 | 9 | 1984 | 200 | B02 | 5.5 | 5. | 1.5 | 27. | 27. | 27. | 8.3 |
| 26 | 9 | 1984 | 200 | B03 | 6. | 4.5 | 1. | 26. | 25.5 | 25. | 8.2 |
| 26 | 9 | 1984 | 200 | B04 | 5.8 | 5. | 1.5 | 28.5 | 28.5 | 27.5 | 8.7 |
| 26 | 9 | 1984 | 200 | B05 | 6. | 4. | 1.5 | 28. | 27. | 26.5 | 8.3 |
| 26 | 9 | 1984 | 200 | B06 | 6.5 | 6. | 1. | 27.2 | 27. | 27. | 8.1 |
| 26 | 9 | 1984 | 200 | B07 | 5.5 | 5. | 2. | 29. | 29. | 28. | 8.4 |
| 26 | 9 | 1984 | 200 | B08 | 4.5 | 4. | 2.5 | 27. | 27. | 27. | 8.2 |
| 26 | 9 | 1984 | 200 | B09 | 5.4 | 5. | 1.5 | 29. | 28. | 27. | 8.4 |
| 26 | 9 | 1984 | 200 | B10 | 3. | 3. | 1.5 | 28. | 28. | 27.5 | 8.4 |
| 26 | 9 | 1984 | 200 | B11 | 4. | 3. | 1. | 28.5 | 28. | 27. | 8.3 |
| 26 | 9 | 1984 | 200 | B12 | 5. | 3. | 1. | 26. | 25.2 | 25. | 7.9 |
| 26 | 9 | 1984 | 600 | B01 | 4.25 | 4.2 | 4.1 | 25. | 25. | 25. | 7.95 |
| 26 | 9 | 1984 | 600 | B02 | 4.7 | 4.65 | 4.55 | 25. | 25. | 25. | 8. |
| 26 | 9 | 1984 | 600 | B03 | 4.3 | 4.25 | 4.2 | 25. | 25. | 25. | 8. |
| 26 | 9 | 1984 | 600 | B04 | 2.95 | 2.9 | 2.8 | 26. | 26. | 26. | 8.4 |
| 26 | 9 | 1984 | 600 | B05 | 2.3 | 1.8 | 1.7 | 26. | 26. | 26. | 8.1 |
| 26 | 9 | 1984 | 600 | B06 | 4.1 | 4. | 3.9 | 25. | 25. | 25. | 7.9 |
| 26 | 9 | 1984 | 600 | B07 | 4.3 | 4.3 | 4. | 25. | 25. | 25. | 7.95 |
| 26 | 9 | 1984 | 600 | B08 | 4.1 | 4.1 | 3.9 | 25. | 25. | 25. | 7.85 |
| 26 | 9 | 1984 | 600 | B09 | 3.65 | 3.6 | 3.6 | 25. | 25. | 25. | 7.95 |
| 26 | 9 | 1984 | 600 | B10 | 4.6 | 4.6 | 4.6 | 24.5 | 24.5 | 24.5 | 8.05 |
| 26 | 9 | 1984 | 600 | B11 | 4.9 | 4.9 | 4.9 | 25. | 25. | 25. | 8. |
| 26 | 9 | 1984 | 600 | B12 | 3.5 | 3.5 | 3.4 | 24. | 24. | 24. | 7.7 |
| 23 | 10 | 1984 | 600 | B01 | 5. | 4.9 | 1.9 | 25. | 25. | 25. | 8.1 |
| 23 | 10 | 1984 | 600 | B02 | 4.5 | 4.5 | 4. | 25. | 24.5 | 24.5 | 8.2 |
| 23 | 10 | 1984 | 600 | B03 | 4.2 | 4.2 | 4.2 | 25. | 25. | 25. | 8.05 |
| 23 | 10 | 1984 | 600 | B04 | 4. | 4. | 3.7 | 26. | 26. | 26. | 8.55 |
| 23 | 10 | 1984 | 600 | B05 | 2.3 | 2.5 | 2.3 | 26. | 26. | 26. | 8.1 |
| 23 | 10 | 1984 | 600 | B06 | 4.2 | 4.2 | 4.2 | 25. | 26.5 | 25. | 8.2 |
| 23 | 10 | 1984 | 600 | B07 | 4.8 | 4.8 | 3.5 | 25. | 25. | 25. | 8.25 |
| 23 | 10 | 1984 | 600 | B08 | 4. | 4. | 3.8 | 25. | 25. | 25. | 8.15 |
| 23 | 10 | 1984 | 600 | B09 | 3. | 2.5 | 2.5 | 25. | 25. | 25. | 8.15 |
| 23 | 10 | 1984 | 600 | B10 | 3.5 | 3. | 0.5 | 24. | 24.5 | 24.5 | 8.3 |
| 23 | 10 | 1984 | 600 | B11 | 4.7 | 4.5 | 4. | 25. | 24.5 | 24.5 | 8.15 |
| 23 | 10 | 1984 | 600 | B12 | 3.5 | 3.5 | 1. | 25. | 25. | 24. | 7.7 |
| 23 | 10 | 1984 | 1000 | B01 | 6.2 | 4.8 | 2.8 | 26.5 | 25.5 | 25. | 8.4 |
| 23 | 10 | 1984 | 1000 | B02 | 5.8 | 4.5 | 3.4 | 26. | 25. | 24.5 | 8.2 |
| 23 | 10 | 1984 | 1000 | B03 | 5.5 | 4.3 | 3.5 | 26.5 | 25.5 | 25. | 8.3 |
| 23 | 10 | 1984 | 1000 | B04 | 5.8 | 4.5 | 2.5 | 27.5 | 27. | 26. | 8.7 |
| 23 | 10 | 1984 | 1000 | B05 | 5. | 4. | 1.2 | 28. | 27. | 26. | 8.3 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 10 | 1984 | 1000 | B06 | 5.8 | 4.8 | 2.8 | 26.5 | 26. | 25. | 8.2 |
| 23 | 10 | 1984 | 1000 | B07 | 7. | 5.6 | 3. | 28. | 27. | 25. | 8.5 |
| 23 | 10 | 1984 | 1000 | B08 | 6. | 4.4 | 3.4 | 26.5 | 25.5 | 24.5 | 8.2 |
| 23 | 10 | 1984 | 1000 | B09 | 5.4 | 3.2 | 2.2 | 28. | 25.5 | 25. | 8.2 |
| 23 | 10 | 1984 | 1000 | B10 | 5.5 | 4.2 | 2.5 | 27. | 25. | 24.5 | 8.4 |
| 23 | 10 | 1984 | 1000 | B11 | 6.2 | 5. | 3.5 | 28. | 26. | 25. | 8.2 |
| 23 | 10 | 1984 | 1000 | B12 | 4.5 | 4.5 | 2.8 | 28.5 | 25. | 25. | 7.9 |
| 23 | 10 | 1984 | 1400 | B01 | 7.6 | 5.5 | 2.4 | 29. | 27. | 25. | 8.6 |
| 23 | 10 | 1984 | 1400 | B02 | 6.8 | 6.5 | 3. | 30. | 27. | 25. | 8.3 |
| 23 | 10 | 1984 | 1400 | B03 | 6.2 | 4.5 | 3. | 29. | 26.5 | 25. | 8.4 |
| 23 | 10 | 1984 | 1400 | B04 | 8.2 | 6.6 | 2.2 | 30.5 | 29. | 26.5 | 8.6 |
| 23 | 10 | 1984 | 1400 | B05 | 8. | 4.8 | 0.2 | 30. | 28. | 26.5 | 8.5 |
| 23 | 10 | 1984 | 1400 | B06 | 8. | 6. | 3. | 30.5 | 28. | 25. | 8.4 |
| 23 | 10 | 1984 | 1400 | B07 | 8. | 6.4 | 2. | 31. | 28. | 25. | 8.6 |
| 23 | 10 | 1984 | 1400 | B08 | 7.9 | 4. | 2.5 | 31. | 27. | 25. | 8.49 |
| 23 | 10 | 1984 | 1400 | B09 | 8.2 | 3.5 | 2. | 31. | 27. | 25. | 8.4 |
| 23 | 10 | 1984 | 1400 | B10 | 5.2 | 4. | 2.2 | 31. | 26. | 25. | 8.5 |
| 23 | 10 | 1984 | 1400 | B11 | 7.8 | 5. | 2.5 | 31. | 27. | 25. | 8.5 |
| 23 | 10 | 1984 | 1400 | B12 | 4.5 | 3.5 | 2. | 29.5 | 27. | 25. | 8.1 |
| 23 | 10 | 1984 | 1800 | B01 | 6.5 | 5. | 4.5 | 28.5 | 28. | 25. | 8.4 |
| 23 | 10 | 1984 | 1800 | B02 | 6.5 | 5.5 | 2.4 | 29.5 | 28. | 25. | 8.4 |
| 23 | 10 | 1984 | 1800 | B03 | 6.5 | 6. | 3.5 | 29. | 28. | 25. | 8.3 |
| 23 | 10 | 1984 | 1800 | B04 | 6.5 | 6. | 1.5 | 28. | 28. | 27. | 8.4 |
| 23 | 10 | 1984 | 1800 | B05 | 6.5 | 4. | 3.5 | 28.5 | 27. | 25. | 8.6 |
| 23 | 10 | 1984 | 1800 | B06 | 6.5 | 5.5 | 1.7 | 29. | 28. | 25.5 | 8.4 |
| 23 | 10 | 1984 | 1800 | B07 | 6.5 | 4.5 | 3.7 | 30.1 | 29.5 | 23. | 8.6 |
| 23 | 10 | 1984 | 1800 | B08 | 6.7 | 5. | 2.5 | 28.3 | 28. | 25.5 | 8.4 |
| 23 | 10 | 1984 | 1800 | B09 | 6. | 4.5 | 2. | 29.5 | 27. | 25.3 | 8.4 |
| 23 | 10 | 1984 | 1800 | B10 | 6. | 4. | 2. | 29. | 26. | 25.3 | 8.4 |
| 23 | 10 | 1984 | 1800 | B11 | 6.6 | 4.6 | 2.1 | 28.5 | 27. | 25. | 8.4 |
| 23 | 10 | 1984 | 1800 | B12 | 6.7 | 3. | 1.3 | 29.5 | 27. | 25. | 8.3 |
| 23 | 10 | 1984 | 2200 | B01 | 6.4 | 6. | 2.5 | 28. | 28. | 25. | 8.3 |
| 23 | 10 | 1984 | 2200 | B02 | 5.4 | 4.5 | 2. | 28.5 | 28. | 26. | 8.3 |
| 23 | 10 | 1984 | 2200 | B03 | 6.5 | 6. | 1.5 | 29. | 28. | 26. | 8.2 |
| 23 | 10 | 1984 | 2200 | B04 | 6.8 | 6.5 | 2.5 | 27.5 | 27.5 | 25. | 8.3 |
| 23 | 10 | 1984 | 2200 | B05 | 6.2 | 6. | 2. | 26.5 | 25. | 24.5 | 8.5 |
| 23 | 10 | 1984 | 2200 | B06 | 6. | 5.4 | 1.5 | 27. | 27. | 25.5 | 8.3 |
| 23 | 10 | 1984 | 2200 | B07 | 5. | 4. | 2. | 28. | 27.7 | 26. | 8.5 |
| 23 | 10 | 1984 | 2200 | B08 | 6.5 | 4. | 2.5 | 28. | 27. | 25.5 | 8.2 |
| 23 | 10 | 1984 | 2200 | B09 | 6. | 5.5 | 2. | 28.5 | 28. | 25. | 8.2 |
| 23 | 10 | 1984 | 2200 | B10 | 6.2 | 6. | 1. | 28. | 28. | 25. | 8.3 |
| 23 | 10 | 1984 | 2200 | B11 | 5. | 5. | 2. | 27. | 26. | 25. | 8.3 |
| 23 | 10 | 1984 | 2200 | B12 | 5.5 | 5. | 2. | 28.5 | 27. | 27. | 8.2 |
| 24 | 10 | 1984 | 200 | B01 | 6.5 | 4.5 | 1.5 | 27.5 | 27. | 26. | 8.2 |
| 24 | 10 | 1984 | 200 | B02 | 4.5 | 4. | 1. | 27. | 26. | 25.5 | 8.2 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 10 | 1984 | 200 | B03 | 5. | 5. | 2. | 26.5 | 26. | 26. | 8.1 |
| 24 | 10 | 1984 | 200 | B04 | 5.8 | 4.7 | 2.5 | 27. | 27. | 25. | 8.2 |
| 24 | 10 | 1984 | 200 | B05 | 4.5 | 4. | 2. | 26. | 26. | 26. | 8.4 |
| 24 | 10 | 1984 | 200 | B06 | 5.5 | 4.5 | 1.5 | 26.5 | 26. | 26. | 8.2 |
| 24 | 10 | 1984 | 200 | B07 | 6.5 | 4. | 1. | 26.5 | 26.5 | 25. | 8.4 |
| 24 | 10 | 1984 | 200 | B08 | 4.8 | 4.5 | 1. | 27.5 | 25. | 25. | 8.1 |
| 24 | 10 | 1984 | 200 | B09 | 6. | 3.8 | 1.5 | 27.5 | 27.5 | 25.5 | 8.1 |
| 24 | 10 | 1984 | 200 | B10 | 5.8 | 4.7 | 1. | 28. | 27.5 | 26.5 | 8.2 |
| 24 | 10 | 1984 | 200 | B11 | 6. | 4. | 0.5 | 27. | 26.5 | 26. | 8.2 |
| 24 | 10 | 1984 | 200 | B12 | 6. | 3. | 1. | 26.5 | 26. | 25.5 | 8.1 |
| 24 | 10 | 1984 | 600 | B01 | 4.7 | 4.7 | 1.5 | 26. | 26. | 26. | 8. |
| 24 | 10 | 1984 | 600 | B02 | 5.1 | 5.1 | 1.9 | 25. | 26. | 26. | 8.1 |
| 24 | 10 | 1984 | 600 | B03 | 4.8 | 4.8 | 2.5 | 26. | 26. | 26. | 8. |
| 24 | 10 | 1984 | 600 | B04 | 4. | 3.8 | 3.5 | 27. | 27. | 27. | 8.5 |
| 24 | 10 | 1984 | 600 | B05 | 2.6 | 2.6 | 2.1 | 27. | 27. | 27. | 7.9 |
| 24 | 10 | 1984 | 600 | B06 | 4.5 | 4.5 | 3.5 | 26. | 26. | 26. | 8. |
| 24 | 10 | 1984 | 600 | B07 | 4.5 | 4.5 | 3.5 | 26. | 26. | 26. | 8.1 |
| 24 | 10 | 1984 | 600 | B08 | 4.7 | 4.6 | 2. | 26. | 26. | 26. | 8. |
| 24 | 10 | 1984 | 600 | B09 | 3.7 | 3.7 | 2.5 | 26. | 26. | 26. | 8.1 |
