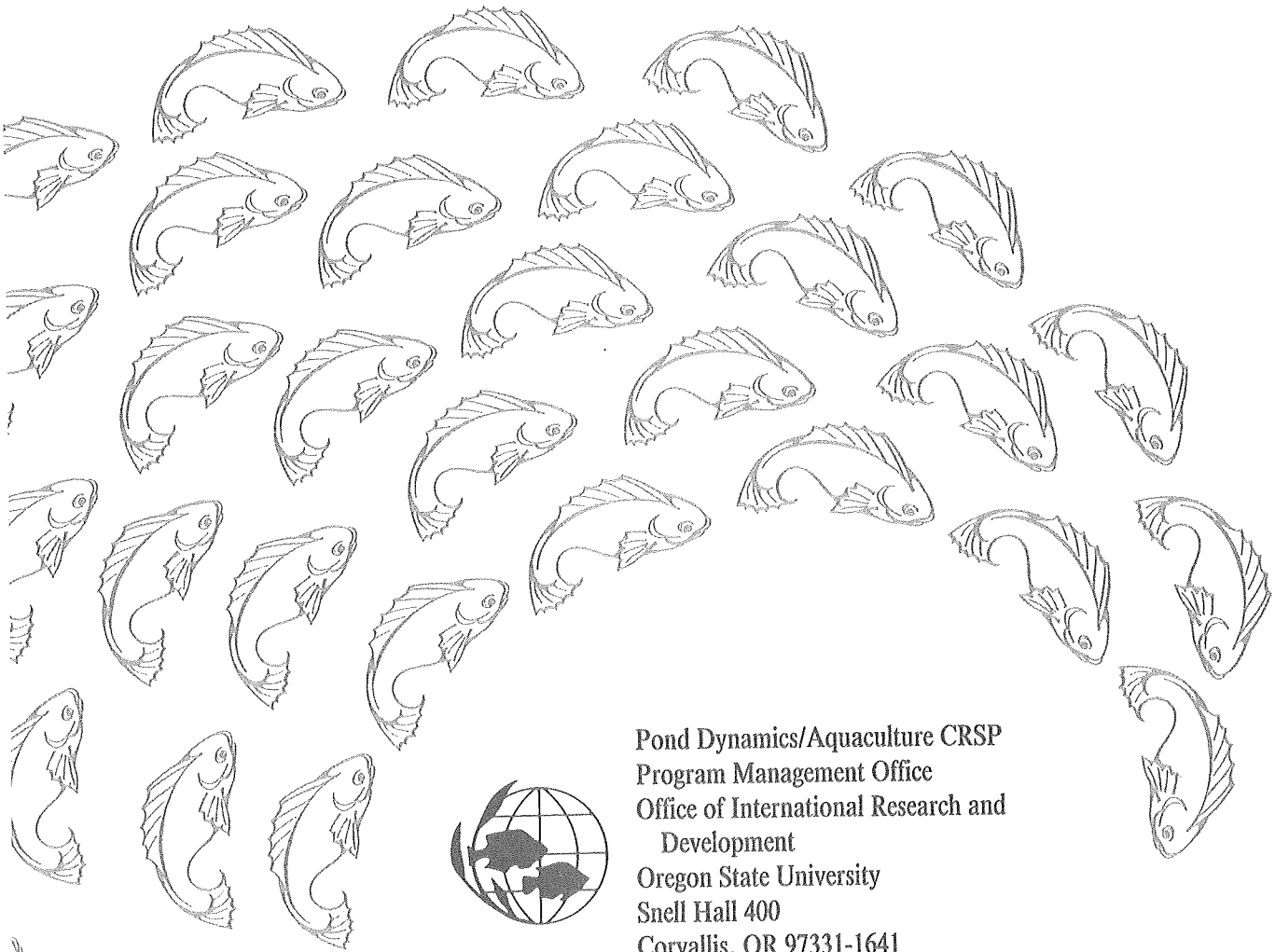
Pond Dynamics/Aquaculture Collaborative Research Data Reports

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

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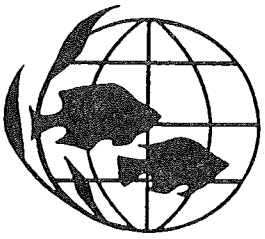

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FOREWORD

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/cm2) (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	334	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 Mean	Dry Season S.E.	Rainy season Mean	Rainy season S.E.	t 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/lNO_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*

* Seasonal 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 (mg/l)	K (mg/l)	Ca (mg/l)	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 (mg/l)	Fe (mg/l)	Mn (mg/l)	Cu (mg/l)	Zn (mg/l)	S (mg/l)	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 (mg/l)	NO_3-N (mg/l)	Total N (mg/l)	P (mg/l)	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/l)	Mg (mg/l)	Fe (mg/l)	Mn (mg/l)	Cu (mg/l)	Zn (mg/l)	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	2.9	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

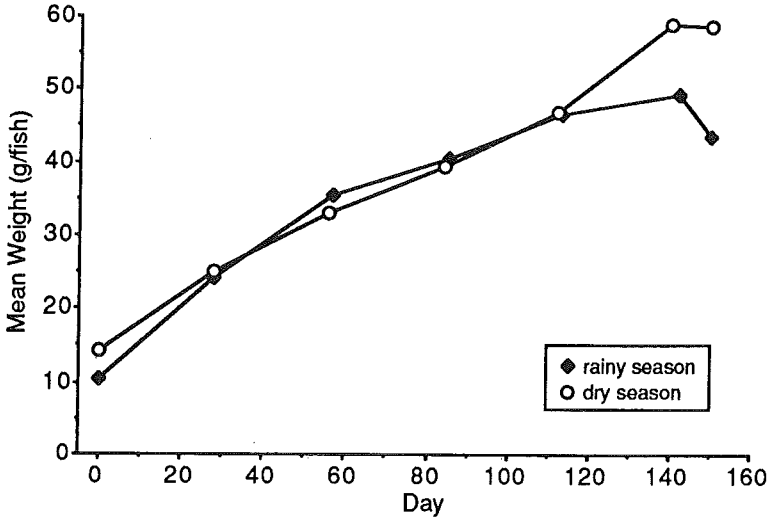

Figure 1. Growth of male *Oreochromis niloticus* (10,000/ha) in ponds during the Cycle I dry and rainy season experiments.

