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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 III of the Global Experiment in Honduras is presented in this volume.

INTRODUCTION

The Pond Dynamics/Aquaculture CRSP has been studying the dynamics of tilapia production ponds in the tropics subjected to differing nutrient additions since the initiation of field experiments in January 1984. A low level of phosphorus, as triple-superphosphate, was added to ponds during the rainy and dry seasons of the first year's experiments; fish yield was less than half that expected due to, in the case of Honduras, severe clay turbidity in all ponds (Green et al., 1986). During the Cycle II dry season, organic and inorganic forms of nutrients were tested (Green et al., 1987). Similar amounts of nitrogen and phosphorus as layer chicken litter, dairy cow manure, or chemical fertilizer (urea and triple-superphosphate) were added to ponds. Fish yields were greater when organic fertilizer was used. However, in the chemical fertilizer treatment fish yield was greater than that obtained during the first year's experiments, probably resulting from the greater quantities of phosphorus added, the inclusion of nitrogen, or a combination of both factors (Green et al., 1987). Fish yield during the Cycle II rainy season was also greater when chicken litter was the nutrient source (Green et al., 1988). Hence, organic fertilization consistently resulted in greater fish yield than did chemical fertilization, as both autotrophic and heterotrophic production were stimulated by the former; also, fish may have consumed some manure directly.

In an attempt to generate information of more immediate practical applicability to the host countries, and because chicken litter had proven to be a productive nutrient source, the CRSP initiated the present study to determine the yield of tilapia in ponds fertilized with differing rates of chicken litter. Weekly applications of layer chicken litter were made at rates of, on a total solids (TS) basis: 125 kg, 250 kg, 500 kg, and 1000 kg/ha. Additionally, the effect of season on tilapia yield was studied.

MATERIALS AND METHODS

Twelve 0.1-ha earthen ponds located on the "El Carao" Aquacultural Experiment Station, in Comayagua, Honduras, were used during this study. Chicken litter, obtained from a local commercial layer operation, was purchased in bulk for each experiment and stored in woven plastic sacks under cover until broadcast over the pond surface at specified treatment rates. Three ponds were randomly assigned to each treatment during each season. Manure total solids was determined prior to each application, with the wet weight of manure applied being corrected accordingly. The nitrogen, phosphorus, potassium, and organic matter content of the manure was determined (Jackson, 1958).

Ponds were stocked with populations of male *Oreochromis niloticus* (Egna et al., 1987). Mean fingerling weight (g/fish) was 26.1 and 36.6 during the rainy and dry season, respectively. Ponds were stocked on 5 June 1986 for the rainy season experiment; all ponds were harvested on 5 November 1986, 152 days after stocking. Ponds for

the dry season experiment were stocked on 7 February 1987 and harvested on 8 July 1987, 150 days later. Ponds were managed according to guidelines given in Egna et al. (1987).

Selected water chemistry variables were determined on a weekly basis, meterological variables were measured 5 days per week, and water and mud samples were analyzed at the beginning and end of each experiment (Egna et al., 1987). The free-water diurnal curve method (Hall and Moll, 1975) was used to measure primary productivity every 2 weeks; measurements were made at 4-hour time and at 0.25-m depth intervals. Values were corrected for oxygen diffusion across the air-water interface using an empirical relationship which relates the oxygen transfer coefficient to wind speed (Banks and Herrera, 1977).

Data were analyzed using analysis of variance and regression analysis; when necessary , log transformation of data was carried out (Feldman and Gagnon, 1986). Data were reported as means by pond, and means ± standard error by treatment; differences between treatments were determined using the t-test. Differences were declared significant at alpha level 0.05.

RESULTS

FISH YIELD

Tilapia yield increased as the rate of chicken litter application increased, and ranged from 934 to 2451 kg/ ha in 152 days, and from 1085 to 2363 kg/ha in 150 days during the rainy and dry seasons (Table 1, Figure 1). Mean individual weights of stocked fish at harvest ranged from 91.1 to 221.4 g and from 106.6 to 279.5 g during the rainy and dry seasons. Reproduction occurred in ponds during both seasons, although independently of fertilization rate; reproduction represented from 4.0 to15.3% and 0 to 7.9% of the fish yield during the rainy and dry seasons. Reduced amounts of reproduction were observed when a larger sized fingerling was sexed (as during the dry season).

No seasonal differences in yield, net total yield, or daily yield were observed (Table 2). Greater reproduction was observed in the 250 and 500 kg/ha fertilization rates during the rainy season, indicating that the larger the fingerling at sexing, the more effective the separation of sexes. In the 1000 kg/ha per week treatment, fish survival was greater during the wet season; however, yield was not affected as the individual weight of fish harvested during the dry season was greater. Pooled tilapia yield (y) data and manure application rate (x) were subjected to regression analysis resulting in a quadratic relationship ($y = 864.6 + 2.80x - 0.001x^2$, $r^2 = 0.897$) (Figure 2).

WATER QUALITY VARIABLES

Mean water quality variables are summarized by pond in Tables 3 and 4, and by treatment in Figures 3 to 10. Water quality variable treatment means and comparisons (t-test) are shown in Table 5.

BIOLOGICAL VARIABLES

Secchi Disk Visibility

Mean Secchi disk visibility ranged from 9.2 to 21.5 cm during the rainy season and from 12.7 to25.0 cm during the dry season. Differences were observed among treatment means during the rainy season: means in the 250 and 500 kg treatments were similar. The 125 kg treatment mean was significantly less than all other means, and the 1000 kg treatment mean was significantly greater than all other means. During the dry season, mean Secchi disk visibility was similar in the 125, 250, and 500 kg treatments, and less than the mean for the 1000 kg treatment. The only seasonal difference observed was for the 1000 kg treatment where mean visibility was greater during the dry season. As in previous experimental cycles, clay turbidity interfered with Secchi disk readings.

Chlorophyll a

Mean chlorophyll a concentrations varied from 27.98 to 167.89 and from 43.50 to 209.76 mg/m^3 during the rainy and dry seasons. Significant increases in mean chlorophyll a concentrations were obtained with increases in the amount of chicken litter applied (Figure 11). Mean chlorophyll a concentrations were similar during both seasons in all treatments except for the 125 kg/ha per week treatment where the dry season mean was greater.

Primary Productiity and Community Respiration

Primary productivity and community respiration are summarized as means by pond (Table 6), and as seasonal comparisons by treatment (Table 7). Mean net primary productivity ranged from 1.15 to 6.45 and from 1.49 to 7.90 g O_2/m^3 per day during the rainy and dry seasons. The same ranges for gross primary productivity were 3.61 to 14.17 and 4.59 to 15.52 g O_2/m^3 per day. Community respiration means varied from 4.46 to 15.44 and from 6.20 to15.23 g O_2/m^3 per day during the rainy and dry seasons. Net and gross primary productivity and community respiration all increased significantly with increasing rates of fertilization (Figures 12-14). Net primary productivity was greater during the dry season for the 500 and 1000 kg/ha per week treatments. Community respiration and gross primary productivity were similar during both the rainy and dry seasons for all treatments.

Manure

The layer chicken litter (consisting of pine sawdust, manure, feathers and waste feed) used in both studies was obtained from the same source and had the following mean ± SD nutrient concentrations, expressed as % of total solids, during the rainy and dry seasons, respectively: total nitrogen: 2.24 ± 0.10 and 2.17 ± 0.15; phosphorus: 1.12 ± 0.10 and 1.25 ± 0.05; and, total solids: 88.25 ± 1.86 and 89.47 ± 2.06.

Soils

Results from initial and final soil analyses for each season are shown in Tables 8 and 9. During the rainy season: no changes in total N were observed within treatments; P declined, but was significant only in the 125 kg/ha per week treatment; cation exchange capacity (CEC) was similar except in the 125 kg treatment where it increased; and soil pH generally decreased, although only in the 125 kg/ha per week treatment was it significant. During the dry season: soil organic matter increased significantly in the 500 and 1000 kg/ha per week treatments; total N increased in all treatments as did P; CEC was unchanged; and pH, although lower in all treatments, was significant only in the 1000 kg/ha per week treatment.

Minor Elements in Water

Results of minor element analyses of pond water are presented in Table 10 and 11. Final concentrations within treatments were generally greater during both seasons for Cl, Ca, Fe, Mg, K, Cu, and Zn.

Meterological Variables

Weather data are shown by month in Table 12.