| 24 | 10 | 1984 | 600 | B10 | 4.8 | 4.8 | 0.5 | 25. | 25. | 25. | 8.2 |
| 24 | 10 | 1984 | 600 | B11 | 5.4 | 5.4 | 2.1 | 26. | 26. | 26. | 8.1 |
| 24 | 10 | 1984 | 600 | B12 | 4.2 | 4.2 | 0.6 | 25. | 26. | 26. | 8. |
| 20 | 11 | 1984 | 600 | B01 | 5.1 | 4.6 | 0.4 | 24. | 24. | 23. | 8.15 |
| 20 | 11 | 1984 | 600 | B02 | 6. | 5.5 | 1.3 | 24. | 24. | 23. | 8.4 |
| 20 | 11 | 1984 | 600 | B03 | 6.1 | 6. | 1.3 | 24. | 24. | 23. | 8.4 |
| 20 | 11 | 1984 | 600 | B04 | 5.3 | 5.3 | 0.9 | 24.5 | 24.5 | 24. | 8.7 |
| 20 | 11 | 1984 | 600 | B05 | 3.7 | 3.7 | 0.5 | 24.5 | 24.5 | 24. | 8.2 |
| 20 | 11 | 1984 | 600 | B06 | 5.9 | 5.8 | 0.9 | 24. | 24. | 23. | 8.5 |
| 20 | 11 | 1984 | 600 | B07 | 5.7 | 5.4 | 1.1 | 24. | 24. | 23. | 8.4 |
| 20 | 11 | 1984 | 600 | B08 | 6. | 5.7 | 1. | 24. | 24. | 23. | 8.5 |
| 20 | 11 | 1984 | 600 | B09 | 6.4 | 6.1 | 1. | 24. | 24. | 23.5 | 8.7 |
| 20 | 11 | 1984 | 600 | B10 | 5.9 | 5.3 | 0.3 | 24. | 24. | 23. | 8.6 |
| 20 | 11 | 1984 | 600 | B11 | 6.1 | 5.5 | 0.9 | 24. | 23.5 | 23. | 8.5 |
| 20 | 11 | 1984 | 600 | B12 | 5.8 | 4.7 | 0.6 | 24. | 24. | 23. | 8.3 |
| 20 | 11 | 1984 | 1000 | B01 | 5.8 | 4.2 | 1.1 | 25.5 | 24. | 23. | 8.35 |
| 20 | 11 | 1984 | 1000 | B02 | 6.6 | 4.3 | 1.6 | 25.5 | 23.5 | 23. | 8.5 |
| 20 | 11 | 1984 | 1000 | B03 | 6.8 | 4. | 1.3 | 25. | 24. | 23.5 | 8.65 |
| 20 | 11 | 1984 | 1000 | B04 | 7.6 | 4.8 | 1.2 | 26. | 25. | 24. | 8.8 |
| 20 | 11 | 1984 | 1000 | B05 | 5. | 2.6 | 0.3 | 26. | 25. | 24.5 | 8.3 |
| 20 | 11 | 1984 | 1000 | B06 | 7. | 6. | 0.8 | 25. | 24.5 | 23.5 | 8.55 |
| 20 | 11 | 1984 | 1000 | B07 | 7.9 | 5.5 | 1.4 | 27. | 24.5 | 23.5 | 8.6 |
| 20 | 11 | 1984 | 1000 | B08 | 7.8 | 4.9 | 1.3 | 27.5 | 24. | 23. | 8.55 |
| 20 | 11 | 1984 | 1000 | B09 | 7.9 | 5.6 | 1.5 | 27. | 24.5 | 23.5 | 8.7 |
| 20 | 11 | 1984 | 1000 | B10 | 7.4 | 5. | 0.4 | 24. | 24. | 23. | 8.6 |
| 20 | 11 | 1984 | 1000 | B11 | 6.8 | 5.3 | 0.9 | 27. | 24. | 23. | 8.5 |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 11 | 1984 | 1000 | B12 | 6.4 | 4.2 | 1. | 26.5 | 24. | 23. | 8.3 |
| 20 | 11 | 1984 | 1400 | B01 | 8.1 | 4. | 0.5 | 28. | 25. | 23.5 | 8.6 |
| 20 | 11 | 1984 | 1400 | B02 | 8.4 | 5.4 | 1.4 | 29.5 | 24.5 | 23. | 8.65 |
| 20 | 11 | 1984 | 1400 | B03 | 8. | 5.2 | 1.2 | 28. | 24. | 23. | 8.7 |
| 20 | 11 | 1984 | 1400 | B04 | 13. | 6.2 | 1. | 30. | 26. | 24. | 8.9 |
| 20 | 11 | 1984 | 1400 | B05 | 7.7 | 4.6 | 0.2 | 29. | 25.5 | 24.5 | 8.65 |
| 20 | 11 | 1984 | 1400 | B06 | 10.1 | 1.6 | 0.9 | 29.5 | 24. | 23.5 | 8.7 |
| 20 | 11 | 1984 | 1400 | B07 | 9.9 | 5. | 1.3 | 30. | 25.5 | 23.5 | 8.8 |
| 20 | 11 | 1984 | 1400 | B08 | 8. | 4.2 | 1.1 | 29. | 24.5 | 23. | 8.7 |
| 20 | 11 | 1984 | 1400 | B09 | 9.4 | 6.9 | 1.1 | 31. | 26. | 23.5 | 8.8 |
| 20 | 11 | 1984 | 1400 | B10 | 6.8 | 5.3 | 0.3 | 28. | 24. | 23. | 8.75 |
| 20 | 11 | 1984 | 1400 | B11 | 7.4 | 5.2 | 0.9 | 30. | 24.5 | 23. | 8.6 |
| 20 | 11 | 1984 | 1400 | B12 | 8. | 4.4 | 0.9 | 30. | 25. | 23. | 8.45 |
| 20 | 11 | 1984 | 1800 | B01 | 5.5 | 5. | 4. | 25. | 25. | 24. | 8.8 |
| 20 | 11 | 1984 | 1800 | B02 | 5. | 4.5 | 4. | 26. | 25.5 | 23.5 | 8.7 |
| 20 | 11 | 1984 | 1800 | B03 | 6. | 5.5 | 3.6 | 25.5 | 25. | 23. | 8.8 |
| 20 | 11 | 1984 | 1800 | B04 | 5. | 5. | 4. | 25. | 25. | 23. | 9. |
| 20 | 11 | 1984 | 1800 | B05 | 5.5 | 5. | 4.2 | 24.5 | 24.5 | 24. | 8.7 |
| 20 | 11 | 1984 | 1800 | B06 | 6. | 5.6 | 4.5 | 24. | 24. | 23. | 8.8 |
| 20 | 11 | 1984 | 1800 | B07 | 5. | 5. | 5. | 24.5 | 24. | 23. | 8.9 |
| 20 | 11 | 1984 | 1800 | B08 | 4. | 4. | 4. | 25. | 25. | 23. | 8.8 |
| 20 | 11 | 1984 | 1800 | B09 | 5.5 | 5. | 4. | 25.5 | 25. | 22.5 | 8.9 |
| 20 | 11 | 1984 | 1800 | B10 | 6.5 | 5. | 3.7 | 25.5 | 25. | 22. | 8.8 |
| 20 | 11 | 1984 | 1800 | B11 | 5. | 5. | 3.6 | 24.5 | 24. | 23.5 | 8.7 |
| 20 | 11 | 1984 | 1800 | B12 | 5.5 | 5. | 3.5 | 25. | 25. | 22. | 8.5 |
| 20 | 11 | 1984 | 2200 | B01 | 6. | 5.5 | 2.5 | 27. | 27. | 27. | 8.9 |
| 20 | 11 | 1984 | 2200 | B02 | 5.2 | 4.1 | 3. | 27.5 | 27. | 26. | 8.8 |
| 20 | 11 | 1984 | 2200 | B03 | 5.5 | 4.5 | 3.5 | 25. | 25. | 25. | 8.8 |
| 20 | 11 | 1984 | 2200 | B04 | 5.1 | 4.7 | 2.5 | 26.5 | 26. | 25. | 9.1 |
| 20 | 11 | 1984 | 2200 | B05 | 5.2 | 4.7 | 2.5 | 26. | 26. | 25.5 | 8.8 |
| 20 | 11 | 1984 | 2200 | B06 | 5.1 | 4.8 | 2. | 27.5 | 27. | 25.5 | 8.9 |
| 20 | 11 | 1984 | 2200 | B07 | 5. | 3.5 | 3. | 26. | 26. | 26. | 9. |
| 20 | 11 | 1984 | 2200 | B08 | 5.3 | 5. | 3.5 | 27. | 27. | 26. | 8.9 |
| 20 | 11 | 1984 | 2200 | B09 | 5.1 | 4.7 | 2.9 | 26. | 26. | 24.5 | 9. |
| 20 | 11 | 1984 | 2200 | B10 | 5.5 | 5.2 | 4.5 | 26.5 | 26. | 25. | 8.9 |
| 20 | 11 | 1984 | 2200 | B11 | 5. | 5. | 4. | 27. | 27. | 26. | 8.8 |
| 20 | 11 | 1984 | 2200 | B12 | 6.5 | 4.7 | 4. | 27.5 | 27. | 25. | 8.6 |
| 21 | 11 | 1984 | 200 | B01 | 5. | 4.5 | 3. | 27.5 | 26.5 | 23.5 | 8.9 |
| 21 | 11 | 1984 | 200 | B02 | 5.3 | 5. | 3.5 | 27. | 26. | 23.5 | 8.9 |
| 21 | 11 | 1984 | 200 | B03 | 4. | 4. | 2. | 26. | 26. | 23. | 8.9 |
| 21 | 11 | 1984 | 200 | B04 | 5.5 | 4. | 2. | 26.7 | 26. | 22.5 | 9.2 |
| 21 | 11 | 1984 | 200 | B05 | 5.9 | 4. | 2. | 27. | 26. | 22. | 8.9 |
| 21 | 11 | 1984 | 200 | B06 | 5. | 3. | 2.5 | 26. | 25. | 23. | 9. |
| 21 | 11 | 1984 | 200 | B07 | 5.5 | 5. | 2.5 | 27. | 26. | 23. | 9.1 |
| 21 | 11 | 1984 | 200 | B08 | 4.5 | 4. | 2.5 | 26. | 25. | 23. | 9. |

Table 4. Diurnal Measurements. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | D.O. TIME | POND# | DO-TOP | DO-MID | DO-BOT | WATER TEMP TOP | WATER TEMP MID | WATER TEMP BOT | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 11 | 1984 | 200 | B09 | 4.5 | 3.5 | 2. | 25. | 24. | 22. | 9.1 |
| 21 | 11 | 1984 | 200 | B10 | 5. | 4.5 | 2.5 | 26.5 | 26. | 23. | 8.9 |
| 21 | 11 | 1984 | 200 | B11 | 5.5 | 5. | 2.5 | 26. | 25.5 | 23. | 8.9 |
| 21 | 11 | 1984 | 200 | B12 | 5. | 4.3 | 2. | 27. | 26. | 25. | 8.6 |
| 21 | 11 | 1984 | 600 | B01 | 4.7 | 4.5 | 0.5 | 24. | 24. | 23.5 | 8.4 |
| 21 | 11 | 1984 | 600 | B02 | 5.8 | 5.6 | 0.7 | 24. | 24. | 23. | 8.5 |
| 21 | 11 | 1984 | 600 | B03 | 6. | 5.2 | 0.3 | 24. | 24. | 23. | 8.7 |
| 21 | 11 | 1984 | 600 | B04 | 4.2 | 4.1 | 0.4 | 24.5 | 24.5 | 24. | 8.9 |
| 21 | 11 | 1984 | 600 | B05 | 2.8 | 2.6 | 0.1 | 24.5 | 24.5 | 24.7 | 8.4 |
| 21 | 11 | 1984 | 600 | B06 | 5.3 | 5.2 | 0.2 | 24. | 24. | 24. | 8.5 |
| 21 | 11 | 1984 | 600 | B07 | 5.6 | 5.6 | 3. | 24. | 24. | 24. | 8.6 |
| 21 | 11 | 1984 | 600 | B08 | 5.6 | 5.6 | 0.6 | 24. | 24. | 23. | 8.6 |
| 21 | 11 | 1984 | 600 | B09 | 2.5 | 6. | 1. | 24. | 24. | 24. | 8.8 |
| 21 | 11 | 1984 | 600 | B10 | 5.6 | 5.5 | 1.7 | 24. | 24. | 23. | 8.5 |
| 21 | 11 | 1984 | 600 | B11 | 5.8 | 5.8 | 0.2 | 24. | 24. | 23. | 8.7 |
| 21 | 11 | 1984 | 600 | B12 | 5.1 | 5. | 0.1 | 24. | 24. | 23. | 8.5 |

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND | ACTIVITY | SPECIES | POP. WEIGHT | POP. NUMBER | SAMPLE WEIGHT | SAMPLE WT.-# | SAMPLE WT.-SD | SAMPLE LENGTH | SAMPLE LT.-# | SAMPLE LT.-SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 1 | 1984 | B01 | STK | NIL | 12.616 | 1000 | 13.9 | 100 | 5.5 | 9.4 | 100 | 1.2 |
| 12 | 1 | 1984 | B02 | STK | NIL | 13.098 | 1000 | 13.6 | 100 | 5.5 | 9. | 100 | 0.3 |
| 12 | 1 | 1984 | B08 | STK | NIL | 14.688 | 1000 | 15.6 | 100 | 5.1 | 9.4 | 100 | 1.3 |
| 12 | 1 | 1984 | B09 | STK | NIL | 13.721 | 1000 | 16.4 | 100 | 5. | 9. | 100 | 1. |
| 13 | 1 | 1984 | B03 | STK | NIL | 13.018 | 1000 | 14.7 | 100 | 5.9 | 9.5 | 100 | 1.2 |
| 13 | 1 | 1984 | B06 | STK | NIL | 12.593 | 1000 | 14.5 | 100 | 7.6 | 9.4 | 100 | 1.3 |
| 13 | 1 | 1984 | B07 | STK | NIL | 12.452 | 1000 | 14.2 | 100 | 5.2 | 9.4 | 100 | 1.1 |
| 13 | 1 | 1984 | B10 | STK | NIL | 12.48 | 1000 | 13.6 | 100 | 5.2 | 9.2 | 100 | 1.2 |
| 13 | 1 | 1984 | B11 | STK | NIL | 12.531 | 1000 | 13.3 | 100 | 5.5 | 9.1 | 100 | 1. |