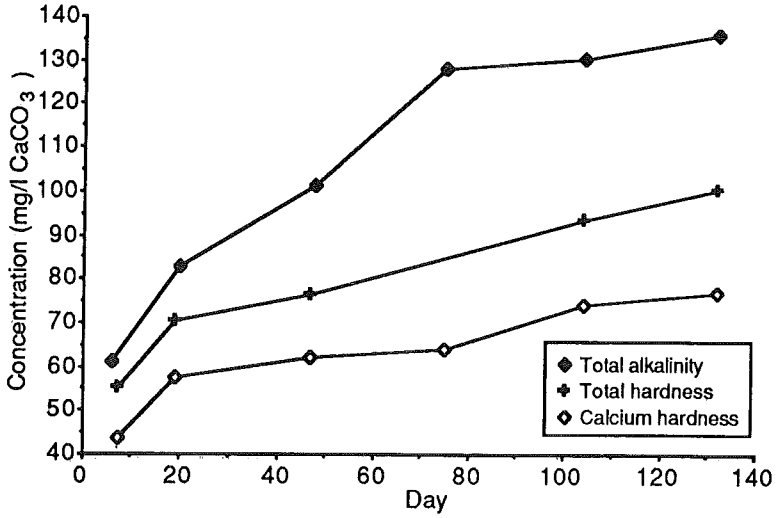

Figure 2. Mean total alkalinity, total hardness, and calcium hardness in ponds during the Cycle I dry season experiment.

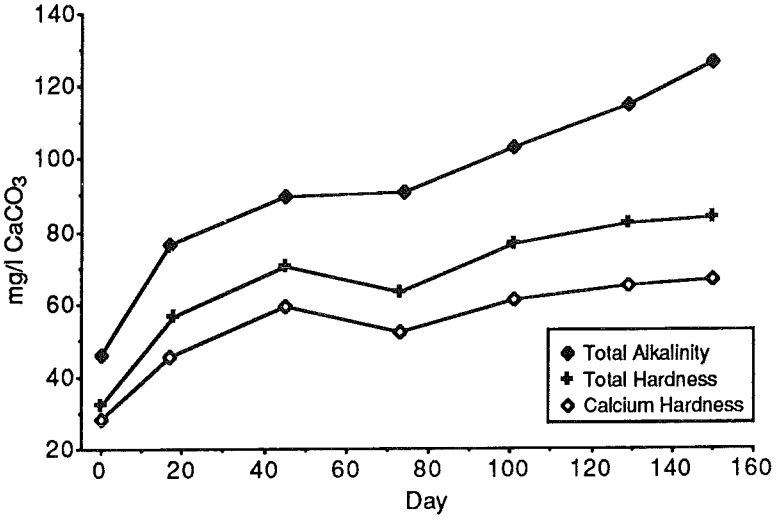

Figure 3. Mean total alkalinity, total hardness, and calcium hardness in ponds during the Cycle I rainy season experiment.

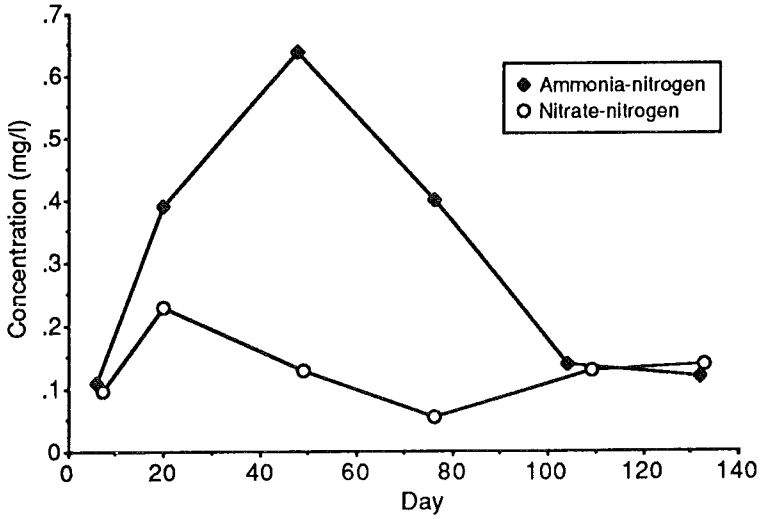

Figure 4. Mean ammonia-nitrogen and nitrate-nitrogen in ponds during the Cycle I dry season experiment.

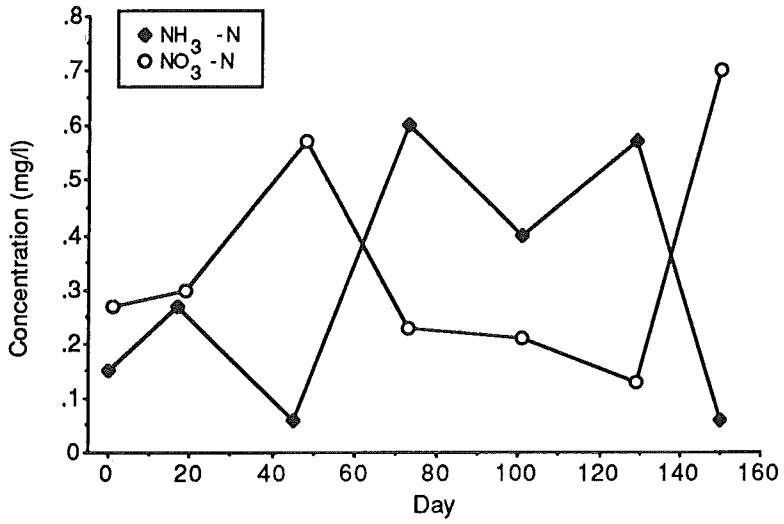

Figure 5. Mean ammonia-nitrogen and nitrate-nitrogen in ponds during the Cycle I rainy season experiment.