RELATIONSHIPS AMONG VARIABLES

Regression analyses were performed among selected variables. Tilapia yield was correlated with net and gross primary productivity, community respiration, and chlorophyll a concentration (Figures 15-18). Net and gross primary productivity, and community respiration each correlated with chlorophyll a (Figures 19-21). Neither tilapia production nor chlorophyll a concentration correlated with Secchi disk visibility, due to the inhibitory effect of the clay turbidity in ponds on Secchi disk visibility.

DISCUSSION

Chicken litter, independent of application rate, was effective in stimulating tilapia growth. However, season did not significantly affect fish yield, water quality variables or indicators of primary productivity. Fish yields obtained during these two experiments were the greatest yet obtained during the Honduras Pond Dynamics/Aquaculture CRSP. Cycle II results demonstrated that chicken litter, applied at 500 kg/ha per week, was a more effective fertilizer for increasing fish yield than fresh cow manure or high doses of chemical fertilizer (Green et al., 1987). Tilapia yield was further increased through greater applications of chicken litter as demonstrated by the results of the Cycle III studies. Layer chicken litter applied at 1000 kg/ha per week resulted in the greatest tilapia yield Significant increases in tilapia yield would not result from manure applications greater than 1000 kg/ha per week as chronic low dissolved oxygen and deteriorated water quality would result in increased tilapia mortality (McGeachin and Stickney, 1982; Hopkins et al., 1983). At the highest rate of manure application in the Cycle III studies, 143 kg/ha per day of dry matter were applied to the ponds. Rates of up to 210 kg/ha per day dry matter have been added to ponds with no adverse consequences, but for short duration (Moav et al., 1977). Hepher and Pruginin (1981) recommended a maximum application of 120 kg/ha per day dry matter as manure.

LITERATURE CITED

Banks, R.B. and F.F. Herrera. 1977. Effect of wind and rain on surface reaeration. J. Environ. Eng. Div., Am. Soc. Civil Eng., Vol. 103, No. EE3, pp. 489-504.

Egna, H.S, N. Brown, and M. Leslie. 1987. Pond dynamics/aquaculture CRSP data reports, vol. 1. General reference: site descriptions, materials and methods for the global experiment. Office of International Research and Development, Oregon State Univ., Corvallis, OR, 84 pp.

Feldman, D.S, and J. Gagnon. 1986. StatView 512+. BrainPower, Inc., Calabasas, CA.

Green, B.W., H.R. Alvarenga, R.P. Phelps, and J. Espinoza. 1986. Honduras Aquaculture CRSP Technical Report: Cycle I Rainy and Dry Seasons. Dept. of Fisheries and Allied Aquacultures, Auburn Univ., AL.

Green, B.W., H.R. Alvarenga, R.P. Phelps, and J. Espinoza. 1987. Honduras Aquaculture CRSP Technical Report: Cycle II Dry Season. Dept. of Fisheries and Allied Aquacultures, Auburn Univ., AL.

Green, B.W., H.R. Alvarenga, R.P. Phelps, and J. Espinoza. 1988. Honduras Aquaculture CRSP Technical Report: Cycle II Rainy Season. Dept. of Fisheries and Allied Aquacultures, Auburn Univ., AL.

Hall, C.A.S. and R. Moll. 1975. Methods of assessing aquatic primary productivcity. In: H. Lieth and R.H. Whittaker (Editors), Primary Productivity of the Biosphere. Springer-Verlag, New York, New York.

Hepher, B., and Y. Pruginin. 1981. Commercial fish farming. John Wiley & Son, New York.

Hopkins, K., P. Inocencio, and E.M. Cruz. 1983. Water quality in integrated livestock-fish ponds. J. World Maricult. Soc., 14:495-504.

Jackson, M. L. 1958. Soil Chemical Analysis. Prentice-Hall, Englewood Cliffs, NJ.

McGeachin, R.B. and R.R. Stickney. 1982. Manuring rates for production of blue tilapia in simulated sewage lagoons receiving laying hen waste. Prog. Fish Cult., 44(1):25-28.

Moav, R., G. Wohlfarth, G. L. Schroeder, G. Hulata and H. Barash. 1977. Inexpensive polyculture of fish in freshwater ponds. I. Substitution of expensive feeds by liquid cow manure. Aquaculture, 35:29-42.

Table 1. Summary of Oreochromis niloticus yield (10,000 males/ha), by season, in 0.1-ha earthen ponds fertilized with chicken litter.

Season	Pond	Chicken Litter (kg/ha per wk)	Initial Weight (g/fish)	Fish Survival (%)	Final Weight (g/fish)	Yield (kg/ha)	Net Yield (kg/ha)	Net Yield Initial Stock (kg/ha)
Rainy	1	500	21.4	91.1	183.7	2007	1793	1571
Rainy	2	250	27.6	87.7	142.0	1426	1146	997
Rainy	3	500	25.9	93.2	172.4	1852	1589	1405
Rainy	4	1000	26.0	98.2	221.4	2451	2187	2007
Rainy	5	1000	27.9	95.9	209.5	2210	1927	1797
Rainy	6	1000	28.3	95.7	195.0	2312	2025	1672
Rainy	7	250	25.8	97.5	147.7	1750	1488	1309
Rainy	8	125	26.3	93.0	91.1	934	667	630
Rainy	9	125	25.7	95.0	143.5	1487	1226	1158
Rainy	10	250	25.9	93.0	174.6	1771	1508	1362
Rainy	11	500	25.9	94.7	175.2	1811	1548	1398
Rainy	12	125	26.1	94.4	109.1	1116	841	722
Dry	1	500	36.5	89.8	193.1	1865	1496	1431
Dry	2	125	35.8	94.5	115.1	1085	723	722
Dry	3	500	36.8	90.9	208.1	1876	1504	1504
Dry	4	1000	36.2	84.6	268.8	2363	1997	1982
Dry	5	250	35.6	91.2	145.1	1463	1103	1034
Dry	6	125	36.5	93.0	106.6	1103	734	647
Dry	7	250	40.2	100.0	158.2	1616	1209	1200
Dry	8	1000	36.3	84.0	279.5	2322	1955	1955
Dry	9	1000	37.1	86.0	255.1	2314	1939	1802
Dry	10	125	35.8	91.3	128.5	1248	886	843
Dry	11	500	37.4	92.7	206.7	2006	1628	1568
Dry	12	250	35.5	96.3	125.3	1197	838	810

Table 2. Seasonal comparison of Oreochromis niloticus yield (10,000 males/ha) in 0.1-ha earthen ponds fertilized with chicken litter.

Chicken Litter (kg/ha/wk)	Variable	Rainy Season		Dry Season		t- Value
		Mean	S.E.	Mean	S.E.	
125	Yield (kg/ha)	1179	162	1145	52	0.198
	Reproduction (kg/ha)	61	12	43	25	0.639
	Net yield (kg/ha)	915	164	781	53	0.774
	Net daily yield (kg/ha per d)	6	1.1	5.2	0.4	0.728
	Survival (%)	94.1	0.6	92.9	0.9	1.110
	Individual weight (g/fish)	114.6	15.4	116.7	6.4	-0.130
250	Yield (kg/ha)	1649	112	1426	122	1.348
	Reproduction (kg/ha)	158	10	35	18	5.963**
	Net yield (kg/ha)	1381	117	1050	111	2.052
	Net daily yield (kg/ha per d)	9.1	0.8	7	0.7	1.881
	Survival (%)	92.7	2.8	96.7	3.3	-0.912
	Individual weight (g/fish)	154.8	10.0	142.9	9.7	0.858
500	Yield (kg/ha)	1890	60	1915	45	-0.338
	Reproduction (kg/ha)	185	21	41	21	4.887**
	Net yield (kg/ha)	1643	76	1543	43	1.157
	Net daily yield (kg/ha per d)	10.8	0.5	10.2	0.3	1.006
	Survival (%)	93.0	1.0	91.1	0.8	1.408
	Individual weight (g/fish)	177.1	3.4	202.6	4.8	-4.352**
1000	Yield (kg/ha)	2324	70	2333	15	-0.124
	Reproduction (kg/ha)	221	68	51	43	2.127
	Net yield (kg/ha)	2046	76	1964	17	1.063
	Net daily yield (kg/ha per d)	13.5	0.5	13.1	0.1	0.756
	Survival (%)	96.6	0.8	84.8	0.6	11.620**
	Individual weight (g/fish)	208.6	7.6	267.8	7.1	-5.690**

** Significantly different ($P \leq 0.01$).

Table 3. Means of water quality variables of 0.1-ha ponds stocked with Oreochromis niloticus (10,000 males/ha) and fertilized with chicken litter during the rainy season of the Cycle 3 CRSP.