| 13 | 1 | 1984 | B12 | STK | NIL | 13.64 | 1000 | 13.6 | 100 | 4.2 | 9.3 | 100 | 1. |
| 9 | 2 | 1984 | B01 | SAM | NIL | 2.745 | 100 | 27.4 | 100 | | 11.4 | 100 | 0.3 |
| 9 | 2 | 1984 | B02 | SAM | NIL | 2.278 | 100 | 22.8 | 100 | | 11. | 100 | 1.1 |
| 9 | 2 | 1984 | B03 | SAM | NIL | 2.674 | 100 | 26.7 | 100 | | 11.2 | 100 | 1. |
| 9 | 2 | 1984 | B06 | SAM | NIL | 2.32 | 100 | 23.2 | 100 | | 10.9 | 100 | 1. |
| 9 | 2 | 1984 | B07 | SAM | NIL | 3.288 | 100 | 32.9 | 100 | | 11.9 | 100 | 1.2 |
| 9 | 2 | 1984 | B08 | SAM | NIL | 2.566 | 100 | 25.7 | 100 | | 11.2 | 100 | 1.2 |
| 9 | 2 | 1984 | B09 | SAM | NIL | 2.608 | 100 | 26.1 | 100 | | 11.3 | 100 | 1.1 |
| 9 | 2 | 1984 | B10 | SAM | NIL | 1.81 | 100 | 18.1 | 100 | | 10.3 | 100 | 1.1 |
| 9 | 2 | 1984 | B11 | SAM | NIL | 2.409 | 100 | 24.1 | 100 | | 10.5 | 100 | 1.1 |
| 9 | 2 | 1984 | B12 | SAM | NIL | 2.296 | 100 | 23. | 100 | | 10.5 | 100 | 1. |
| 8 | 3 | 1984 | B01 | SAM | NIL | 3.374 | 100 | 33.7 | 100 | | 12.3 | 100 | 1.4 |
| 8 | 3 | 1984 | B02 | SAM | NIL | 3.318 | 100 | 33.2 | 100 | | 12.2 | 100 | 1. |
| 8 | 3 | 1984 | B03 | SAM | NIL | 3.203 | 100 | 32. | 100 | | 12.1 | 100 | 1. |
| 8 | 3 | 1984 | B06 | SAM | NIL | 3.77 | 100 | 37.7 | 100 | | 12.7 | 100 | 1.1 |
| 8 | 3 | 1984 | B07 | SAM | NIL | 3.969 | 100 | 39.7 | 100 | | 12.9 | 100 | 1. |
| 8 | 3 | 1984 | B08 | SAM | NIL | 4.139 | 100 | 41.4 | 100 | | 12.9 | 100 | 1. |
| 8 | 3 | 1984 | B09 | SAM | NIL | 3.345 | 100 | 33.4 | 100 | | 12.2 | 100 | 1. |
| 8 | 3 | 1984 | B10 | SAM | NIL | 2.665 | 100 | 26.6 | 100 | | 11.4 | 100 | 1. |
| 8 | 3 | 1984 | B11 | SAM | NIL | 2.381 | 100 | 23.8 | 100 | | 10.9 | 100 | 0.9 |
| 8 | 3 | 1984 | B12 | SAM | NIL | 2.778 | 100 | 27.8 | 100 | | 11.6 | 100 | 1. |
| 5 | 4 | 1984 | B01 | SAM | NIL | 4.281 | 100 | 42.8 | 100 | | 13.3 | 100 | |
| 5 | 4 | 1984 | B02 | SAM | NIL | 4.238 | 100 | 42.4 | 100 | | 13.3 | 100 | |
| 5 | 4 | 1984 | B03 | SAM | NIL | 3.799 | 100 | 38. | 100 | | 12.9 | 100 | |
| 5 | 4 | 1984 | B06 | SAM | NIL | 4.621 | 100 | 46.2 | 100 | | 13.4 | 100 | |
| 5 | 4 | 1984 | B07 | SAM | NIL | 4.734 | 100 | 47.3 | 100 | | 13.6 | 100 | |
| 5 | 4 | 1984 | B08 | SAM | NIL | 5.046 | 100 | 50.5 | 100 | | 14. | 100 | |
| 5 | 4 | 1984 | B09 | SAM | NIL | 3.912 | 100 | 39.1 | 100 | | 12.9 | 100 | |
| 5 | 4 | 1984 | B10 | SAM | NIL | 2.863 | 100 | 28.6 | 100 | | 11.7 | 100 | |
| 5 | 4 | 1984 | B11 | SAM | NIL | 2.58 | 100 | 25.8 | 100 | | 11.4 | 100 | |
| 5 | 4 | 1984 | B12 | SAM | NIL | 3.289 | 100 | 32.9 | 100 | | 12. | 100 | |
| 3 | 5 | 1984 | B01 | SAM | NIL | 5.216 | 100 | 52.2 | 100 | | 14.4 | 100 | 0.7 |
| 3 | 5 | 1984 | B02 | SAM | NIL | 4.876 | 100 | 48.8 | 100 | | 14.1 | 100 | 0.8 |
| 3 | 5 | 1984 | B03 | SAM | NIL | 4.479 | 100 | 44.8 | 100 | | 13.8 | 100 | 0.7 |
| 3 | 5 | 1984 | B06 | SAM | NIL | 5.329 | 100 | 53.3 | 100 | | 14.2 | 100 | 1.6 |
| 3 | 5 | 1984 | B07 | SAM | NIL | 5.783 | 100 | 57.8 | 100 | | 14.8 | 100 | 0.7 |

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND | ACTIVITY | SPECIES | POP. WEIGHT | POP. NUMBER | SAMPLE WEIGHT | SAMPLE WT.-# | SAMPLE WT.-SD | SAMPLE LENGTH | SAMPLE LT.-# | SAMPLE LT.-SD | REPROD. WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 1984 | B08 | SAM | NIL | 6.407 | 100 | 64.1 | 100 | | 15.2 | 100 | 0.6 | |
| 3 | 5 | 1984 | B09 | SAM | NIL | 4.536 | 100 | 45.4 | 100 | | 13.9 | 100 | 0.7 | |
| 3 | 5 | 1984 | B10 | SAM | NIL | 3.615 | 100 | 36.1 | 100 | | 12.7 | 100 | 0.6 | |
| 3 | 5 | 1984 | B11 | SAM | NIL | 2.962 | 100 | 29.6 | 100 | | 12.2 | 100 | 0.6 | |
| 3 | 5 | 1984 | B12 | SAM | NIL | 3.544 | 100 | 35.4 | 100 | | 12.6 | 100 | 0.7 | |
| 31 | 5 | 1984 | B01 | SAM | NIL | 6.549 | 100 | 65.5 | 100 | | 15.5 | 100 | 0.7 | |
| 31 | 5 | 1984 | B02 | SAM | NIL | 6.18 | 100 | 61.8 | 100 | | 15.1 | 100 | 0.6 | |
| 31 | 5 | 1984 | B03 | SAM | NIL | 5.84 | 100 | 58.4 | 100 | | 14.9 | 100 | 0.7 | |
| 31 | 5 | 1984 | B06 | SAM | NIL | 6.435 | 100 | 64.3 | 100 | | 15.5 | 100 | 0.6 | |
| 31 | 5 | 1984 | B07 | SAM | NIL | 8.023 | 100 | 80.2 | 100 | | 15.9 | 100 | 0.7 | |
| 31 | 5 | 1984 | B08 | SAM | NIL | 7.343 | 100 | 73.4 | 100 | | 16. | 100 | 0.6 | |
| 31 | 5 | 1984 | B09 | SAM | NIL | 6.038 | 100 | 60.4 | 100 | | 14.9 | 100 | 0.8 | |
| 31 | 5 | 1984 | B10 | SAM | NIL | 4.337 | 100 | 43.4 | 100 | | 13.5 | 100 | 0.6 | |
| 31 | 5 | 1984 | B11 | SAM | NIL | 3.912 | 100 | 39.1 | 100 | | 13.1 | 100 | 0.6 | |
| 31 | 5 | 1984 | B12 | SAM | NIL | 4.394 | 100 | 43.9 | 100 | | 13.6 | 100 | 0.7 | |
| 12 | 6 | 1984 | B01 | HAR | NIL | 62.993 | 939 | 65.2 | 100 | 5.5 | 16. | 100 | 1.1 | 0. |
| 12 | 6 | 1984 | B02 | HAR | NIL | 58.457 | 926 | 63.5 | 100 | 8. | 15.9 | 100 | 0.6 | 0. |
| 12 | 6 | 1984 | B03 | HAR | NIL | 55.196 | 850 | 56.7 | 100 | 4.8 | 15.3 | 100 | 1.2 | 0. |
| 12 | 6 | 1984 | B06 | HAR | NIL | 50.774 | 943 | 61.5 | 100 | 4.3 | 15.8 | 100 | 0.6 | 0. |
| 12 | 6 | 1984 | B07 | HAR | NIL | 65.771 | 891 | 72.3 | 100 | 6.7 | 16.6 | 100 | 0.6 | 0. |
| 12 | 6 | 1984 | B08 | HAR | NIL | 71.668 | 933 | 72. | 100 | 6. | 16.7 | 100 | 0.6 | 1.276 |
| 12 | 6 | 1984 | B09 | HAR | NIL | 59.392 | 916 | 62.2 | 100 | 6.7 | 15.9 | 100 | 0.7 | 0. |
| 12 | 6 | 1984 | B10 | HAR | NIL | 40.171 | 863 | 46.5 | 100 | | 14. | 100 | 0.6 | 2.75 |
| 12 | 6 | 1984 | B11 | HAR | NIL | 36.571 | 898 | 39.1 | 100 | 4.5 | 13.7 | 100 | 0.7 | 0. |
| 12 | 6 | 1984 | B12 | HAR | NIL | 45.189 | 945 | 45.6 | 100 | 4.6 | 14.3 | 100 | 0.7 | 0. |

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND | ACTIVITY | SPECIES | POP. WEIGHT | POP. NUMBER | SAMPLE WEIGHT | SAMPLE WT.-% | SAMPLE WT.-SD | SAMPLE LENGTH | SAMPLE LT.-% | SAMPLE LT.-SD | REPROD. WEIGHT | REPROD. NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 7 | 1984 | B01 | STK | NIL | 10.319 | 1000 | 10.3 | 100 | | 9.3 | 100 | 1.1 | | |
| 11 | 7 | 1984 | B02 | STK | NIL | 10.716 | 1000 | 10.7 | 100 | | 8.9 | 100 | 1.1 | | |
| 11 | 7 | 1984 | B03 | STK | NIL | 10.121 | 1000 | 10.1 | 100 | | | 100 | 1.4 | | |
| 11 | 7 | 1984 | B04 | STK | NIL | 10.404 | 1000 | 10.4 | 100 | | 9.1 | 100 | 1.1 | | |
| 11 | 7 | 1984 | B05 | STK | NIL | 10.886 | 1000 | 10.9 | 100 | | 9.8 | 100 | 1.2 | | |
| 11 | 7 | 1984 | B06 | STK | NIL | 9.355 | 1000 | 9.4 | 100 | | 9.6 | 100 | 1.2 | | |
| 11 | 7 | 1984 | B07 | STK | NIL | 10.206 | 1000 | 10.2 | 100 | | | 100 | 1.1 | | |
| 11 | 7 | 1984 | B08 | STK | NIL | 10.319 | 1000 | 10.3 | 100 | | 8.8 | 100 | 1.1 | | |
| 11 | 7 | 1984 | B09 | STK | NIL | 10.489 | 1000 | 10.5 | 100 | | 9.1 | 100 | 1.3 | | |
| 11 | 7 | 1984 | B10 | STK | NIL | 11.056 | 1000 | 11.1 | 100 | | 9.4 | 100 | 1.2 | | |
| 11 | 7 | 1984 | B11 | STK | NIL | 10.518 | 1000 | 10.5 | 100 | | | 100 | 1.1 | | |
| 11 | 7 | 1984 | B12 | STK | NIL | 10.971 | 1000 | 11. | 100 | | 9.1 | 100 | 1.2 | | |
| 8 | 8 | 1984 | B01 | SAM | NIL | 1.955 | 100 | 19.6 | 100 | | 10.5 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B02 | SAM | NIL | 1.843 | 100 | 18.4 | 100 | | 10.4 | 100 | 1.2 | | |
| 8 | 8 | 1984 | B03 | SAM | NIL | 2.097 | 100 | 21. | 100 | | 10.7 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B04 | SAM | NIL | 3.429 | 100 | 34.3 | 100 | | 12.3 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B05 | SAM | NIL | | 100 | 40.4 | 100 | | 12.8 | 100 | 1.2 | | |
| 8 | 8 | 1984 | B06 | SAM | NIL | | 100 | 23.1 | 100 | | 10.8 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B07 | SAM | NIL | 2.905 | 100 | 29. | 100 | | 11.9 | 100 | 1.5 | | |
| 8 | 8 | 1984 | B08 | SAM | NIL | 2.436 | 100 | 24.4 | 100 | | 11.1 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B09 | SAM | NIL | 2.637 | 100 | 26.4 | 100 | | 11.3 | 100 | 1.5 | | |
| 8 | 8 | 1984 | B10 | SAM | NIL | | 100 | 23.1 | 100 | | 10.8 | 100 | 1.1 | | |