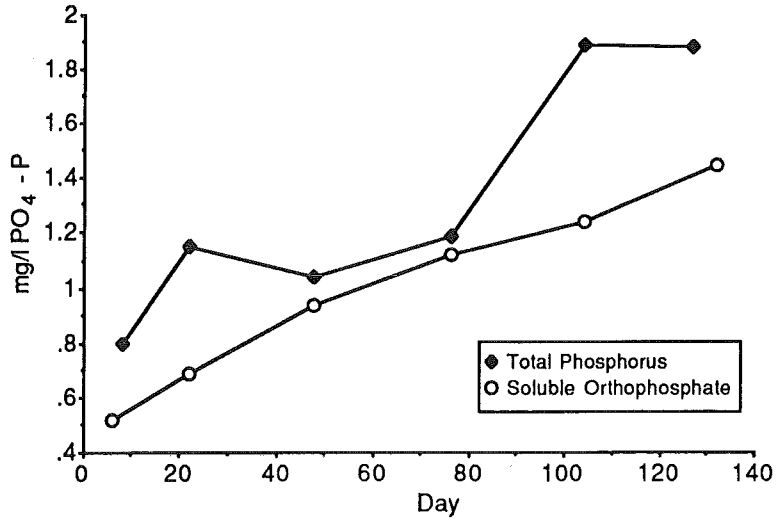

Figure 6. Mean total phosphorus and soluble orthophosphate in ponds during the Cycle I dry season experiment.

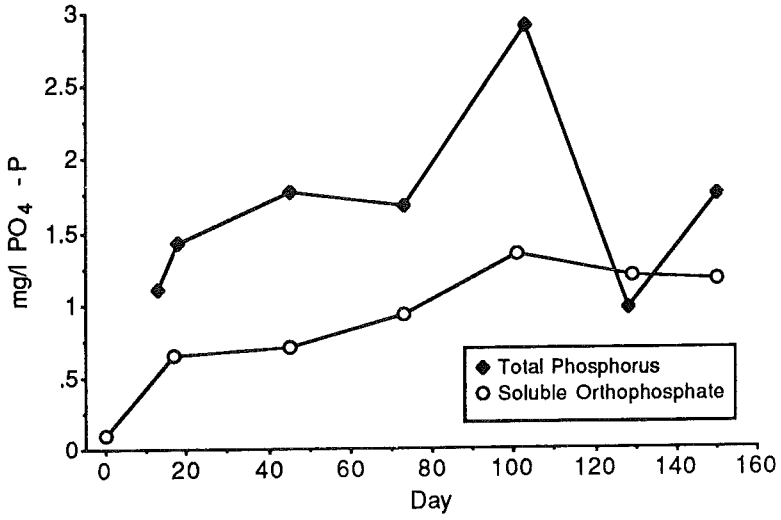

Figure 7. Mean total phosphorus and soluble orthophosphate in ponds during the Cycle I rainy season experiment.

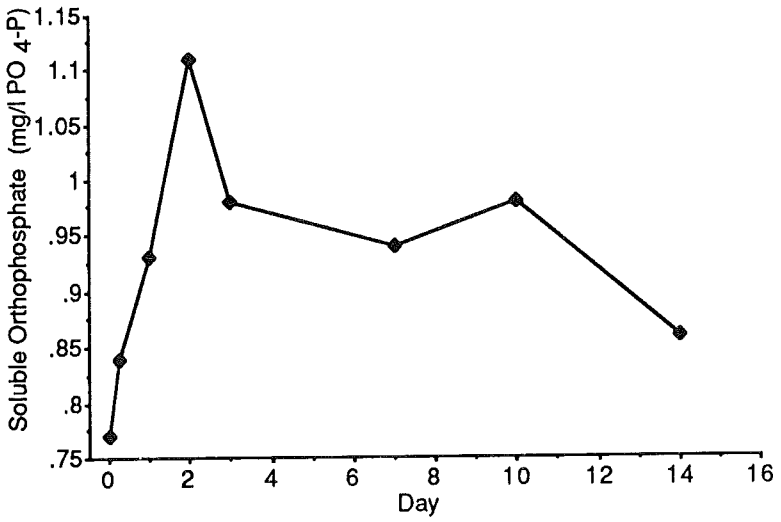

Figure 8. Example of change in mean soluble orthophosphate concentration in ponds over 14 days after fertilization with triple superphosphate (day 0), during the Cycle I dry and rainy season experiments..

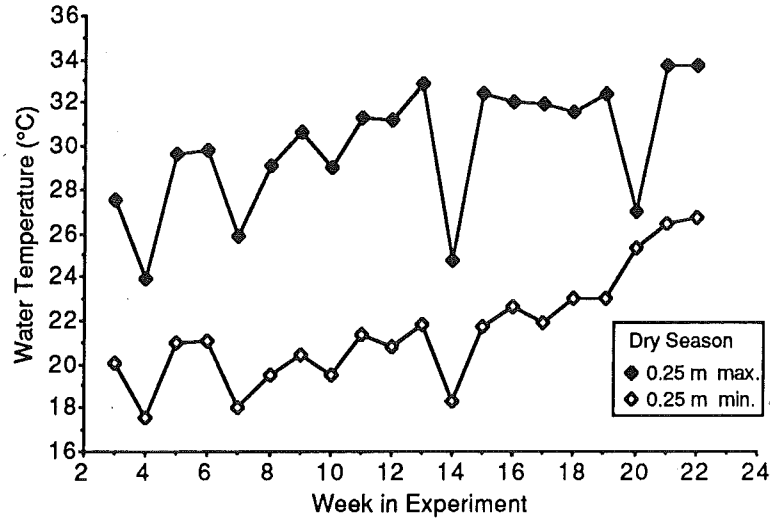

Figure 9. Mean weekly maximum - minimum water temperature at 0.25-m depth in ponds during the Cycle I dry season experiment.

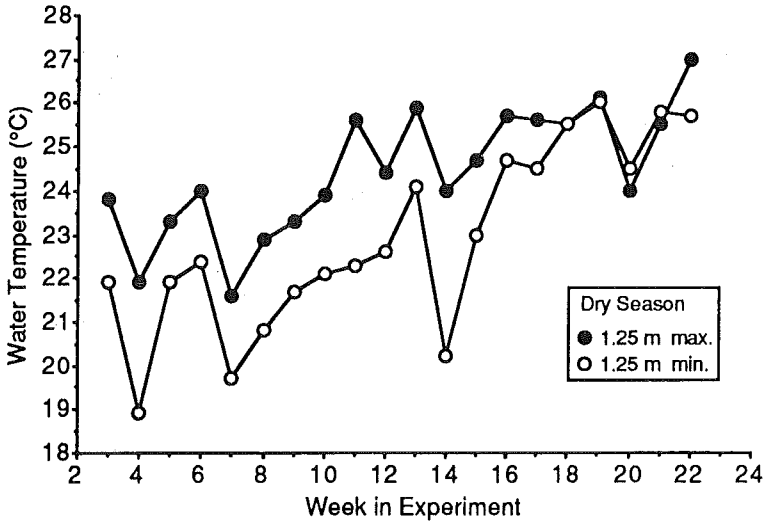

Figure 10. Mean weekly maximum - minimum water temperature at 1.25-m depth in ponds during the Cycle I dry season experiment.