Pond	Chicken Litter (kg/ha/wk)	Soluble o-Phos. (mg/l PO4-P)	Total Phosphorus (mg/l PO4-P)	Organic Nitrogen (mg/l)	Ammonia Nitrogen (mg/l NH3-N)	Nitrate Nitrogen (mg/l NO3-N)	Nitrite Nitrogen (mg/l NO2-N)
1	500	3.98	5.22	2.11	0.06	0.01	0.001
2	250	2.90	3.86	1.49	0.09	0.02	0.003
3	500	3.92	5.00	1.88	0.08	0.01	0.002
4	1000	4.59	6.29	2.74	0.09	0.01	0.002
5	1000	4.77	6.62	2.77	0.09	0.01	0.002
6	1000	2.02	2.79	1.92	0.06	0.01	0.002
7	250	2.69	3.49	1.62	0.05	0.00	0.001
8	125	2.70	3.34	1.33	0.06	0.01	0.003
9	125	1.82	2.61	1.32	0.07	0.01	0.002
10	250	5.18	6.24	1.94	0.05	0.01	0.002
11	500	4.60	5.99	2.23	0.06	0.01	0.002
12	125	0.66	1.02	1.14	0.04	0.01	0.002

Pond	Total Alkalinity (mg/l CaCO3)	Total Hardness (mg/l CaCO3)	Chlorophyll a (mg/m3)	Secchi Disk Visibility (cm)	Early Morning pH	Early Morning Dissolved Oxygen (mg/l)	Early Morning Water Temperature (°C)
1	111.63	104.86	125.68	18.8	7.74	0.89	25.7
2	130.19	106.90	55.10	11.6	7.75	1.19	25.2
3	144.03	125.56	109.20	14.5	7.76	0.61	25.7
4	199.23	162.19	153.26	21.5	7.76	0.21	25.9
5	193.84	160.52	159.67	20.1	7.79	0.30	26.0
6	88.78	91.41	167.89	20.7	7.63	0.39	26.1
7	117.39	106.29	68.60	19.3	7.90	2.53	25.7
8	107.90	93.53	30.30	9.2	7.82	2.68	25.1
9	125.98	101.04	27.98	13.3	7.81	1.97	25.6
10	155.21	111.58	86.17	16.7	7.80	0.54	25.7
11	165.10	120.22	112.79	15.7	7.86	0.35	25.9
12	71.83	67.97	33.47	11.6	7.79	3.20	25.5

Table 4. Means of water quality variables of 0.1-ha ponds stocked with Oreochromis niloticus (10,000 males/ha) andfertilized with chicken litter during the dry season of the Cycle 3 CRSP.

Pond	Chicken Litter (kg/ha/wk)	Soluble o-Phos. (mg/l PO4-P)	Total Phosphorus (mg/l PO4-P)	Organic Nitrogen (mg/l)	Ammonia Nitrogen (mg/l NH3-N)	Nitrate Nitrogen (mg/l NO3-N)	Nitrite Nitrogen (mg/l NO2-N)
1	500	4.13	5.02	2.36	0.05	0.01	0.001
2	125	2.06	2.59	1.45	0.04	0.01	0.001
3	500	4.42	5.17	2.17	0.05	0.01	0.001
4	1000	6.02	7.67	2.99	0.10	0.01	0.002
5	250	4.21	5.04	1.57	0.04	0.01	0.002
6	125	0.68	1.13	1.08	0.03	0.01	0.002
7	250	3.37	3.55	1.59	0.04	0.01	0.002
8	1000	5.92	7.35	2.57	0.08	0.01	0.002
9	1000	5.46	7.11	2.67	0.09	0.01	0.003
10	125	3.09	3.59	1.46	0.07	0.01	0.006
11	500	4.75	5.79	2.30	0.05	0.01	0.003
12	250	1.38	1.75	1.24	0.02	0.01	0.002

Pond	Total Alkalinity (mg/l CaCO3)	Total Hardness (mg/l CaCO3)	Chlorophyll a (mg/m3)	Secchi Disk Visibility (cm)	Early Morning pH	Early Morning Dissolved Oxygen (mg/l)	Early Morning Water Temperature (°C)
1	136.19	112.25	120.91	16.1	7.61	0.94	24.8
2	137.80	104.40	50.97	12.7	7.90	2.77	24.4
3	161.38	122.98	84.46	17.9	7.85	1.15	24.9
4	219.10	161.47	191.52	25.0	7.88	0.51	25.2
5	156.90	113.43	50.67	24.4	7.99	2.00	25.1
6	81.00	61.78	43.50	21.2	7.98	3.78	25.1
7	128.18	103.19	82.20	16.1	7.81	2.15	24.7
8	182.01	144.80	209.76	24.1	7.73	0.78	25.1
9	198.00	149.38	125.59	22.0	7.79	0.68	25.1
10	163.94	116.05	57.50	14.1	7.97	2.33	24.7
11	188.40	121.35	133.58	17.8	7.94	0.91	25.1
12	95.22	71.93	49.60	18.3	7.88	3.01	25.0

Table 5. Seasonal comparisons of water quality variables of 0.1-ha ponds stocked with Oreochromis niloticus (10,000 males/ha) and fertilized with chicken litter.

Chicken Litter (kg/ha per wk)	Variable	Rainy Season Mean	Rainy Season S.E.	Dry Season Mean	Dry Season S.E.	t Value
125	Soluble orthophosphate (mg/l PO4-P)	1.73	0.59	1.94	0.70	0.237
	Total phosphorus (mg/l PO4-P)	2.32	0.68	2.44	0.71	0.115
	Organic nitrogen (mg/l)	1.26	0.06	1.33	0.12	0.472
	Ammonia-nitrogen (mg/l NH3-N)	0.06	0.008	0.05	0.012	-0.595
	Nitrate-nitrogen (mg/l NO3-N)	0.01	0.0006	0.01	0.001	2.750
	Nitrite-nitrogen (mg/l NO2-N)	0.002	0.0003	0.003	0.001	0.570
	Total alkalinity (mg/l CaCO3)	101.89	15.91	127.58	24.47	0.880
	Total hardness (mg/l CaCO3)	87.51	10.01	94.08	16.49	0.340
	Chlorophyll a (mg/m3)	30.58	1.59	50.66	4.04	4.619**
	Secchi disk visibility (cm)	11.3	1.2	16.0	2.6	1.609
	Early morning pH	7.81	9.12	7.95	9.34	-4.880**
	Early morning dissolved oxygen (mg/l)	2.62	0.36	2.96	0.43	0.619
	Early morning water temperature (°C)	25.4	0.1	24.7	0.2	-2.610
250	Soluble orthophosphate (mg/l PO4-P)	3.59	0.80	2.99	0.84	-0.521
	Total phosphorus (mg/l PO4-P)	4.53	0.86	3.45	0.95	-0.844
	Organic nitrogen (mg/l)	1.68	0.13	1.47	0.12	-1.214
	Ammonia-nitrogen (mg/l NH3-N)	0.07	0.01	0.04	0.006	-2.037
	Nitrate-nitrogen (mg/l NO3-N)	0.01	0.004	0.01	0.001	0.243
	Nitrite-nitrogen (mg/l NO2-N)	0.002	0.0006	0.002	0	-
	Total alkalinity (mg/l CaCO3)	134.26	11.12	126.77	17.82	-0.357
	Total hardness (mg/l CaCO3)	108.26	1.67	96.17	12.47	-0.960
	Chlorophyll a (mg/m3)	69.96	8.99	60.82	10.69	-0.654
	Secchi disk visibility (cm)	15.9	2.3	19.6	2.5	1.112
	Early morning pH	7.81	9.01	7.89	9.32	-2.288*
	Early morning dissolved oxygen (mg/l)	1.42	0.59	2.39	0.31	1.454
	Early morning water temperature (°C)	25.5	0.2	24.9	0.1	-2.920*

* Significantly different ($P \leq 0.05$).
** Significantly different ($P \leq 0.01$).

Table 5. Continued.