| 8 | 8 | 1984 | B11 | SAM | NIL | 1.275 | 100 | 12.8 | 100 | | 9.5 | 100 | 1.2 | | |
| 8 | 8 | 1984 | B12 | SAM | NIL | 1.671 | 100 | 16.7 | 100 | | 10.3 | 100 | 1.1 | | |
| 6 | 9 | 1984 | B01 | SAM | NIL | 2.636 | 100 | 26.4 | 100 | | 11.6 | 100 | 1.2 | | |
| 6 | 9 | 1984 | B02 | SAM | NIL | 2.575 | 100 | 25.7 | 100 | | 11.6 | 100 | 0.9 | | |
| 6 | 9 | 1984 | B03 | SAM | NIL | 2.943 | 100 | 29.4 | 100 | | 12.1 | 100 | 0.9 | | |
| 6 | 9 | 1984 | B04 | SAM | NIL | 5.773 | 100 | 57.7 | 100 | | 14.6 | 100 | 1. | | |
| 6 | 9 | 1984 | B05 | SAM | NIL | 7.188 | 100 | 71.9 | 100 | | 15. | 100 | 1. | | |
| 6 | 9 | 1984 | B06 | SAM | NIL | 3.509 | 100 | 35.1 | 100 | | 13. | 100 | 0.9 | | |
| 6 | 9 | 1984 | B07 | SAM | NIL | | 100 | 36.8 | 100 | | 12.7 | 100 | 1.4 | | |
| 6 | 9 | 1984 | B08 | SAM | NIL | 3.289 | 100 | 32.9 | 100 | | 12.3 | 100 | 0.9 | | |
| 6 | 9 | 1984 | B09 | SAM | NIL | 3.856 | 100 | 38.6 | 100 | | 12.7 | 100 | 1.1 | | |
| 6 | 9 | 1984 | B10 | SAM | NIL | 2.722 | 100 | 27.2 | 100 | | 11.6 | 100 | 1.4 | | |
| 6 | 9 | 1984 | B11 | SAM | NIL | 2.041 | 100 | 20.4 | 100 | | 10.4 | 100 | 1.3 | | |
| 6 | 9 | 1984 | B12 | SAM | NIL | 2.495 | 100 | 24.9 | 100 | | 11.5 | 100 | 0.8 | | |
| 4 | 10 | 1984 | B01 | SAM | NIL | 2.807 | 100 | 28.1 | 100 | | 12. | 100 | 0.8 | 0.335 | 66. |
| 4 | 10 | 1984 | B02 | SAM | NIL | 2.792 | 100 | 27.9 | 100 | | 11.8 | 100 | 1.4 | | |
| 4 | 10 | 1984 | B03 | SAM | NIL | 3.345 | 100 | 33.4 | 100 | | 12.6 | 100 | 0.9 | 0.255 | 52. |
| 4 | 10 | 1984 | B04 | SAM | NIL | 6.492 | 100 | 64.9 | 100 | | 15.1 | 100 | 0.8 | 1.361 | 286. |
| 4 | 10 | 1984 | B05 | SAM | NIL | 8.278 | 100 | 82.8 | 100 | | 16.2 | 100 | 1.3 | 2.863 | 3.95 |
| 4 | 10 | 1984 | B06 | SAM | NIL | 4.337 | 100 | 43.4 | 100 | | 13.2 | 100 | 1.3 | 1.247 | 247. |
| 4 | 10 | 1984 | B07 | SAM | NIL | 4.337 | 100 | 43.4 | 100 | | 13.4 | 100 | 0.7 | 0.227 | 41. |
| 4 | 10 | 1984 | B08 | SAM | NIL | 3.714 | 100 | 37.1 | 100 | | 12.9 | 100 | 1.4 | | |
| 4 | 10 | 1984 | B09 | SAM | NIL | 4.111 | 100 | 41.1 | 100 | | 13.3 | 100 | 0.7 | 0.595 | 84. |

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND | ACTIVITY | SPECIES | POP. WEIGHT | POP. NUMBER | SAMPLE WEIGHT | SAMPLE WT.-# | SAMPLE WT.-SD | SAMPLE LENGTH | SAMPLE LT.-# | SAMPLE LT.-SD | REPROD. WEIGHT | REPROD. NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 10 | 1984 | B10 | SAM | NIL | 2.764 | 100 | 27.6 | 100 | | 11.9 | 100 | 0.7 | | |
| 4 | 10 | 1984 | B11 | SAM | NIL | 2.211 | 100 | 22.1 | 100 | | 11. | 100 | 1.3 | | |
| 4 | 10 | 1984 | B12 | SAM | NIL | 3.289 | 100 | 32.9 | 100 | | 12. | 100 | 0.6 | 0.255 | 59. |
| 1 | 11 | 1984 | B01 | SAM | NIL | 3.317 | 100 | 33.2 | 100 | | 12.7 | 100 | | 0.567 | 88. |
| 1 | 11 | 1984 | B02 | SAM | NIL | 2.835 | 100 | 28.3 | 100 | | 12.1 | 100 | | | 100. |
| 1 | 11 | 1984 | B03 | SAM | NIL | | 100 | 37.7 | 100 | | 13. | 100 | | 1.361 | 189. |
| 1 | 11 | 1984 | B04 | SAM | NIL | 7.144 | 100 | 71.4 | 100 | | 15.8 | 100 | | 9.355 | |
| 1 | 11 | 1984 | B05 | SAM | NIL | 9.979 | 100 | 99.8 | 100 | | 17.5 | 100 | | 7.031 | |
| 1 | 11 | 1984 | B06 | SAM | NIL | 6.407 | 100 | 64.1 | 100 | | 14. | 100 | | 3.629 | |
| 1 | 11 | 1984 | B07 | SAM | NIL | 4.734 | 100 | 47.3 | 100 | | 13.8 | 100 | | 1.814 | |
| 1 | 11 | 1984 | B08 | SAM | NIL | 4.026 | 100 | 40.3 | 100 | | 13.2 | 100 | | 1.021 | 216. |
| 1 | 11 | 1984 | B09 | SAM | NIL | 4.564 | 100 | 45.6 | 100 | | 13.8 | 100 | | 3.289 | 550. |
| 1 | 11 | 1984 | B10 | SAM | NIL | 3.118 | 100 | 31.2 | 100 | | 12. | 100 | | 0.454 | 62. |
| 1 | 11 | 1984 | B11 | SAM | NIL | | 100 | 24.1 | 100 | | 11.2 | 100 | | 0.737 | 108. |
| 1 | 11 | 1984 | B12 | SAM | NIL | | 100 | 36. | 100 | | 12.5 | 100 | | 1.701 | 178. |
| 30 | 11 | 1984 | B01 | SAM | NIL | 4.111 | 100 | 41.1 | 100 | | 13. | 100 | | 1.162 | 235. |
| 30 | 11 | 1984 | B02 | SAM | NIL | 3.487 | 100 | 34.9 | 100 | | 12.2 | 100 | | 0.652 | 152. |
| 30 | 11 | 1984 | B03 | SAM | NIL | 3.856 | 100 | 38.6 | 100 | | 13.1 | 100 | | 0.907 | 158. |
| 30 | 11 | 1984 | B04 | SAM | NIL | | 100 | 81.9 | 100 | | 15.9 | 100 | | 5.188 | 865. |
| 30 | 11 | 1984 | B05 | SAM | NIL | 11.05 | 100 | 110.5 | 100 | | 18. | 100 | | 4.819 | 7.09 |
| 30 | 11 | 1984 | B06 | SAM | NIL | | 100 | 54.7 | 100 | | 14. | 100 | | 2.722 | 567. |
| 30 | 11 | 1984 | B07 | SAM | NIL | | 100 | 49.6 | 100 | | 13.9 | 100 | | 1.361 | 240. |
| 30 | 11 | 1984 | B08 | SAM | NIL | | 100 | 41.4 | 100 | | 13.3 | 100 | | 1.191 | 190. |
| 30 | 11 | 1984 | B09 | SAM | NIL | | 100 | 49. | 100 | | 13.8 | 100 | | 2.325 | 445. |
| 30 | 11 | 1984 | B10 | SAM | NIL | | 100 | 30.3 | 100 | | 12.3 | 100 | | 1.701 | 193. |
| 30 | 11 | 1984 | B11 | SAM | NIL | | 100 | 25.8 | 100 | | 11.6 | 100 | | | |
| 30 | 11 | 1984 | B12 | SAM | NIL | 3.402 | 100 | 34. | 100 | | 12.7 | 100 | | 1.701 | 275. |
| 10 | 12 | 1984 | B01 | HAR | NIL | 36.547 | 956 | 33.5 | 100 | | 12.6 | 100 | 0.8 | 3.742 | |
| 10 | 12 | 1984 | B02 | HAR | NIL | 25.797 | 914 | 25.5 | 100 | | 12. | 100 | 0.9 | 1.729 | |
| 10 | 12 | 1984 | B03 | HAR | NIL | 34.441 | 934 | 35.4 | 100 | | 12.9 | 100 | 0.9 | 3.09 | |
| 10 | 12 | 1984 | B04 | HAR | NIL | 70.925 | 1000 | 69.4 | 100 | | 15.8 | 100 | 0.9 | 7.824 | |
| 10 | 12 | 1984 | B05 | HAR | NIL | 88.423 | 958 | 95.2 | 100 | | 17.7 | 100 | 1.6 | 15.592 | |
| 10 | 12 | 1984 | B06 | HAR | NIL | 38.043 | 797 | 49.3 | 100 | | 14. | 100 | 0.7 | 6.804 | |
| 10 | 12 | 1984 | B07 | HAR | NIL | 42.607 | 914 | 44.2 | 100 | | 13.9 | 100 | 0.8 | 2.948 | |
| 10 | 12 | 1984 | B08 | HAR | NIL | 39.974 | 1000 | 39.7 | 100 | | 13.2 | 100 | 1.3 | | |
| 10 | 12 | 1984 | B09 | HAR | NIL | 43.963 | 904 | 41.6 | 100 | | 13.5 | 100 | 0.8 | 5.443 | |
| 10 | 12 | 1984 | B10 | HAR | NIL | 26.39 | 922 | 26.9 | 100 | | 11.9 | 100 | 0.7 | 1.814 | |
| 10 | 12 | 1984 | B11 | HAR | NIL | 20.669 | 863 | 24.4 | 100 | | 11.4 | 100 | 0.8 | 2.325 | |
| 10 | 12 | 1984 | B12 | HAR | NIL | 27.694 | 813 | 35.4 | 100 | | 12.8 | 100 | 1.3 | 4.054 | |

Table 6. Water Quality Characteristics. Com·yaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | ALKALIN | HARDNESS | PH | NH3-N | NO2-N | NO3-N | NO2&3-N | TOTAL-P | ORTHO-P | CL- | SALT | SO4 | BORON | CALCIUM | COPPER | IRON | MAGNESIU | POTASSIU | SODIUM | ZINC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 1 | 1984 | B01 | | | | | | | | | | 4.8 | | 1.8 | | 4.36 | 0.02 | 1.21 | 1.96 | | | 0.02 |
| 11 | 1 | 1984 | B02 | | | | | | | | | | 4.6 | | 1. | | 7.92 | 0.02 | 1.17 | 1.87 | | | 0.02 |
| 11 | 1 | 1984 | B03 | | | | | | | | | | 4.6 | | 1. | | 8.52 | 0.02 | 1.46 | 1.81 | | | 0.02 |
| 11 | 1 | 1984 | B06 | | | | | | | | | | 4.9 | | 1.9 | | 14.91 | 0.02 | 0.9 | 2.07 | | | 0.02 |
| 11 | 1 | 1984 | B07 | | | | | | | | | | 4.8 | | 1. | | 5.26 | 0.02 | 1.53 | 2.06 | | | 0.09 |
| 11 | 1 | 1984 | B08 | | | | | | | | | | 4.4 | | 2.5 | | 8.79 | 0.02 | 0.98 | 1.98 | | | 0.02 |
| 11 | 1 | 1984 | B09 | | | | | | | | | | 4.4 | | 2.3 | | 8.65 | 0.02 | 1.34 | 2.03 | | | 0.02 |
| 11 | 1 | 1984 | B10 | | | | | | | | | | 4.8 | | 6.5 | | 9.44 | 0.02 | 1.61 | 1.96 | | | 0.02 |
| 11 | 1 | 1984 | B11 | | | | | | | | | | 5. | | 3. | | 6.33 | 0.02 | 1.29 | 1.65 | | | 0.02 |
| 11 | 1 | 1984 | B12 | | | | | | | | | | 4.7 | | 7. | | 15.01 | 0.02 | 2.25 | 2.58 | | | 0.02 |
| 18 | 1 | 1984 | B01 | 50.74 | | 8.6 | 0.194 | | | | | 0.53 | | | | | | | | | | | |
| 18 | 1 | 1984 | B02 | 63.54 | | 8.4 | 0.171 | | | | | 0.61 | | | | | | | | | | | |
| 18 | 1 | 1984 | B03 | 67.95 | | 8.25 | 0.125 | | | | | 0.46 | | | | | | | | | | | |
| 18 | 1 | 1984 | B06 | 60.89 | | 8.35 | 0.114 | | | | | 0.47 | | | | | | | | | | | |
| 18 | 1 | 1984 | B07 | 64.42 | | 8.6 | 0.054 | | | | | 0.31 | | | | | | | | | | | |
| 18 | 1 | 1984 | B08 | 60.89 | | 8.2 | 0.097 | | | | | 0.6 | | | | | | | | | | | |