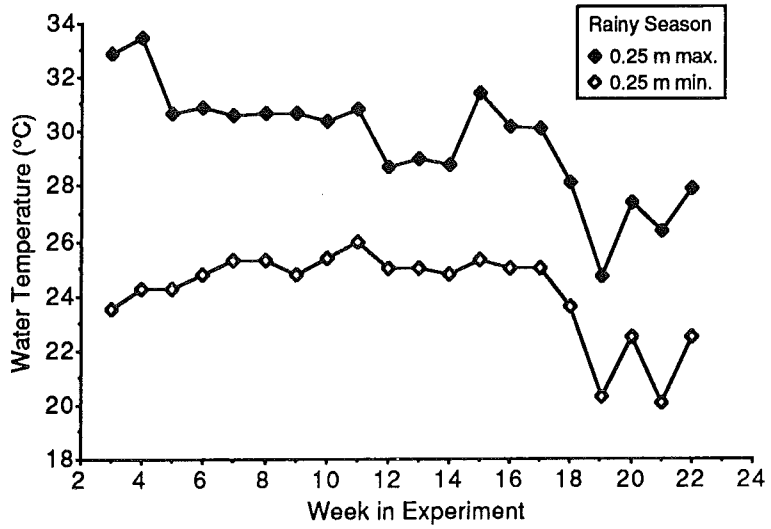

Figure 11. Mean weekly maximum - minimum water temperature at 0.25-m depth in ponds during the Cycle I rainy season experiment.

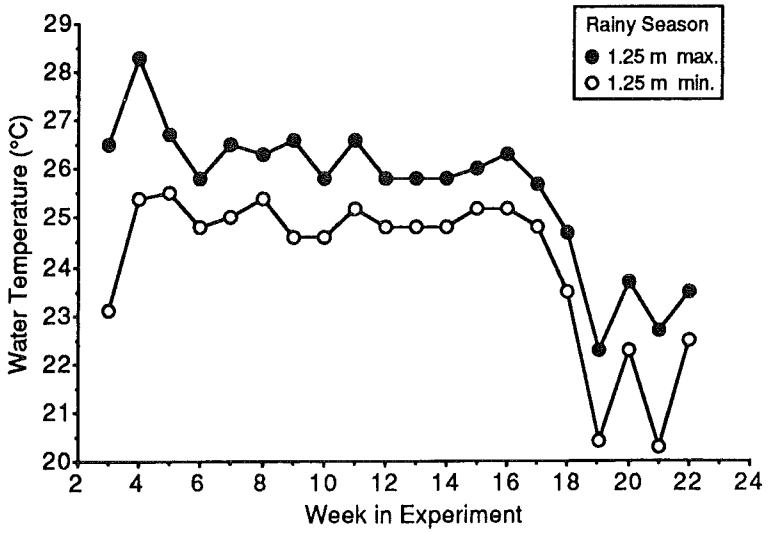

Figure 12. Mean weekly maximum - minimum water temperature at 1.25-m depth in ponds during the Cycle I rainy season experiment.

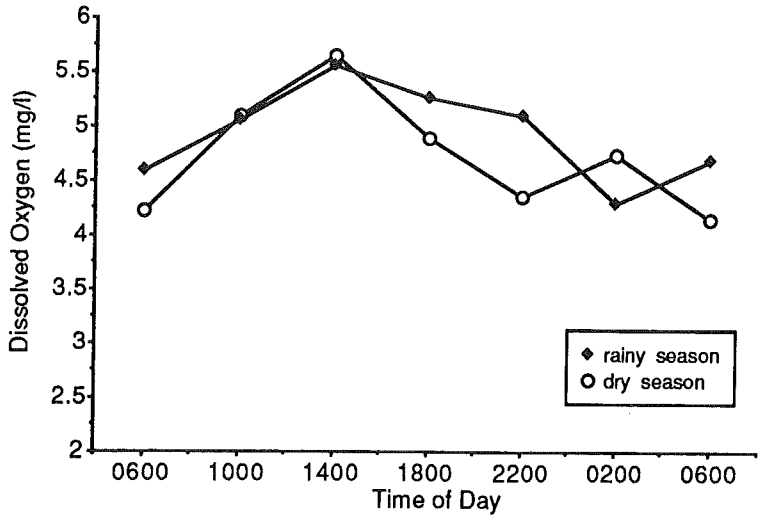

Figure 13. Mean diurnal change in dissolved oxygen in ponds during the Cycle I dry and rainy season experiments. Time of day in 24-hour time system.

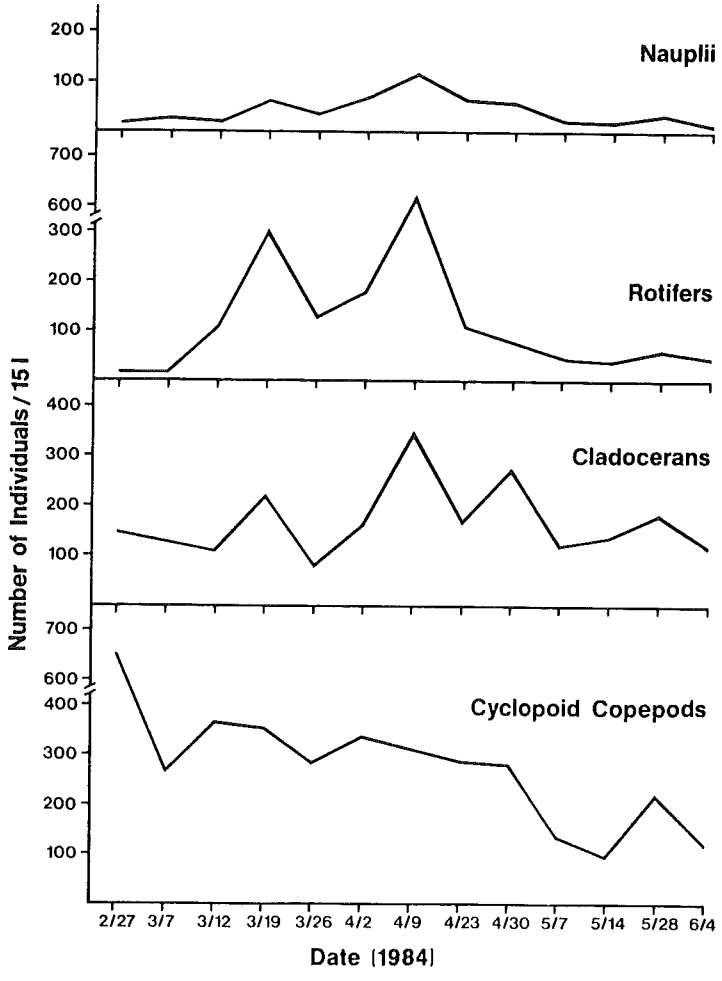

Figure 14. Zooplankton dynamics in ponds during the Cycle I dry season experiment.