Chicken Litter (kg/ha per wk)	Variable	Rainy Season Mean	Rainy Season S.E.	Dry Season Mean	Dry Season S.E.	t Value
500	Soluble orthophosphate (mg/l PO4-P)	4.17	0.22	4.43	0.18	0.947
	Total phosphorus (mg/l PO4-P)	5.40	0.30	5.33	0.24	-0.201
	Organic nitrogen (mg/l)	2.07	0.10	2.28	0.06	1.763
	Ammonia-nitrogen (mg/l NH3-N)	0.07	0.005	0.05	0.002	-3.163*
	Nitrate-nitrogen (mg/l NO3-N)	0.01	0.001	0.01	0.002	1.420
	Nitrite-nitrogen (mg/l NO2-N)	0.002	0.0003	0.002	0.0006	0.192
	Total alkalinity (mg/l CaCO3)	140.25	15.55	161.99	15.01	1.004
	Total hardness (mg/l CaCO3)	116.88	6.20	118.86	3.34	0.282
	Chlorophyll a (mg/m3)	115.89	5.01	112.98	14.72	-0.187
	Secchi disk visibility (cm)	16.3	1.3	17.3	0.6	0.663
	Early morning pH	7.78	8.01	7.78	8.88	0.066
	Early morning dissolved oxygen (mg/l)	0.62	0.16	1.00	0.07	2.213
	Early morning water temperature (°C)	25.8	0.1	24.9	0.1	-7.538**
1000	Soluble orthophosphate (mg/l PO4-P)	3.79	0.89	5.80	0.17	2.218
	Total phosphorus (mg/l PO4-P)	5.23	1.22	7.38	0.17	1.738
	Organic nitrogen (mg/l)	2.48	0.28	2.74	0.13	0.859
	Ammonia-nitrogen (mg/l NH3-N)	0.07	0.01	0.09	0.006	1.460
	Nitrate-nitrogen (mg/l NO3-N)	0.01	0.002	0.01	0.0009	2.121
	Nitrite-nitrogen (mg/l NO2-N)	0.002	0	0.002	0.0003	1.000
	Total alkalinity (mg/l CaCO3)	160.62	35.95	199.70	10.74	1.042
	Total hardness (mg/l CaCO3)	138.04	23.32	151.88	4.97	0.581
	Chlorophyll a (mg/m3)	160.27	4.23	175.62	25.56	0.592
	Secchi disk visibility (cm)	20.8	0.4	23.7	0.9	3.003*
	Early morning pH	7.72	8.8	7.8	9.14	-1.830
	Early morning dissolved oxygen (mg/l)	0.30	0.05	0.66	0.08	3.749*
	Early morning water temperature (°C)	26.0	0.1	25.1	0.1	-11.129**

* Significantly different ($P \leq 0.05$).
** Significantly different ($P \leq 0.01$).

Table 6. Mean primary productivity and community respiration, by season, in 0.1-ha ponds stocked with Oreochromis niloticus (10,000 males/ha) and fertilized with chicken litter.

Pond	Chicken Litter (kg/ha per wk)	Season	Community Respiration	Primary Productivity	
				Net	Gross
			g O2 /m3 per day		
1	500	Rainy	11.81	4.39	10.30
2	250	Rainy	7.89	2.05	5.99
3	500	Rainy	10.99	3.39	8.89
4	1000	Rainy	15.44	6.45	14.17
5	1000	Rainy	14.43	5.29	12.50
6	1000	Rainy	11.88	4.36	10.30
7	250	Rainy	8.31	3.60	7.75
8	125	Rainy	5.51	1.15	3.91
9	125	Rainy	7.08	1.86	5.40
10	250	Rainy	12.26	4.27	10.39
11	500	Rainy	11.99	4.31	10.30
12	125	Rainy	4.46	1.38	3.61
1	500	Dry	12.07	5.33	11.37
2	125	Dry	5.99	2.06	5.05
3	500	Dry	11.43	5.09	10.81
4	1000	Dry	15.23	7.90	15.52
5	250	Dry	10.21	3.72	8.82
6	125	Dry	5.99	1.99	4.98
7	250	Dry	8.45	3.69	7.92
8	1000	Dry	13.44	7.27	13.99
9	1000	Dry	13.13	7.14	13.70
10	125	Dry	7.99	2.83	6.83
11	500	Dry	12.84	6.12	12.54
12	250	Dry	6.20	1.49	4.59

Table 7. Seasonal comparison by treatment (n=3/treatment) of primary productivity and community respiration (g O2/m3 per day) in 0.1-ha ponds stocked with Oreochromis niloticus (10,000 males/ha) and fertilized with chicken litter.

Chicken Litter (kg/ha per wk)	Variable	Rainy Season		Dry Season		t-Value
		Mean	S.E.	Mean	S.E.	
125	Community respiration	5.68	0.76	6.66	0.67	-0.962
	Net primary productivity	1.46	0.21	2.29	0.27	-2.435
	Gross primary productivity	4.31	0.55	5.62	0.61	-1.601
250	Community respiration	9.49	1.39	8.29	1.16	0.662
	Net primary productivity	3.31	0.66	2.97	0.74	0.344
	Gross primary productivity	8.04	1.28	7.11	1.29	0.515
500	Community respiration	11.60	0.31	12.11	0.41	-1.012
	Net primary productivity	4.03	0.32	5.51	0.31	-3.319*
	Gross primary productivity	9.83	0.47	11.57	0.51	-2.515
1000	Community respiration	13.92	1.06	13.93	0.65	-0.013
	Net primary productivity	5.37	0.61	7.44	0.24	-3.192*
	Gross primary productivity	12.33	1.12	14.40	0.57	-1.658

* Significantly different ($P \leq 0.05$).

Table 8. Results of pond mud analyses during the Cycle III rainy season experiment, Honduras Pond Dynamics/Aquaculture CRSP.

Pond	Period	pH	Organic mat.	CaCO3	Total N	P	K	Ca	Mg	Fe	Mn
			%			mg/l					
1	Initial	7.9	1.00	3.54	0.083	80	1077	10950	402	14	35
2	Initial	7.9	1.32	4.55	0.111	133	1054	13180	363	17	66
3	Initial	8.0	4.42	5.00	0.111	125	1140	17290	415	17	72
4	Initial	8.2	1.23	8.76	0.083	125	1019	20000	491	10	29
5	Initial	8.0	1.55	6.07	0.083	110	965	20000	469	11	66
6	Initial	7.8	1.16	5.32	0.083	53	935	18630	371	11	42
7	Initial	8.0	0.96	4.52	0.083	95	1120	14380	413	9	39
8	Initial	7.9	1.03	3.59	0.083	95	1085	7220	301	16	37
9	Initial	8.2	0.87	4.84	0.083	83	1021	12310	367	11	36
10	Initial	8.1	1.07	5.30	0.111	85	1016	15710	396	15	70
11	Initial	8.6	0.96	5.18	0.083	95	817	20000	432	12	40
12	Initial	8.1	0.80	6.37	0.056	75	934	20000	435	10	30
1	Final	7.4	-	3.75	0.112	50	-	-	-	17	116
2	Final	7.6	-	3.58	0.084	75	-	-	-	15	89
3	Final	7.8	-	4.57	0.084	53	-	-	-	14	79
4	Final	7.7	-	7.42	0.112	120	-	-	-	14	100
5	Final	7.2	-	4.59	0.167	85	-	-	-	20	110
6	Final	7.6	-	5.08	0.084	34	-	-	-	16	84
7	Final	7.5	-	3.42	0.084	65	-	-	-	14	110
8	Final	7.8	-	3.69	0.084	46	-	-	-	13	56
9	Final	7.8	-	5.06	0.084	46	-	-	-	12	80
10	Final	7.9	-	6.14	0.084	65	-	-	-	14	114
11	Final	7.7	-	4.46	0.084	85	-	-	-	10	110
12	Final	7.8	-	4.44	0.084	33	-	-	-	10	52

Table 8. Continued.