| 18 | 1 | 1984 | B09 | 61.77 | | 8.05 | 0.114 | | | | | 0.61 | | | | | | | | | | | |
| 18 | 1 | 1984 | B10 | 78.54 | | 8.35 | 0.07 | | | | | 0.5 | | | | | | | | | | | |
| 18 | 1 | 1984 | B11 | 65.3 | | 8.45 | 0.086 | | | | | 0.46 | | | | | | | | | | | |
| 18 | 1 | 1984 | B12 | 39.71 | | 8.45 | | | | | | 0.65 | | | | | | | | | | | |
| 19 | 1 | 1984 | B01 | | 51.05 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B02 | | 50.45 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B03 | | 56.46 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B06 | | 58.86 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B07 | | 53.45 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B08 | | 52.25 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B09 | | 55.25 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B10 | | 66.67 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B11 | | 51.05 | | | | | | | | | | | | | | | | | | |
| 19 | 1 | 1984 | B12 | | 54.95 | | | | | | | | | | | | | | | | | | |
| 20 | 1 | 1984 | B01 | | | | | | | | 0.93 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B02 | | | | | | | | 0.93 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B03 | | | | | | | | 0.68 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B06 | | | | | | | | 0.73 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B07 | | | | | | | | 0.64 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B08 | | | | | | | | 0.88 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B09 | | | | | | | | 0.86 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B10 | | | | | | | | 0.77 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B11 | | | | | | | | 0.68 | | | | | | | | | | | | |
| 20 | 1 | 1984 | B12 | | | | | | | | 0.86 | | | | | | | | | | | | |
| 12 | 6 | 1984 | B01 | | | | | | | | | | 7.3 | | 4.2 | | 8.9 | 0.01 | 7.1 | 4.5 | 8.6 | 20.3 | 0.04 |
| 12 | 6 | 1984 | B02 | | | | | | | | | | 7.5 | | 4.2 | | 13. | 0.03 | 17.3 | 7.1 | 12.1 | 22.3 | 0.05 |
| 12 | 6 | 1984 | B03 | | | | | | | | | | 7.5 | | 4.5 | | 12.2 | 0.03 | 4.7 | 4.3 | 9.8 | 24.4 | 0.01 |
| 12 | 6 | 1984 | B06 | | | | | | | | | | 8.6 | | 6.6 | | 10.6 | 0.03 | 6.5 | 4.7 | 8. | 16. | 0.02 |
| 12 | 6 | 1984 | B07 | | | | | | | | | | 8.3 | | 6.6 | | 13.2 | 0.01 | 2.4 | 4.3 | 10.1 | 14.5 | 0.01 |
| 12 | 6 | 1984 | B08 | | | | | | | | | | 7.4 | | 7.1 | | 12.9 | 0.01 | 8.7 | 5.3 | 11.1 | 21.4 | 0.09 |
| 12 | 6 | 1984 | B09 | | | | | | | | | | 7.6 | | 6.3 | | 11.7 | 0.01 | 13.4 | 6.2 | 12. | 22.3 | 0.02 |
| 12 | 6 | 1984 | B10 | | | | | | | | | | 7.7 | | 7.4 | | 11.3 | 0.03 | 10.6 | 5.2 | 11.3 | 27.6 | 0.09 |
| 12 | 6 | 1984 | B11 | | | | | | | | | | 7.8 | | 6.7 | | 9.2 | 0.03 | 10.6 | 4.9 | 10.9 | 21.3 | 0.04 |
| 12 | 6 | 1984 | B12 | | | | | | | | | | 7. | | 6.5 | | 19.4 | 0.09 | 12.6 | 26.3 | 12.1 | 17. | 0.25 |

Table 6. Water Quality Characteristics. Comayaga, Honduras, Cycle I, Wet Season

| I | DAY | MONTH | YEAR | PONDR | ALKALIN | HARDNESS | PH | NH3-N | NO2-N | NO3-N | NO2&3-N | TOTAL-P | ORTHO-P | CL- | SALT | SO4 | BORON | CALCIUM | COPPER | IRON | MAGNESIU | POTASSIU | SODIUM | ZINC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 1984 | B01 | | | | 0.15 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B02 | | | | 0.08 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B03 | | | | 0.11 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B04 | | | | 0.06 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B05 | | | | 0.04 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B06 | | | | 0.09 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B07 | | | | 0.08 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B08 | | | | 0.97 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B09 | | | | 0.03 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B10 | | | | 0.07 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B11 | | | | 0.12 | | | | | | | | | | | | | | | | |
| | 7 | 7 | 1984 | B12 | | | | 0.05 | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B01 | 30.7 | 22.97 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B02 | 32.7 | 22.46 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B03 | 46. | 30.63 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B04 | 51.5 | 37.78 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B05 | 69.3 | 53.6 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B06 | 55.4 | 44.15 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B07 | 35.6 | 22.46 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B08 | 33.7 | 20.93 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B09 | 54.5 | 37.27 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B10 | 61.4 | 42.88 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B11 | 35.6 | 21.95 | | | | | | | | | | | | | | | | | | |
| | 9 | 7 | 1984 | B12 | 44.6 | 30.63 | | | | | | | | | | | | | | | | | | |
| | 18 | 7 | 1984 | B01 | | | | | | | | | | | 7. | | 10. | 0.3 | 5. | 0.1 | 1.61 | 0.9 | 6.3 | 7.5 | 0.1 |
| | 18 | 7 | 1984 | B02 | | | | | | | | | | | 7. | | 10. | 0.1 | 5.6 | 0.1 | 1.52 | 0.96 | 6.4 | 8.9 | 0.1 |
| | 18 | 7 | 1984 | B03 | | | | | | | | | | | 5. | | 10. | 0.1 | 6.1 | 0.1 | 1.7 | 1.11 | 7.5 | 10.7 | 0.1 |
| | 18 | 7 | 1984 | B04 | | | | | | | | | | | 7. | | 10. | | 10. | 0.1 | 0.73 | 1.43 | 7.8 | 12.5 | 0.1 |
| | 18 | 7 | 1984 | B05 | | | | | | | | | | | 5. | | 10. | 0.1 | 13.2 | 0.1 | 1.01 | 2.08 | 8. | 11.4 | 0.1 |
| | 18 | 7 | 1984 | B06 | | | | | | | | | | | 5. | | 10. | 0.1 | 10.7 | 0.1 | 1.62 | 1.72 | 7. | 9.9 | 0.1 |
| | 18 | 7 | 1984 | B07 | | | | | | | | | | | 6. | | 10. | 1.3 | 5.1 | 0.1 | 0.87 | 0.82 | 6.8 | 8.6 | 0.1 |
| | 18 | 7 | 1984 | B08 | | | | | | | | | | | 9. | | 10. | 0.1 | 5.6 | 0.1 | 1.46 | 1.02 | 7.2 | 9.7 | 0.1 |
| | 18 | 7 | 1984 | B09 | | | | | | | | | | | 19. | | 10. | 0.1 | 8. | 0.1 | 1.62 | 1.55 | 7.9 | 11.6 | 0.1 |
| | 18 | 7 | 1984 | B10 | | | | | | | | | | | 8. | | 10. | 0.1 | 8. | 0.1 | 2.23 | 1.67 | 8.4 | 11.8 | 0.1 |
| | 18 | 7 | 1984 | B11 | | | | | | | | | | | 5. | | 10. | 0.1 | 5.7 | 0.1 | 2.01 | 1.28 | 7. | 10. | 0.1 |
| | 18 | 7 | 1984 | B12 | | | | | | | | | | | 6. | | 10. | 0.1 | 5.6 | 0.1 | 1.78 | 1.16 | 6.5 | 8.2 | 0.1 |
| | 7 | 12 | 1984 | B01 | 80. | 60.49 | | 0.64 | | 0.04 | | 1.31 | 0.71 | | 24. | | 10. | 0.7 | 11.1 | 0.1 | 0.67 | 1.78 | 7.9 | 12.1 | 0.1 |
| | 7 | 12 | 1984 | B02 | 116. | 74.53 | | 0.56 | | 0.09 | | 1.92 | 1.3 | | 10. | | 10. | 0.1 | 14.1 | 0.1 | 0.6 | 2.36 | 9.8 | 21.5 | 0.1 |
| | 7 | 12 | 1984 | B03 | 132. | 81.68 | | 0.61 | | 0.03 | | 2.09 | 1.33 | | 11. | | 10. | 0.1 | 15.5 | 0.1 | 0.66 | 2.36 | 9.8 | 23.5 | 0.1 |
| | 7 | 12 | 1984 | B04 | 204. | 126.6 | | 0.46 | | 0.02 | | 1.97 | 1.3 | | 9. | | 10. | 1.5 | 31.2 | 0.1 | 0.35 | 3.24 | 11.1 | 35.5 | 0.1 |
| | 7 | 12 | 1984 | B05 | 144. | 86.78 | | 0.59 | | 0.08 | | 1.82 | 1.25 | | 8. | | 10. | 0.1 | 17.8 | 0.1 | 0.87 | 2.76 | 10.1 | 28.5 | 0.1 |
| | 7 | 12 | 1984 | B06 | 108.5 | 86.27 | | 0.56 | | 0.03 | | 1.45 | 0.92 | | 10. | | 10. | 0.1 | 18.9 | 0.1 | 0.47 | 2.48 | 8.3 | 11.8 | 0.1 |
| | 7 | 12 | 1984 | B07 | 99. | 80.15 | | 0.59 | | 0.09 | | 1.27 | 0.71 | | 10. | | 10. | 0.2 | 14.2 | 0.1 | 0.55 | 2.14 | 8.9 | 13.8 | 0.1 |
| | 7 | 12 | 1984 | B08 | 116.5 | 80.66 | | 0.54 | | 0.12 | | 1.13 | 1.3 | | 13. | | 10. | 0.1 | 14.9 | 0.1 | 0.88 | 2.5 | 12.1 | 20.3 | 0.1 |
| | 7 | 12 | 1984 | B09 | 146. | 96.48 | | 0.47 | | 0.04 | | 1.57 | 1.01 | | 8. | | 10. | 0.1 | 20.5 | 0.1 | 0.56 | 2.86 | 10.4 | 24.2 | 0.1 |
| | 7 | 12 | 1984 | B10 | 141.5 | 86.78 | | 0.51 | | 0.03 | | 2.41 | 1.56 | | 9. | | 10. | 0.1 | 18.4 | 0.1 | 0.94 | 2.84 | 10.4 | 30.5 | 0.1 |
| | 7 | 12 | 1984 | B11 | 131.5 | 72.49 | | 0.61 | | 0.14 | | 2.22 | 1.46 | | 8. | | 10. | 0.1 | 14. | 0.1 | 0.84 | 2.26 | 9.6 | 31.5 | 0.1 |