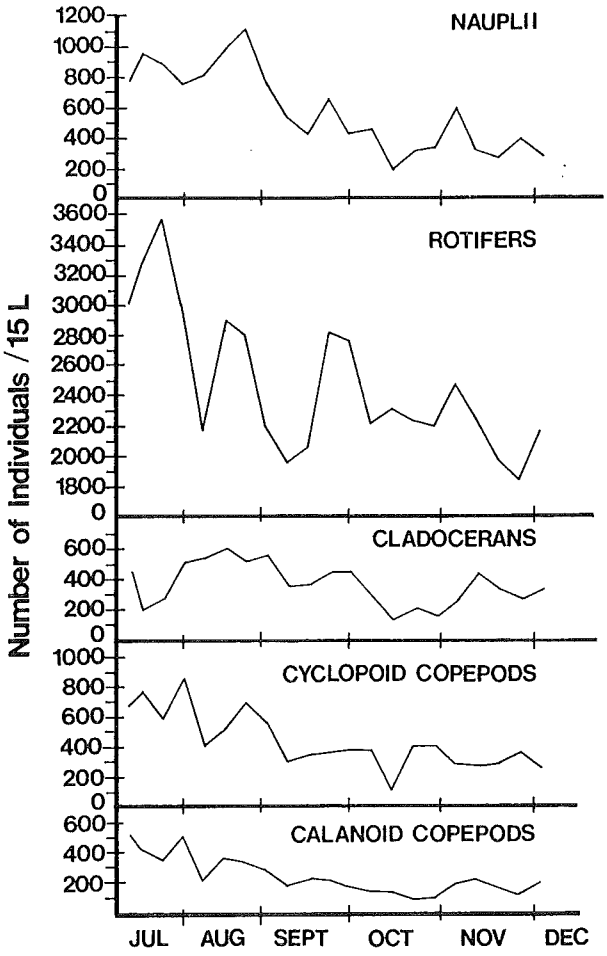

Figure 15. Zooplankton dynamics in ponds during the Cycle I rainy season experiment.

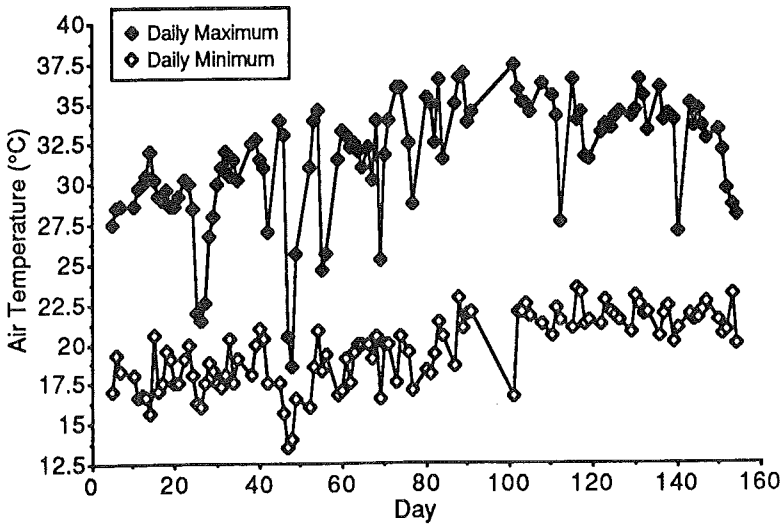

Figure 16. Mean daily maximum - minimum air temperatures during the Cycle I dry season experiment.

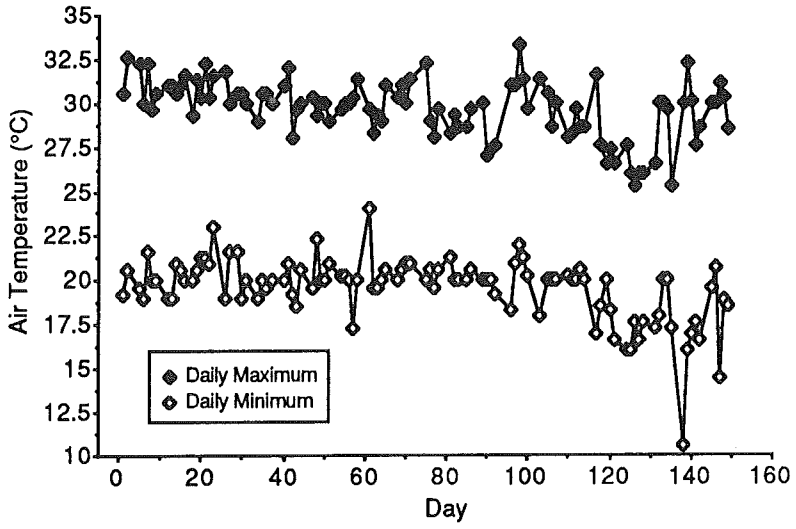

Figure 17. Mean daily maximum - minimum air temperatures during the Cycle I rainy season experiment.