Pond	Period	Cu	Zn	S	Na	Ca	Mg	CEC	Sand	Silt	Clay
		mg/l			meq/l				%		
1	Initial	3.8	1.6	26	1.52	37.92	2.71	29.41	-	-	-
2	Initial	3.6	1.7	44	1.70	35.43	2.06	29.01	-	-	-
3	Initial	3.6	2.0	44	2.04	39.42	2.14	28.61	-	-	-
4	Initial	2.1	1.4	50	2.65	34.93	1.97	25.43	-	-	-
5	Initial	5.1	5.5	42	2.26	37.92	2.06	26.63	-	-	-
6	Initial	3.5	1.8	34	0.78	37.43	1.89	31.79	-	-	-
7	Initial	2.9	1.7	24	1.87	41.42	2.88	29.41	-	-	-
8	Initial	3.1	1.5	39	1.96	34.93	2.22	29.41	-	-	-
9	Initial	2.8	2.1	36	2.17	37.43	2.55	29.41	-	-	-
10	Initial	3.1	2.1	39	1.96	39.92	2.38	28.22	-	-	-
11	Initial	2.7	1.1	32	4.09	37.92	2.06	30.20	-	-	-
12	Initial	2.6	1.7	30	1.30	40.42	2.22	28.61	-	-	-
1	Final	5.0	2.0	49	0.99	43.41	3.62	31.08	20.8	24.8	54.4
2	Final	5.0	2.0	36	1.57	40.92	3.45	31.87	20.8	22.8	56.4
3	Final	4.2	2.1	33	1.70	35.93	3.13	29.08	20.8	22.8	56.4
4	Final	5.0	3.2	56	2.22	42.42	3.54	28.68	16.8	28.8	54.4
5	Final	4.0	3.4	59	1.29	32.92	3.62	33.47	18.0	25.6	56.4
6	Final	4.3	2.0	33	0.59	44.41	3.54	31.87	16.0	27.2	56.8
7	Final	4.3	2.0	30	1.74	37.43	3.37	31.47	18.0	25.2	56.8
8	Final	4.0	1.2	33	1.78	42.42	3.54	31.47	16.0	25.2	58.8
9	Final	5.0	2.0	56	1.57	44.91	3.62	30.68	15.6	25.6	58.8
10	Final	4.4	3.0	61	2.52	42.91	3.29	28.29	19.6	25.6	54.8
11	Final	4.0	2.0	43	3.13	37.43	3.13	31.87	15.6	25.2	59.2
12	Final	3.1	1.0	30	1.05	42.91	3.21	33.47	15.6	25.2	59.2

Table 9. Results of pond mud analyses during the Cycle III rainy season experiment, Honduras Pond Dynamics/Aquaculture CRSP.

Pond	Period	pH	Organic mat.	CaCO3	Total N	P	K	Ca	Mg	Fe	Mn
			%			mg/l					
1	Initial	7.8	0.92	4.97	0.055	54	999	12810	571	18	14
2	Initial	8.2	0.22	6.88	0.085	68	900	20000	583	11	12
3	Initial	8.4	0.67	7.41	0.055	58	1000	20000	633	11	12
4	Initial	8.8	0.41	12.14	0.083	92	919	20000	801	8	10
5	Initial	8.5	0.98	10.85	0.055	84	847	20000	818	9	14
6	Initial	8.0	1.04	7.43	0.069	35	822	20000	589	13	14
7	Initial	7.6	0.92	7.44	0.055	44	955	11320	545	18	16
8	Initial	7.8	0.98	4.36	0.083	62	895	9880	502	14	15
9	Initial	8.3	0.79	5.47	0.055	58	975	17020	601	10	13
10	Initial	8.4	0.98	6.68	0.055	45	965	17650	619	13	16
11	Initial	8.1	0.70	6.89	0.055	56	920	20000	641	11	14
12	Initial	8.1	0.70	6.45	0.055	48	843	20000	659	11	16
1	Final	7.0	1.12	3.10	0.111	100	1200	10320	533	10	156
2	Final	7.2	1.12	3.99	0.111	145	1080	11380	480	12	118
3	Final	7.7	1.21	4.66	0.111	145	1253	15450	539	10	120
4	Final	7.7	1.34	8.11	0.139	160	1030	20000	505	10	112
5	Final	7.8	1.43	6.84	0.139	75	933	15420	477	11	114
6	Final	7.8	1.25	4.50	0.111	135	1090	9780	464	13	64
7	Final	7.6	0.99	2.74	0.139	190	1230	8450	466	8	138
8	Final	7.6	1.66	3.75	0.139	110	1318	15050	601	7	154
9	Final	7.6	1.37	5.35	0.139	110	1215	17200	492	6	158
10	Final	7.7	0.96	5.52	0.111	155	1155	20000	561	10	118
11	Final	7.8	1.21	5.97	0.153	160	1295	20000	681	9	138
12	Final	7.8	0.96	4.60	0.111	105	1030	15290	526	12	83

Table 9. Continued.

Pond	Period	Cu	Zn	S	Na	Ca	Mg	CEC	Sand	Silt	Clay
		mg/l			meq/l				%		
1	Initial	3.8	1.1	28	1.13	44.91	4.36	30.49	-	-	-
2	Initial	3.6	1.1	28	3.00	46.41	4.28	35.24	-	-	-
3	Initial	2.6	0.7	24	2.74	41.92	3.78	22.97	-	-	-
4	Initial	2.4	0.5	23	3.44	34.93	2.14	17.66	-	-	-
5	Initial	3.0	0.7	35	2.61	40.42	3.62	25.58	-	-	-
6	Initial	2.8	0.5	21	0.88	47.90	4.28	31.28	-	-	-
7	Initial	2.8	0.5	21	1.35	43.41	4.11	28.12	-	-	-
8	Initial	2.8	1.0	39	1.96	36.93	3.62	24.00	-	-	-
9	Initial	3.4	0.6	31	2.26	38.92	3.70	31.28	-	-	-
10	Initial	3.2	0.7	35	2.35	43.91	4.69	25.74	-	-	-
11	Initial	3.4	0.7	28	4.09	40.92	4.03	27.32	-	-	-
12	Initial	3.2	0.7	18	1.26	52.89	4.77	29.70	-	-	-
1	Final	6.4	2.0	31	-	-	-	33.93	18.0	26.8	55.2
2	Final	5.8	1.9	34	-	-	-	34.12	12.0	25.2	62.8
3	Final	6.6	2.4	29	-	-	-	32.14	16.0	28.8	55.2
4	Final	5.8	3.2	49	-	-	-	31.55	14.0	33.2	52.8
5	Final	6.2	3.2	34	-	-	-	30.16	16.0	33.2	50.8
6	Final	5.4	3.0	24	-	-	-	32.93	20.0	25.2	54.8
7	Final	6.4	2.4	24	-	-	-	31.74	-	-	-
8	Final	6.2	4.0	21	-	-	-	31.74	-	-	-
9	Final	6.4	3.2	31	-	-	-	31.74	-	-	-
10	Final	5.8	2.4	46	-	-	-	32.14	14.0	29.2	56.8
11	Final	5.6	2.6	25	-	-	-	31.35	10.0	30.8	59.2
12	Final	5.2	2.0	19	-	-	-	32.14	22.0	24.8	53.2

Table 10. Results of major/minor element analyses of pond water before and after the Honduras CRSP Cycle III rainy season experiment.

Pond	Period	K	Na	Ca	Mg	Fe	SO4	Cl
		mg/l						
1	Initial	6.7	13.6	3.3	1.0	0.6	0	7
2	Initial	8.6	17.3	5.2	1.4	1.8	0	10
3	Initial	6.6	13.6	3.4	1.0	1.0	0	9
4	Initial	7.6	14.1	5.8	1.4	1.4	0	14
5	Initial	7.1	15.5	5.5	1.4	1.3	0	10
6	Initial	5.9	11.3	4.2	1.1	0.9	0	5
7	Initial	6.9	12.2	4.8	1.3	1.0	0	12
8	Initial	7.5	12.1	4.2	1.2	1.9	0	9
9	Initial	8.8	13.8	6.0	1.5	1.2	0	8
10	Initial	10.2	17.2	6.0	1.7	1.3	0	7
11	Initial	6.3	12.7	3.3	1.0	0.7	0	5
12	Initial	6.0	14.3	3.6	1.1	1.0	0	12
1	Final	15.9	17.5	12.3	1.4	2.3	0	20
2	Final	14.9	29.6	13.2	1.4	2.6	0	20
3	Final	19.2	31.0	15.0	1.5	2.2	0	32
4	Final	33.0	50.0	62.0	2.0	1.3	0	28
5	Final	30.1	44.0	38.0	2.1	1.4	0	31
6	Final	14.1	10.0	12.2	1.1	1.9	0	20
7	Final	15.5	18.2	15.0	1.4	2.0	0	18
8	Final	12.6	28.0	11.0	1.1	2.8	0	16
9	Final	14.3	34.0	10.8	1.1	2.7	0	14
10	Final	16.3	42.0	11.9	1.2	2.4	0	17
11	Final	21.8	47.0	15.1	1.6	2.2	0	24
12	Final	7.0	10.2	7.4	1.9	2.9	0	10

Table 11. Results of major/minor element analyses of pond water before and after the Honduras CRSP Cycle III dry season experiment.