| | 7 | 12 | 1984 | B12 | 93. | 69.94 | | 0.56 | | 0.07 | | 1.73 | 1.09 | | 11. | | 10. | 0.1 | 14.1 | 0.1 | 0.93 | 2.18 | 8.8 | 13.1 | 0.1 |

## Table 7. Pond Soil Characteristics. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | CLAY | SILT | SAND | ORGAN. MATTER | WET-PH | SOIL-P | SOIL CA | SOIL MG | SOIL K | SOIL NA | SOIL N | SOIL NH4 | SOIL NO3 | SOIL CEC | SOIL SALT | SOIL AL | SOIL FE | SOIL ZN | SOIL MN | SOIL CU | SOIL SO4 | LIME REQ | SOIL CACO3 | EXCH H | EXCH NA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 12 | 1983 | B01 | 51.3 | 37.6 | 11. | 1.2 | 8. | 15. | | | 956. | | | | | | | | | 1.7 | 12.2 | 4.8 | | | 1.2 | | |
| 15 | 12 | 1983 | B02 | 51.2 | 44.9 | 3.9 | 0.76 | 8.6 | 14. | | | 991. | | | | | | | | | 1.2 | 4.7 | 2.9 | | | 2. | | |
| 15 | 12 | 1983 | B03 | 43.7 | 42.3 | 14. | 0.51 | 8.8 | 11. | | | 1053. | | | | | | | | | 0.88 | 12.7 | 3.3 | | | 5.1 | | |
| 15 | 12 | 1983 | B06 | 48.5 | 46.1 | 5.4 | 0.56 | 8.3 | 18. | | | 956. | | | | | | | | | 2.2 | 9. | 4.6 | | | 3.3 | | |
| 15 | 12 | 1983 | B07 | 49.4 | 43.7 | 5.3 | 0.76 | 8.9 | 9. | | | 176. | | | | | | | | | 0.64 | 7.3 | 3.3 | | | 1.7 | | |
| 15 | 12 | 1983 | B08 | 51. | 39.4 | 9.6 | 1.2 | 8.4 | 14. | | | 148. | | | | | | | | | 2.1 | 4.3 | 4.2 | | | 1.3 | | |
| 15 | 12 | 1983 | B09 | 50.6 | 41.9 | 7.6 | 1.1 | 8.3 | 18. | | | 1190. | | | | | | | | | 1.5 | 8.1 | 4.8 | | | 2.4 | | |
| 15 | 12 | 1983 | B10 | 50.1 | 43.3 | 6.5 | 1.1 | 8.6 | 9. | | | 1073. | | | | | | | | | 0.64 | 6. | 3.1 | | | 4. | | |
| 15 | 12 | 1983 | B11 | 49.6 | 41.3 | 9.1 | 1.4 | 8.8 | 13. | | | 1092. | | | | | | | | | 0.84 | 4. | 2.6 | | | 4.1 | | |
| 15 | 12 | 1983 | B12 | 51.1 | 39.6 | 9.2 | 1.5 | 8.7 | 11. | | | 878. | | | | | | | | | 0.9 | 17.1 | 4. | | | 3.2 | | |
| 19 | 6 | 1984 | B01 | | | | 0.62 | 73.7 | 33. | 16880. | 588. | 1012. | | 0.043 | | | | 400. | | 9.3 | 0.5 | 10.2 | 2.8 | 54. | 22.26 | 5.09 | | 1.71 |
| 19 | 6 | 1984 | B02 | | | | 0.66 | 8.1 | 32. | 17780. | 561. | 1101. | | 0.071 | | | | 420. | | 5.3 | 0.8 | 6.8 | 3.4 | 78. | 21.05 | 4.74 | | 2.54 |
| 19 | 6 | 1984 | B03 | | | | 0.66 | 7.5 | 34. | 20000. | 643. | 1243. | | 0.057 | | | | 420. | | 7.9 | 0.5 | 5.9 | 2.6 | 75. | 24.69 | 5.11 | | 2.34 |
| 19 | 6 | 1984 | B06 | | | | 0.82 | 7.6 | 24. | 21820. | 653. | 886. | | 0.085 | | | | 420. | | 6.6 | 0.6 | 8.8 | 2.7 | 78. | 29.35 | 5.53 | | 1.39 |
| 19 | 6 | 1984 | B07 | | | | 0.79 | 7.6 | 31. | 12410. | 583. | 1304. | | 0.071 | | | | 440. | | 10.2 | 0.4 | 10.8 | 2.8 | 78. | 24.9 | 3.85 | | 2.14 |
| 19 | 6 | 1984 | B08 | | | | 0.95 | 7.8 | 34. | 12740. | 544. | 1287. | | 0.085 | | | | 560. | | 10. | 0.5 | 7.5 | 2.9 | 117. | 26.71 | 4.34 | | 3.01 |
| 19 | 6 | 1984 | B09 | | | | 0.95 | 7.8 | 65. | 20170. | 764. | 1269. | | 0.085 | | | | 540. | | 10.9 | 0.6 | 7.8 | 3.5 | 117. | 29.96 | 5.53 | | 2.18 |
| 19 | 6 | 1984 | B10 | | | | 0.76 | 8. | 40. | 25370. | 695. | 1320. | | 0.057 | | | | 520. | | 8.8 | 0.5 | 5.9 | 2.6 | 87. | 33.6 | 6.44 | | 3.76 |
| 19 | 6 | 1984 | B11 | | | | 0.62 | 8.1 | 49. | 24380. | 704. | 1334. | | 0.071 | | | | 540. | | 8.5 | 0.5 | 5.9 | 2.3 | 75. | 26.31 | 6.77 | | 4.29 |
| 19 | 6 | 1984 | B12 | | | | 0.79 | 7.8 | 31. | 22660. | 650. | 1059. | | 0.071 | | | | 480. | | 10.2 | 0.6 | 10.4 | 3. | 78. | 23.07 | 6.36 | | 1.9 |

## Table 7. Pond Soil Characteristics. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | CLAY | SILT | SAND | ORGAN. MATTER | WET-PH | SOIL-P | SOIL CA | SOIL MG | SOIL K | SOIL NA | SOIL N | SOIL NH4 | SOIL NO3 | SOIL CEC | SOIL SALT | SOIL AL | SOIL FE | SOIL ZN | SOIL MN | SOIL CU | SOIL SO4 | LIME REQ | SOIL CACO3 | EXCH H | EXCH NA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 6 | 1984 | B01 | | | | 0.62 | 7.7 | 33. | 16880. | 588. | 1012. | | 0.043 | | | 22.26 | 400. | | 9.3 | 0.5 | 10.2 | 2.8 | 54. | | 5.09 | | 1.71 |
| 19 | 6 | 1984 | B02 | | | | 0.66 | 8.1 | 42. | 17780. | 561. | 1101. | | 0.071 | | | 21.05 | 420. | | 5.3 | 0.8 | 6.8 | 3.4 | 78. | | 4.74 | | 2.54 |
| 19 | 6 | 1984 | B03 | | | | 0.66 | 7.5 | 34. | 20000. | 643. | 1243. | | 0.057 | | | 24.69 | 420. | | 7.9 | 0.5 | 5.9 | 2.6 | 75. | | 5.11 | | 2.34 |
| 19 | 6 | 1984 | B04 | | | | 0.66 | 8. | 75. | 40690. | 873. | 1287. | | 0.071 | | | 29.96 | 500. | | 6.1 | 0.5 | 6.8 | 1. | 90. | | 9.5 | | 3.6 |
| 19 | 6 | 1984 | B05 | | | | 0.52 | 8. | 55. | 35330. | 755. | 1042. | | 0.043 | | | 17.81 | 500. | | 6.2 | 0.5 | 6.4 | 1. | 78. | | 9.55 | | 2.86 |
| 19 | 6 | 1984 | B06 | | | | 0.82 | 7.6 | 24. | 21820. | 653. | 886. | | 0.082 | | | 29.35 | 420. | | 6.6 | 0.6 | 8.8 | 2.7 | 78. | | 5.53 | | 1.39 |
| 19 | 6 | 1984 | B07 | | | | 0.79 | 7.6 | 31. | 12410. | 583. | 1304. | | 0.071 | | | 24.9 | 440. | | 10.2 | 0.4 | 10.8 | 2.8 | 78. | | 3.82 | | 2.14 |
| 19 | 6 | 1984 | B08 | | | | 0.95 | 7.9 | 34. | 12740. | 544. | 1287. | | 0.085 | | | 26.71 | 560. | | 10. | 0.5 | 7.5 | 2.9 | 117. | | 4.34 | | 3.01 |
| 19 | 6 | 1984 | B09 | | | | 0.95 | 7.8 | 65. | 20170. | 764. | 1269. | | 0.085 | | | 29.96 | 540. | | 10.9 | 0.6 | 7.8 | 3.5 | 117. | | 5.53 | | 2.18 |
| 19 | 6 | 1984 | B10 | | | | 0.76 | 8. | 40. | 25370. | 695. | 1320. | | 0.057 | | | 33.6 | 520. | | 8.8 | 0.5 | 5.9 | 2.6 | 87. | | 6.44 | | 3.76 |
| 19 | 6 | 1984 | B11 | | | | 0.62 | 8.1 | 49. | 24380. | 704. | 1334. | | 0.071 | | | 26.31 | 540. | | 8.5 | 0.5 | 5.9 | 2.3 | 75. | | 6.77 | | 4.29 |
| 19 | 6 | 1984 | B12 | | | | 0.79 | 7.8 | 31. | 22660. | 650. | 1059. | | 0.071 | | | 23.07 | 480. | | 10.2 | 0.6 | 10.4 | 3. | 78. | | 6.36 | | 1.9 |
| 11 | 12 | 1984 | B01 | | | | 1.09 | 8.4 | 44. | 16500. | 614. | 1005. | | 0.15 | | | 22.4 | | | 13. | 0.64 | 60. | 3.6 | 42. | | 3.01 | | 1.35 |
| 11 | 12 | 1984 | B02 | | | | 0.8 | 8.8 | 54. | 19900. | 604. | 1135. | | 0.13 | | | 26.2 | | | 11. | 0.52 | 40. | 3. | 45. | | 3.57 | | 2.52 |
| 11 | 12 | 1984 | B03 | | | | 1.12 | 8.7 | 54. | 27600. | 735. | 1116. | | 0.13 | | | 18.17 | | | 7. | 0.58 | 44. | 2.9 | 45. | | 5.63 | | 2.61 |
| 11 | 12 | 1984 | B04 | | | | 0.96 | 8.9 | 73. | 40600. | 837. | 1170. | | 0.15 | | | 20.28 | | | 11. | 0.56 | 46. | 2.9 | 54. | | 8.62 | | 3.35 |
| 11 | 12 | 1984 | B05 | | | | 1.37 | 8.7 | 47. | 31300. | 787. | 1125. | | 0.15 | | | 18.59 | | | 12. | 0.76 | 77. | 3.6 | 45. | | 6.18 | | 2.26 |
| 11 | 12 | 1984 | B06 | | | | 1.12 | 8.5 | 34. | 24700. | 648. | 927. | | 0.15 | | | 19.86 | | | 12. | 0.74 | 47. | 3.1 | 42. | | 4.29 | | 1.52 |
| 11 | 12 | 1984 | B07 | | | | 1.09 | 8.6 | 43. | 19700. | 641. | 1190. | | 0.16 | | | 22.82 | | | 10. | 0.66 | 72. | 3.2 | 45. | | 3.34 | | 1.87 |
| 11 | 12 | 1984 | B08 | | | | 1.34 | 8.5 | 50. | 14900. | 535. | 1154. | | 0.18 | | | 25.36 | | | 11. | 0.8 | 82. | 3.5 | 72. | | 2.89 | | 2. |
| 11 | 12 | 1984 | B09 | | | | 0.99 | 8.8 | 54. | 25600. | 750. | 1206. | | 0.15 | | | 20.7 | | | 10. | 0.84 | 65. | 3.9 | 57. | | 4.39 | | 2.61 |
| 11 | 12 | 1984 | B10 | | | | 1.02 | 8.6 | 50. | 29600. | 660. | 1160. | | 0.13 | | | 17.75 | | | 10. | 0.54 | 53. | 3.2 | 45. | | 5.43 | | 2.09 |
| 11 | 12 | 1984 | B11 | | | | 0.86 | 8.7 | 52. | 26100. | 678. | 1151. | | 0.16 | | | 18.59 | | | 10. | 0.52 | 52. | 3.1 | 45. | | 5.83 | | 3.71 |
| 11 | 12 | 1984 | B12 | | | | 1.21 | 8.6 | 44. | 26500. | 759. | 1015. | | 0.13 | | | 27.89 | | | 10. | 0.54 | 73. | 3.5 | 42. | | 5.3 | | 1.57 |

Table 8. Analysis of Nutrients and Lime. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | NUTRIENT TYPE | DRY MATTER % | NUTRIENT N | NUTRIENT P | NUTRIENT K | NUTRIENT ORG-C | NUTRIENT S | LIME NEUT % |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 7 | 1984 | TSP | | | 46. | | | | |