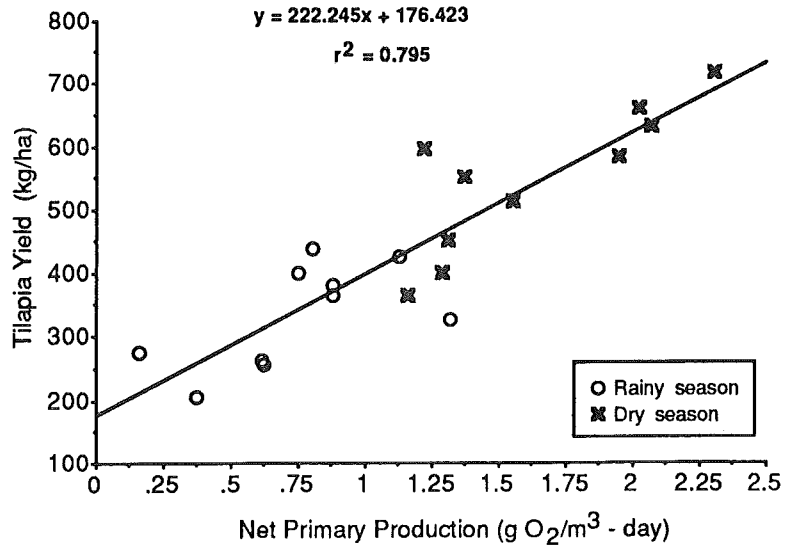

Figure 18. Relationship between mean tilapia yield and net primary productivity in ponds during the Cycle I dry and rainy season experiments.

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

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

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

Table 2. Daily Pond Measurements. Comayaga, Honduras, Cycle I, 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	DAY	MONTH	YEAR	POND#	DEPTH	INFLOW
20	7	1984	B10	1.2	26	7	1984	B09	1.16	
20	7	1984	B11	1.16	26	7	1984	B10	1.18	
20	7	1984	B12	1.13	26	7	1984	B11	1.1	
23	7	1984	B01	1.18	26	7	1984	B12	1.04	
23	7	1984	B02	1.2	29	7	1984	B01	1.16	
23	7	1984	B03	1.22	29	7	1984	B02	1.22	
23	7	1984	B04	1.24	29	7	1984	B03	1.22	
23	7	1984	B05	1.16	29	7	1984	B04	1.24	
23	7	1984	B06	1.17	29	7	1984	B05		
23	7	1984	B07	1.2	29	7	1984	B06	1.17	
23	7	1984	B08	1.18	29	7	1984	B07	1.2	
23	7	1984	B09	1.18	29	7	1984	B08	1.17	
23	7	1984	B10	1.2	29	7	1984	B09	1.17	
23	7	1984	B11	1.14	29	7	1984	B10	1.2	
23	7	1984	B12	1.08	29	7	1984	B11	1.12	
24	7	1984	B01	1.16	29	7	1984	B12	1.05	
24	7	1984	B02	1.2	30	7	1984	B01	1.14	
24	7	1984	B03	1.2	30	7	1984	B02	1.2	
24	7	1984	B04	1.24	30	7	1984	B03	1.2	
24	7	1984	B05	1.16	30	7	1984	B04	1.24	
24	7	1984	B06	1.16	30	7	1984	B05	1.03	
24	7	1984	B07	1.2	30	7	1984	B06	1.16	
24	7	1984	B08	1.16	30	7	1984	B07	1.2	
24	7	1984	B09	1.16	30	7	1984	B08	1.16	
24	7	1984	B10	1.2	30	7	1984	B09	1.16	
24	7	1984	B11	1.14	30	7	1984	B10	1.2	
24	7	1984	B12	1.06	30	7	1984	B11	1.12	
25	7	1984	B01	1.16	30	7	1984	B12	9.	
25	7	1984	B02	1.2	31	7	1984	B01	1.14	
25	7	1984	B03	1.2	31	7	1984	B02	1.2	
25	7	1984	B04	1.24	31	7	1984	B03	1.2	
25	7	1984	B05	1.14	31	7	1984	B04	1.22	
25	7	1984	B06	1.15	31	7	1984	B05	1.	
25	7	1984	B07	1.2	31	7	1984	B06	1.14	
25	7	1984	B08	1.16	31	7	1984	B07	1.2	
25	7	1984	B09	1.16	31	7	1984	B08	1.16	
25	7	1984	B10	1.18	31	7	1984	B09	1.16	
25	7	1984	B11	1.14	31	7	1984	B10	1.18	
25	7	1984	B12	1.06	31	7	1984	B11	1.12	
26	7	1984	B01	1.16	31	7	1984	B12	1.	
26	7	1984	B02	1.2	1	8	1984	B01	1.15	Y
26	7	1984	B03	1.2	1	8	1984	B02	1.2	
26	7	1984	B04	1.2	1	8	1984	B03	1.2	
26	7	1984	B05	1.14	1	8	1984	B04	1.24	
26	7	1984	B06	1.14	1	8	1984	B05	1.	
26	7	1984	B07	1.19	1	8	1984	B06	1.15	Y
26	7	1984	B08	1.16	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	DAY	MONTH	YEAR	POND#	DEPTH	INFLOW
24	8	1984	B04	1.2	30	8	1984	B03	1.18	
24	8	1984	B05	1.2	30	8	1984	B04	1.18	
24	8	1984	B06	1.8	30	8	1984	B05	1.18	
24	8	1984	B07	1.2	30	8	1984	B06	1.16	
24	8	1984	B08	1.2	30	8	1984	B07	1.18	
24	8	1984	B09	1.2	30	8	1984	B08	1.18	
24	8	1984	B10	1.2	30	8	1984	B09	1.16	
24	8	1984	B11	1.2	30	8	1984	B10	1.18	
24	8	1984	B12	1.18	30	8	1984	B11	1.18	
27	8	1984	B01	1.18	30	8	1984	B12	1.16	
27	8	1984	B02	1.18	31	8	1984	B01	1.16	Y
27	8	1984	B03	1.18	31	8	1984	B02	1.18	Y
27	8	1984	B04	1.18	31	8	1984	B03	1.18	Y
27	8	1984	B05	1.18	31	8	1984	B04	1.18	Y
27	8	1984	B06	1.18	31	8	1984	B05	1.17	Y
27	8	1984	B07	1.2	31	8	1984	B06	1.16	Y
27	8	1984	B08	1.18	31	8	1984	B07	1.18	Y
27	8	1984	B09	1.18	31	8	1984	B08	1.18	Y
27	8	1984	B10	1.18	31	8	1984	B09	1.16	Y
27	8	1984	B11	1.2	31	8	1984	B10	1.18	Y
27	8	1984	B12	1.18	31	8	1984	B11	1.18	Y
28	8	1984	B01	1.16	31	8	1984	B12	1.16	Y
28	8	1984	B02	1.18	3	9	1984	B01	1.24	
28	8	1984	B03	1.18	3	9	1984	B02	1.25	
28	8	1984	B04	1.18	3	9	1984	B03	1.24	
28	8	1984	B05	1.18	3	9	1984	B04	1.24	
28	8	1984	B06	1.18	3	9	1984	B05	1.26	
28	8	1984	B07	1.2	3	9	1984	B06	1.28	
28	8	1984	B08	1.18	3	9	1984	B07	1.24	
28	8	1984	B09	1.18	3	9	1984	B08	1.26	
28	8	1984	B10	1.18	3	9	1984	B09	1.24	
28	8	1984	B11	1.2	3	9	1984	B10	1.22	
28	8	1984	B12	1.16	3	9	1984	B11	1.24	
29	8	1984	B01	1.16	3	9	1984	B12	1.24	
29	8	1984	B02	1.18	4	9	1984	B01	1.24	
29	8	1984	B03	1.18	4	9	1984	B02	1.24	
29	8	1984	B04	1.18	4	9	1984	B03	1.24	
29	8	1984	B05	1.18	4	9	1984	B04	1.24	
29	8	1984	B06	1.17	4	9	1984	B05	1.26	
29	8	1984	B07	1.2	4	9	1984	B06	1.27	
29	8	1984	B08	1.18	4	9	1984	B07	1.24	
29	8	1984	B09	1.18	4	9	1984	B08	1.26	
29	8	1984	B10	1.18	4	9	1984	B09	1.24	
29	8	1984	B11	1.2	4	9	1984	B10	1.2	
29	8	1984	B12	1.16	4	9	1984	B11	1.24	
30	8	1984	B01	1.16	4	9	1984	B12	1.24	
30	8	1984	B02	1.18	5	9	1984	B01	1.26	