Pond	Period	K	Na	Ca	Mg	Fe	SO4	Cl
		mg/l						
1	Initial	4.3	8.6	3.1	1.4	0.4	-	14
2	Initial	6.0	9.6	4.7	1.4	0.4	-	20
3	Initial	5.5	9.3	4.0	1.5	0.5	-	16
4	Initial	6.8	10.8	5.1	2.0	0.5	-	20
5	Initial	7.1	8.9	5.4	2.1	0.5	-	20
6	Initial	5.3	9.4	4.7	1.1	0.5	-	18
7	Initial	5.9	9.4	4.6	1.4	0.6	-	19
8	Initial	5.3	10.2	4.1	1.1	0.4	-	20
9	Initial	6.0	10.6	5.2	1.1	0.3	-	26
10	Initial	6.6	10.5	6.2	1.2	0.5	-	19
11	Initial	5.3	8.8	4.0	1.6	0.5	-	18
12	Initial	4.3	9.0	3.6	1.9	0.5	-	19
1	Final	18.3	24.0	18.0	5.5	1.2	0	17
2	Final	14.1	28.0	15.3	4.5	1.5	0	12
3	Final	20.5	34.0	20.0	6.0	0.4	0	18
4	Final	37.3	52.0	36.0	10.0	0.7	0	25
5	Final	18.5	37.0	18.8	5.5	1.3	0	14
6	Final	6.9	13.0	10.1	2.9	1.0	0	7
7	Final	15.1	24.0	15.9	4.9	1.0	0	14
8	Final	32.8	42.0	37.0	8.0	0.5	0	24
9	Final	32.1	43.0	38.0	9.0	0.7	0	25
10	Final	15.8	43.0	16.5	4.7	1.0	0	13
11	Final	23.1	58.0	19.6	6.0	0.7	0	19
12	Final	11.1	20.0	16.2	3.5	0.9	0	12

Table 12. Monthly means of weather variables, pond evaporation, and total rainfall at the "El Carao" Aquacultural Experiment Station, Comayagua, Honduras, during the CRSP Cycle III.

Month	Solar Radiation (E/m2)	Total Rainfall (cm)	Wind (kph)	Max. Air Temperature (℃)	Min. Air Temperature (℃)	Pond Evaportaion (mm/d)
Jun 6-30,1986	-	13.5	2.9	30.3	19.3	7.0
Jul,1986	40.97	15.8	3.5	29.7	19.0	6.9
Aug, 1986	42.10	6.9	3.1	31.0	20.7	7.5
Sep, 1986	38.23	14.6	2.7	30.3	20.8	6.8
Oct, 1986	37.90	5.8	2.6	28.6	20.4	5.6
Nov 1-5, 1986	36.26	1.3	2.4	29.8	19.0	5.3
Feb 7-28, 1987	38.04	0.3	4.5	30.6	17.9	8.0
Mar, 1987	36.77	0.4	5.3	32.6	20.1	8.4
Apr, 1987	37.65	0.7	3.5	31.7	19.6	8.4
May, 1987	36.37	3.1	3.8	32.7	21.4	7.8
Jun, 1987	41.22	22.7	2.5	33.1	22	7.7
Jul 1-8, 1987	34.77	3.0	2.3	31.2	20.8	7.3

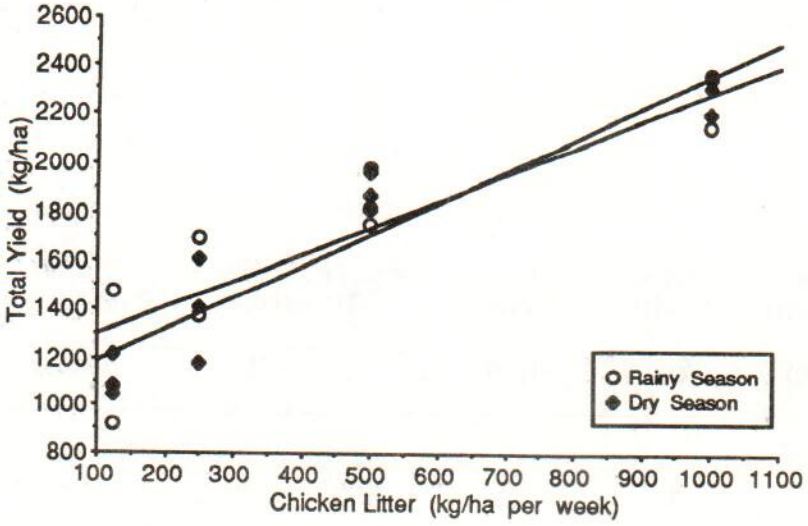

Figure 1. Response of *Oreochromis niloticus* to varying rates of chicken litter application during Cycle III.

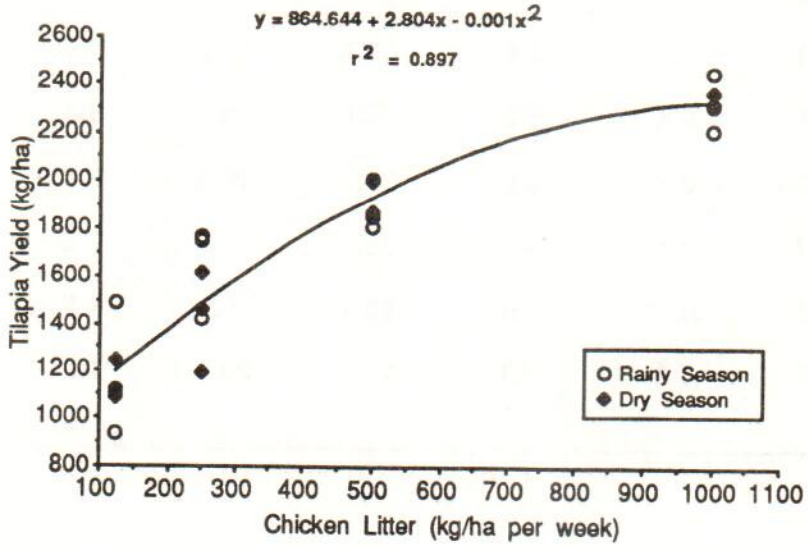

Figure 2. Combined seasons yields of *Oreochromis niloticus* in 0.1-ha ponds fertilized with chicken litter during Cycle III.

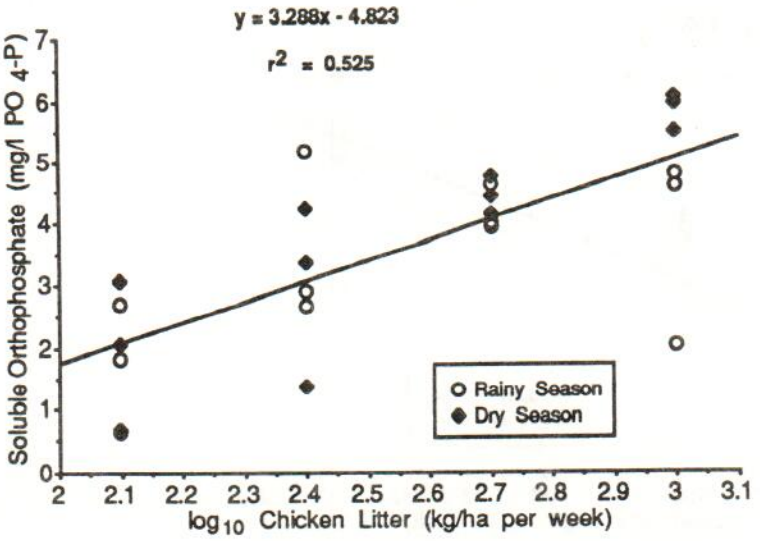

Figure 3. Relationship of mean soluble orthophosphate to chicken litter fertilization rate in ponds during Cycle III.

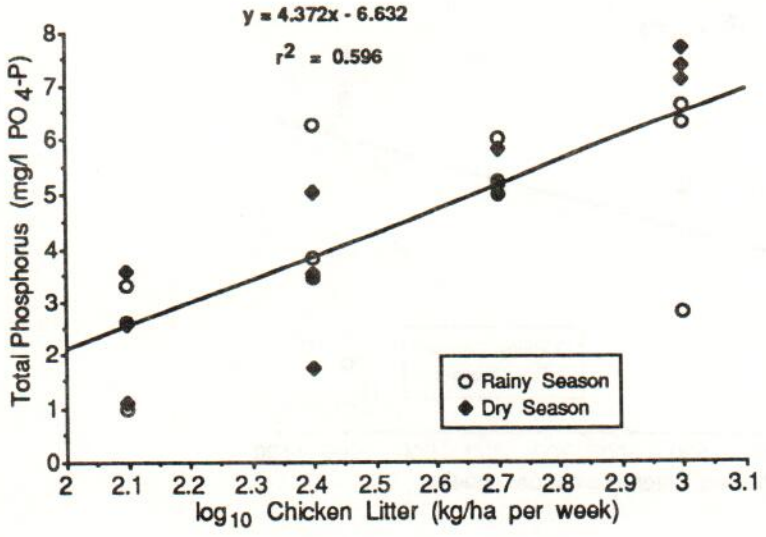

Figure 4. Relationship of mean total phosphorus to chicken litter fertilization rate in ponds during Cycle III.