Table 8. Analysis of Nutrients and Lime. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | NUTRIENT TYPE | DRY MATTER % | NUTRIENT N | NUTRIENT P | NUTRIENT K | NUTRIENT ORG-C | NUTRIENT S | LIME NEUT % |
|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 12 | 1983 | TSP | | | 46. | | | | |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 29 | 12 | 1983 | B01 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B02 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B03 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B06 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B07 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B08 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B09 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B10 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B11 | | | | | TSP | 8. |
| 29 | 12 | 1983 | B12 | | | | | TSP | 8. |
| 12 | 1 | 1984 | B01 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B02 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B03 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B06 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B07 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B08 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B09 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B10 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B11 | | | | | TSP | 5.8 |
| 12 | 1 | 1984 | B12 | | | | | TSP | 5.8 |
| 23 | 1 | 1984 | B01 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B02 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B03 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B06 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B07 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B08 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B09 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B10 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B11 | | | | | TSP | 8.7 |
| 23 | 1 | 1984 | B12 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B01 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B02 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B03 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B06 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B07 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B08 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B09 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B10 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B11 | | | | | TSP | 8.7 |
| 6 | 2 | 1984 | B12 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B01 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B02 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B03 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B06 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B07 | | | | | TSP | 8.7 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 20 | 2 | 1984 | B08 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B09 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B10 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B11 | | | | | TSP | 8.7 |
| 20 | 2 | 1984 | B12 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B01 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B02 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B03 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B06 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B07 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B08 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B09 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B10 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B11 | | | | | TSP | 8.7 |
| 5 | 3 | 1984 | B12 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B01 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B02 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B03 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B06 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B07 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B08 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B09 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B10 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B11 | | | | | TSP | 8.7 |
| 19 | 3 | 1984 | B12 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B01 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B02 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B03 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B06 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B07 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B08 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B09 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B10 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B11 | | | | | TSP | 8.7 |
| 2 | 4 | 1984 | B12 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B01 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B02 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B03 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B06 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B07 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B08 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B09 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B10 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B11 | | | | | TSP | 8.7 |
| 16 | 4 | 1984 | B12 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B01 | | | | | TSP | 8.7 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Dry Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 30 | 4 | 1984 | B02 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B03 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B06 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B07 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B08 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B09 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B10 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B11 | | | | | TSP | 8.7 |
| 30 | 4 | 1984 | B12 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B01 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B02 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B03 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B06 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B07 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B08 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B09 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B10 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B11 | | | | | TSP | 8.7 |
| 14 | 5 | 1984 | B12 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B01 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B02 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B03 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B06 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B07 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B08 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B09 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B10 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B11 | | | | | TSP | 8.7 |
| 28 | 5 | 1984 | B12 | | | | | TSP | 8.7 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 1984 | B01 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B02 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B03 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B04 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B05 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B06 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B07 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B08 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B09 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B10 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B11 | | | | | TSP | 5.3 |