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

DAY	MONTH	YEAR	POND#	DEPTH	DAY	MONTH	YEAR	POND#	DEPTH
5	9	1984	B02	1.26	11	9	1984	B01	1.26
5	9	1984	B03	1.26	11	9	1984	B02	1.24
5	9	1984	B04	1.26	11	9	1984	B03	1.28
5	9	1984	B05	1.28	11	9	1984	B04	1.28
5	9	1984	B06	1.3	11	9	1984	B05	1.28
5	9	1984	B07	1.22	11	9	1984	B06	1.3
5	9	1984	B08	1.26	11	9	1984	B07	1.2
5	9	1984	B09	1.26	11	9	1984	B08	1.28
5	9	1984	B10	1.2	11	9	1984	B09	1.28
5	9	1984	B11	1.24	11	9	1984	B10	1.2
5	9	1984	B12	1.26	11	9	1984	B11	1.24
6	9	1984	B01	1.2	11	9	1984	B12	1.26
6	9	1984	B02	1.24	12	9	1984	B01	1.24
6	9	1984	B03	1.26	12	9	1984	B02	1.24
6	9	1984	B04	1.26	12	9	1984	B03	1.28
6	9	1984	B05	1.28	12	9	1984	B04	1.28
6	9	1984	B06	1.28	12	9	1984	B05	1.28
6	9	1984	B07	1.26	12	9	1984	B06	1.28
6	9	1984	B08	1.26	12	9	1984	B07	1.2
6	9	1984	B09	1.26	12	9	1984	B08	1.28
6	9	1984	B10	1.2	12	9	1984	B09	1.28
6	9	1984	B11	1.24	12	9	1984	B10	1.2
6	9	1984	B12	1.26	12	9	1984	B11	1.24
7	9	1984	B01	1.2	12	9	1984	B12	1.26
7	9	1984	B02	1.23	13	9	1984	B01	1.24
7	9	1984	B03	1.26	13	9	1984	B02	1.24
7	9	1984	B04	1.26	13	9	1984	B03	1.28
7	9	1984	B05	1.26	13	9	1984	B04	1.28
7	9	1984	B06	1.28	13	9	1984	B05	1.28
7	9	1984	B07	1.24	13	9	1984	B06	1.28
7	9	1984	B08	1.26	13	9	1984	B07	1.2
7	9	1984	B09	1.24	13	9	1984	B08	1.28
7	9	1984	B10	1.2	13	9	1984	B09	1.28
7	9	1984	B11	1.22	13	9	1984	B10	1.2
7	9	1984	B12	1.24	13	9	1984	B11	1.24
10	9	1984	B01	1.26	13	9	1984	B12	1.26
10	9	1984	B02	1.24	14	9	1984	B01	1.24
10	9	1984	B03	1.28	14	9	1984	B02	1.22
10	9	1984	B04	1.28	14	9	1984	B03	1.28
10	9	1984	B05	1.28	14	9	1984	B04	1.28
10	9	1984	B06	1.29	14	9	1984	B05	1.28
10	9	1984	B07	1.2	14	9	1984	B06	1.28
10	9	1984	B08	1.28	14	9	1984	B07	1.2
10	9	1984	B09	1.28	14	9	1984	B08	1.28
10	9	1984	B10	1.22	14	9	1984	B09	1.28
10	9	1984	B11	1.24	14	9	1984	B10	1.2
10	9	1984	B12	1.26	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	SECHII 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												77.39		8.2						0.73	0.865		
1	3	1984		B01																		0.115					
1	3	1984		B02																		0.115					
1	3	1984		B03																		0.127					
1	3	1984		B06																		0.13					
1	3	1984		B07																		0.125					
1	3	1984		B08																		0.125					
1	3	1984		B09																		0.195					
1	3	1984		B10																		0.085					
1	3	1984		B11																		0.1					
1	3	1984		B12																		0.195					
5	3	1984		B01	600	5.3	4.9	0.3	23.	23.5	22.5																
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																					12.	13.	
7	3	1984		B02																					18.	17.	
7	3	1984		B03																					15.5	13.	
7	3	1984		B06																					13.5	15.5	
7	3	1984		B07																					17.	19.5	
7	3	1984		B08																					16.	15.5	
7	3	1984		B09																					12.5	13.5	
7	3	1984		B10																					11.5	13.	
7	3	1984		B11																					13.5	12.5	
7	3	1984		B12																					12.	12.	
12	3	1984		B01	600	3.3	4.5	0.2	23.	23.	23.																
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																					11.	12.5	
14	3	1984		B02																					19.	14.	
14	3	1984		B03																					13.5	15.	
14	3	1984		B06																					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 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	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	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	4	1984		B12	600	4.	3.9	3.1	25.	25.	25.							8.15				0.155					
9	5	1984		B01																					11.	13.5
9	5	1984		B02																					13.75	15.
9	5	1984		B03																					13.5	13.
9	5	1984		B06																					10.25	11.25
9	5	1984		B07																					21.5	21.25
9	5	1984		B08																					16.5	15.5
9	5	1984		B09																					16.25	16.5
9	5	1984		B10																					12.5	10.75
9	5	1984		B11																					11.75	12.25
9	5	1984		B12																					10.	10.
14	5	1984		B01	600	4.8	4.6	4.3	25.	25.	25.													1.03		
14	5	1984		B02	600	4.7	4.5	4.3	25.	25.	25.													1.62		
14	5	1984		B03	600	4.85	4.85	4.7	25.	25.	25.													1.42		
14	5	1984		B06	600	4.7	4.7	4.65	25.	25.	25.													0.74		
14	5	1984		B07	600	5.1	5.1	4.8	25.	25.	25.													1.08		
14	5	1984		B08	600	4.7	4.6	4.45	25.	25.	25.													1.58		
14	5	1984		B09	600	4.9	4.8	4.7	25.	25.	25.													1.65		
14	5	1984		B10	600	4.7	4.6	4.5	24.5	24.5	24.5													1.66		
14	5	1984		B11	600	4.6	4.6	4.6	24.5	24.5	24.5													1.64		
14	5	1984		B12	600	4.2	4.2	4.2	25.	25.	25.													1.24		
16	5	1984		B01																			1.912	1.4		
16	5	1984		B02																			2.193	3.2		
16	5	1984		B03																			2.035	1.84		
16	5	1984		B06																			1.243	1.04		
16	5	1984		B07																			1.625	1.2		
16	5	1984		B08																			2.12	1.84		
16	5	1984		B09																			1.55	1.76		
16	5	1984		B10																			2.27	1.98		
16	5	1984		B11																			2.205	2.		
16	5	1984		B12																			1.74	1.36		
17	5	1984		B01																			1.67	1.36		
17	5	1984		B02																			2.22	1.86		
17	5	1984		B03																			2.07	1.6		
17	5	1984		B06																			1.26	0.9		
17	5	1984		B07																			1.65	1.28		
17	5	1984		B08																			2.13	1.76		
17	5	1984		B09																			2.15	1.86		
17	5	1984		B10																			2.18	1.88		
17	5	1984		B11																			2.	1.8		
17	5	1984		B12																			1.95	2.28		
18	5	1984		B01																			1.84			
18	5	1984		B02																			2.07			
18	5	1984		B03																			2.11			
18	5	1984		B06																			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																					13.	15.
6	6	1984		B02																					15.5	17.
6	6	1984		B03																					13.5	15.
6	6	1984		B06																					10.	11.5
6	6	1984		B07																					24.5	22.5
6	6	1984		B08																					16.	17.5
6	6	1984		B09																					17.5	14.
6	6	1984		B10																					10.	9.5
6	6	1984		B11																					11.5	10.
6	6	1984		B12																					9.5	9.5
11	6	1984		B01	600	3.7	3.6	2.7	27.	27.	27.							7.9									
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?	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
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?	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
24	7	1984		B06	1400																		1.53	0.7		
24	7	1984		B07	1400																		1.02	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		B10	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	SECHII DISK A	SECHII 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		B09	600	4.2	4.2	3.7	26.	26.	26.					87.12		8.2		0.298					0.67		
31	7	1984		B10	600	4.3	4.2	3.7	26.	26.	26.					82.17		8.1		0.248					0.775		
31	7	1984		B11	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?	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	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	26.	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.							8.26									
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?	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
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?	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	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	19[illegible]		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?	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
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		B08	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. 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
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	8.5
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																					10.5	12.5
31	10	1984		B02																					9.5	8.5
31	10	1984		B03																					11.5	10.5
31	10	1984		B04																					14.5	15.
31	10	1984		B05																					15.5	16.5
31	10	1984		B06																					13.	12.5
31	10	1984		B07																					12.	12.5
31	10	1984		B08																					9.	10.5
31	10	1984		B09																					9.5	9.5
31	10	1984		B10																					9.	9.5
31	10	1984		B11																					11.	9.5