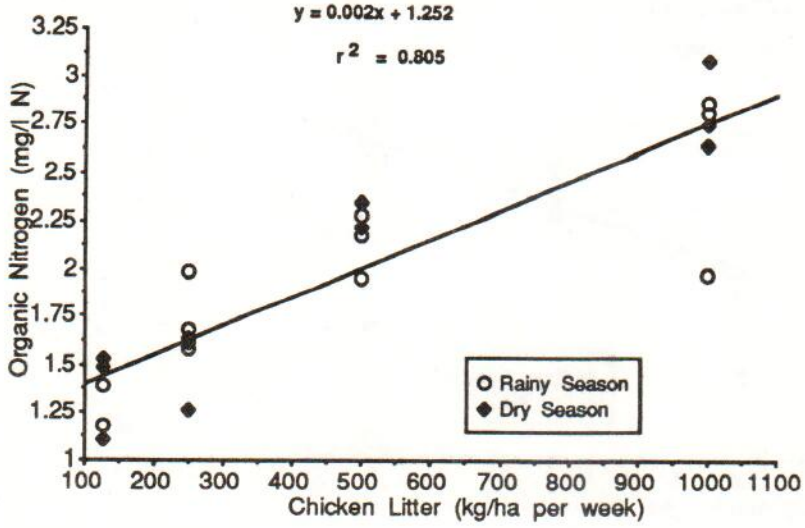

Figure 5. Relationship between organic nitrogen and rate of chicken litter fertilization in ponds during Cycle III.

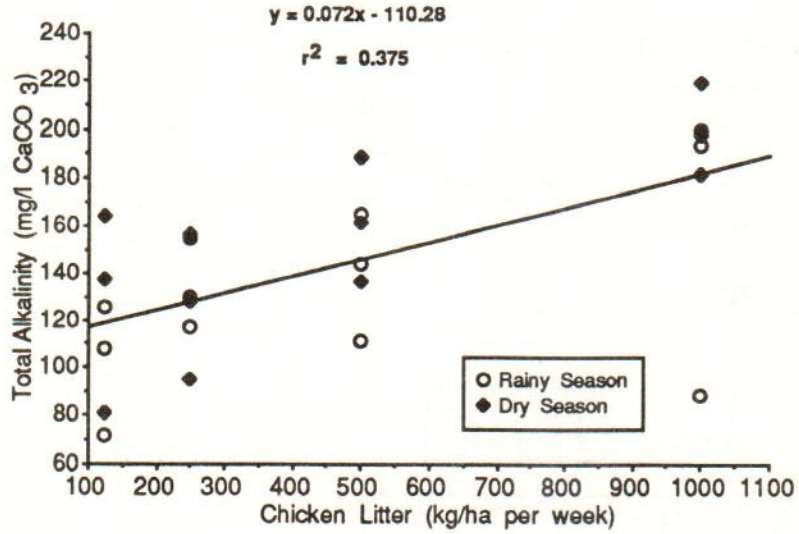

Figure 6. Relationship between total alkalinity and chicken litter application rate in ponds during Cycle III.

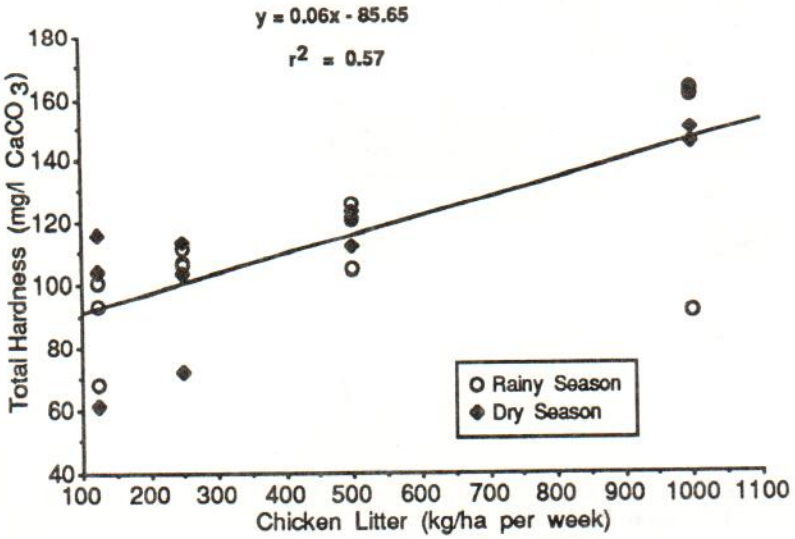

Figure 7. Relationship between total hardness and chicken litter application rate in ponds during Cycle III .

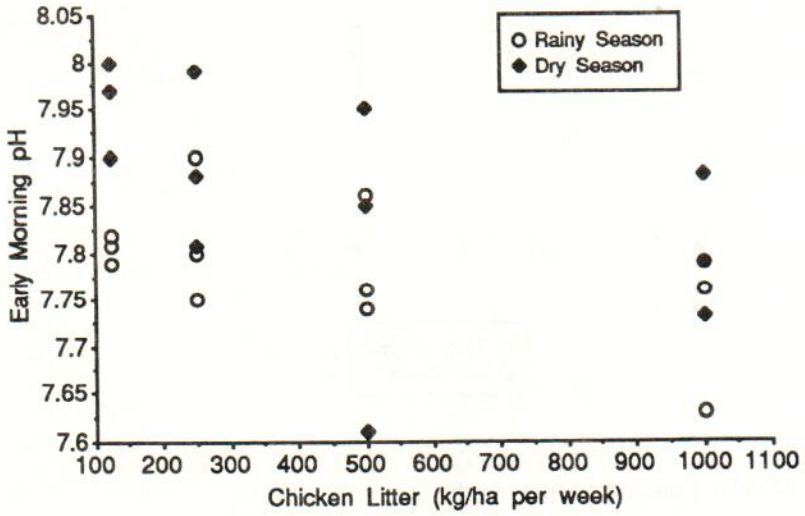

Figure 8. Seasonal means of pH in relation to chicken litter application rate in ponds during Cycle III.

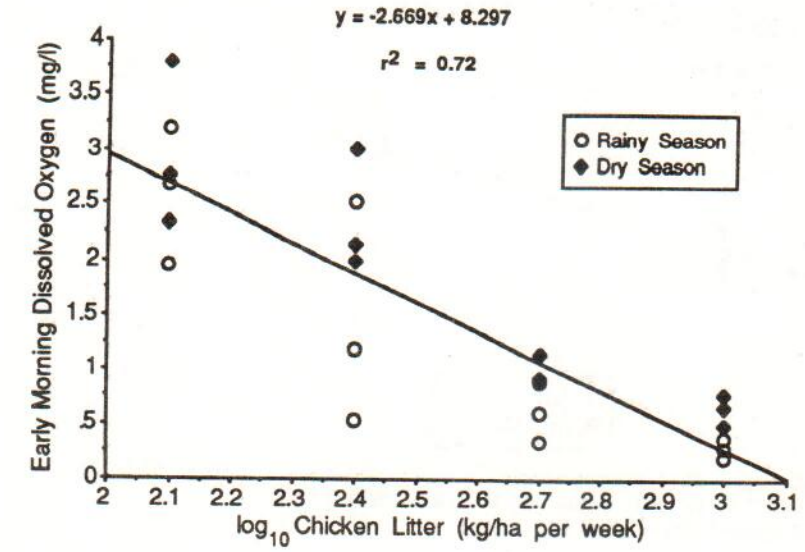

Figure 9. Effect of chicken litter fertilization rate on early morning dissolved oxygen in ponds during Cycle III.