| 3 | 7 | 1984 | B12 | | | | | TSP | 5.3 |
| 10 | 7 | 1984 | B01 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B02 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B03 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B04 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B05 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B06 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B07 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B08 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B09 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B10 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B11 | | | | | TSP | 8.3 |
| 10 | 7 | 1984 | B12 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B01 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B02 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B03 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B04 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B05 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B06 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B07 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B08 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B09 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B10 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B11 | | | | | TSP | 8.3 |
| 24 | 7 | 1984 | B12 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B01 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B02 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B03 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B04 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B05 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B06 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B07 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B08 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B09 | | | | | TSP | 8.3 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 8 | 1984 | B10 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B11 | | | | | TSP | 8.3 |
| 7 | 8 | 1984 | B12 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B01 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B02 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B03 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B04 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B05 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B06 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B07 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B08 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B09 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B10 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B11 | | | | | TSP | 8.3 |
| 21 | 8 | 1984 | B12 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B01 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B02 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B03 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B04 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B05 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B06 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B07 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B08 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B09 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B10 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B11 | | | | | TSP | 8.3 |
| 4 | 9 | 1984 | B12 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B01 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B02 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B03 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B04 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B05 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B06 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B07 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B08 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B09 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B10 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B11 | | | | | TSP | 8.3 |
| 18 | 9 | 1984 | B12 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B01 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B02 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B03 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B04 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B05 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B06 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B07 | | | | | TSP | 8.3 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 10 | 1984 | B08 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B09 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B10 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B11 | | | | | TSP | 8.3 |
| 2 | 10 | 1984 | B12 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B01 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B02 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B03 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B04 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B05 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B06 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B07 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B08 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B09 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B10 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B11 | | | | | TSP | 8.3 |
| 16 | 10 | 1984 | B12 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B01 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B02 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B03 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B04 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B05 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B06 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B07 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B08 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B09 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B10 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B11 | | | | | TSP | 8.3 |
| 30 | 10 | 1984 | B12 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B01 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B02 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B03 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B04 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B05 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B06 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B07 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B08 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B09 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B10 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B11 | | | | | TSP | 8.3 |
| 13 | 11 | 1984 | B12 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B01 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B02 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B03 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B04 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B05 | | | | | TSP | 8.3 |

Table 9. Nutrient and Lime Inputs. Comayaga, Honduras, Cycle I, Wet Season

| DAY | MONTH | YEAR | POND# | FEED TYPE | FEED QUANTITY | MANURE TYPE | MANURE QUANTITY | INORGAN. TYPE | INORGAN. QUANTITY |
|---|---|---|---|---|---|---|---|---|---|
| 27 | 11 | 1984 | B06 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B07 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B08 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B09 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B10 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B11 | | | | | TSP | 8.3 |
| 27 | 11 | 1984 | B12 | | | | | TSP | 8.3 |