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
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							8.3						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	198-		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?	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
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						1.28		
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?	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	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																					9.5	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	1.3		
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	POND#	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	POND#	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	PONDR	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.	5.5	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	PONDR	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	POND#	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	POND#	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	190.
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. Comayaga, 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	J02								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	PONDN	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.	8.9	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

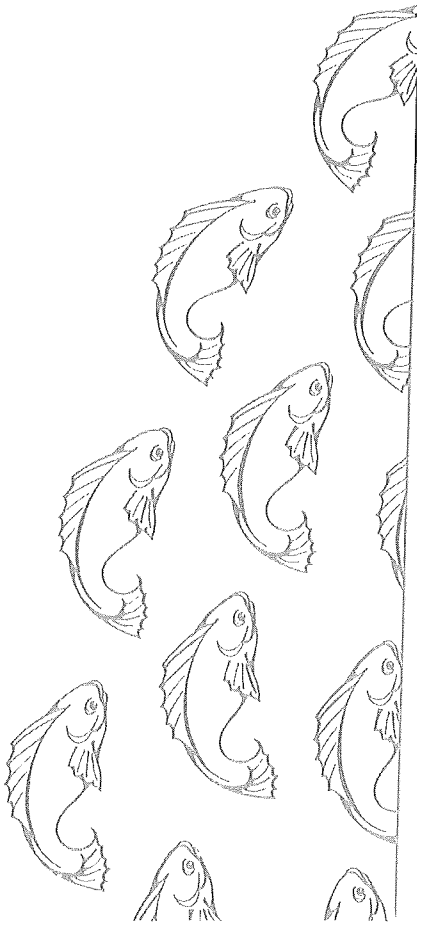
DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY	INORGAN. TYPE	INORGAN. QUANTITY
3	7	1984	B01					TSP	5.3
3	7	1984	B02					TSP	5.3
3	7	1984	B03					TSP	5.3
3	7	1984	B04					TSP	5.3
3	7	1984	B05					TSP	5.3
3	7	1984	B06					TSP	5.3
3	7	1984	B07					TSP	5.3
3	7	1984	B08					TSP	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