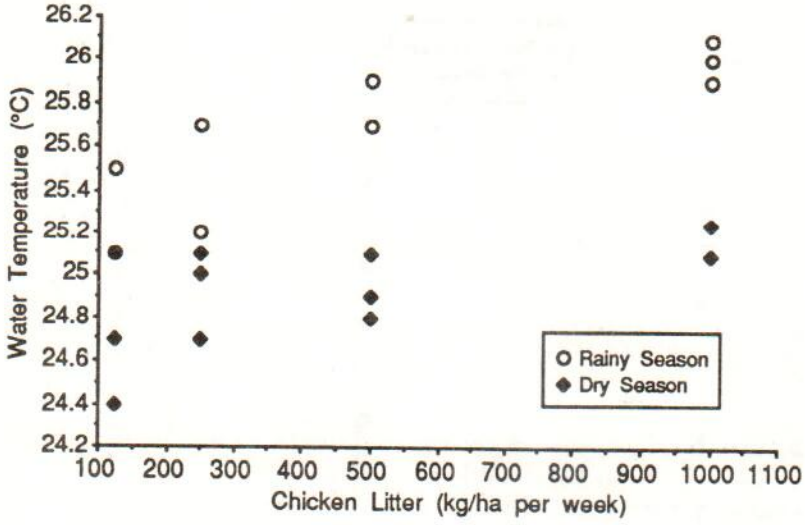

Figure 10. Seasonal means of early morning water temperatures in ponds fertilized with chicken litter during Cycle III.

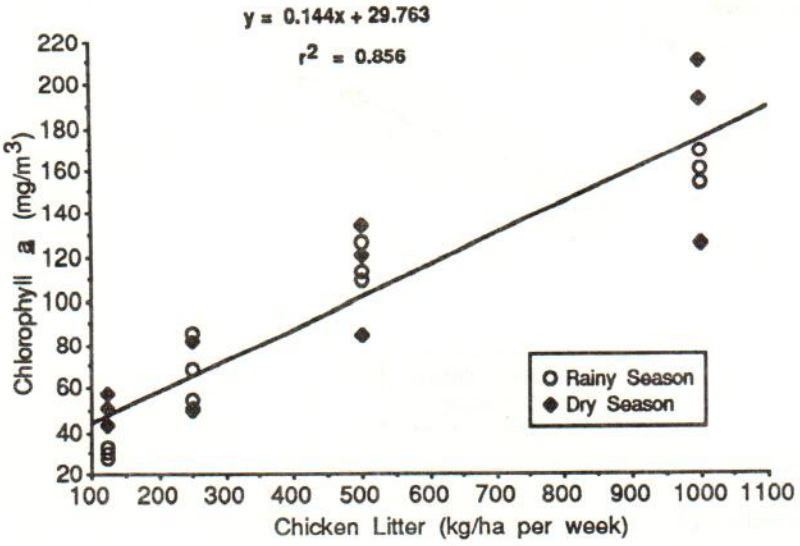

Figure 11. Relationship between chlorophyll a and chicken litter application rate in ponds during Cycle III.

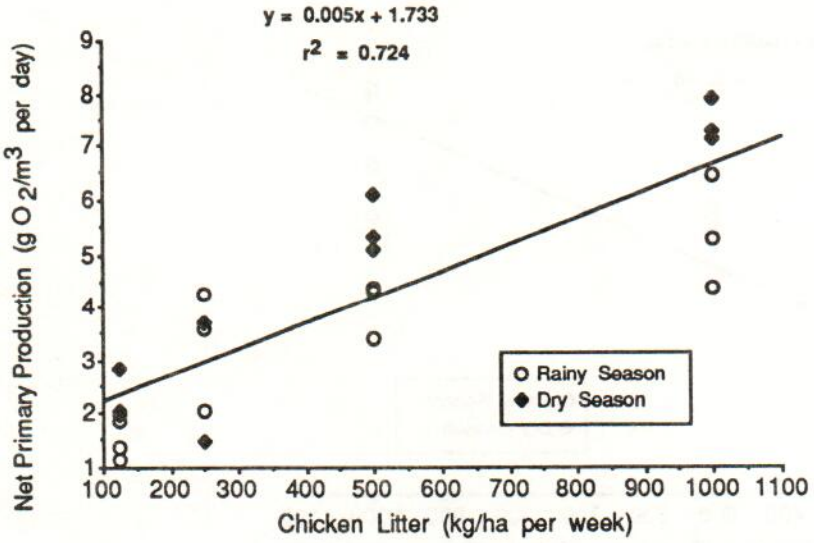

Figure 12. Relationship between net primary production and chicken litter application rate in ponds during Cycle III.

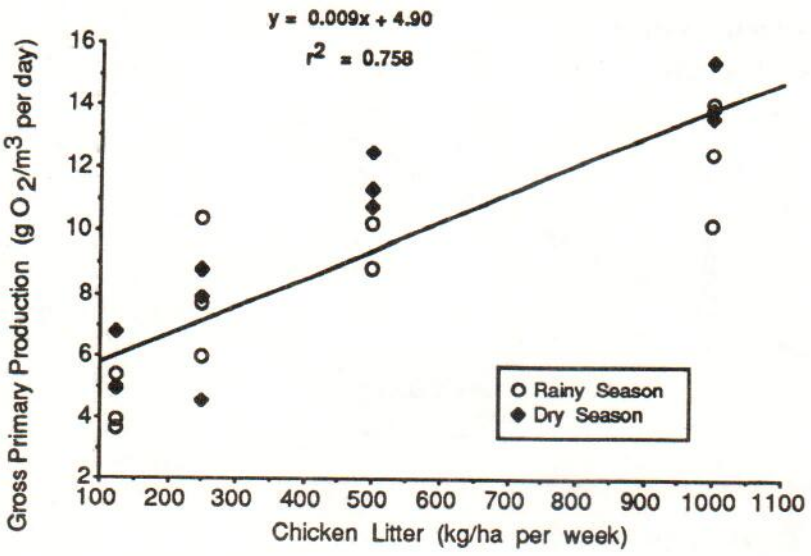

Figure 13. Relationship between gross primary production and chicken litter application rate in ponds during Cycle III.

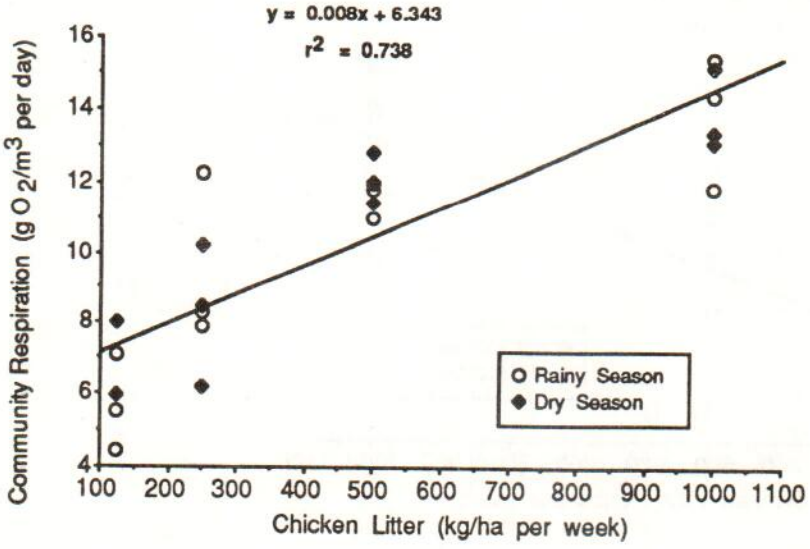

Figure 14. Relationship between community respiration and chicken litter application rate in ponds during Cycle III.

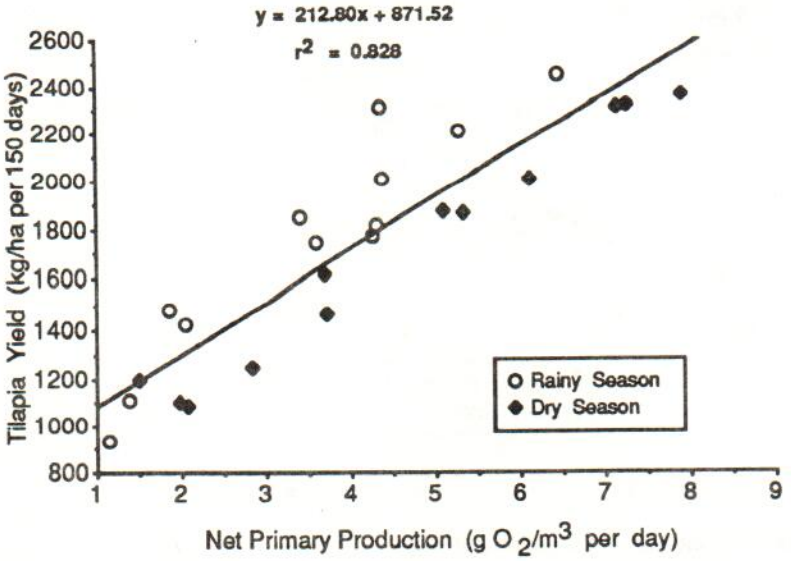

Figure 15. Relationship between tilapia yield and net primary production in ponds fertilized with chicken litter during Cycle III.

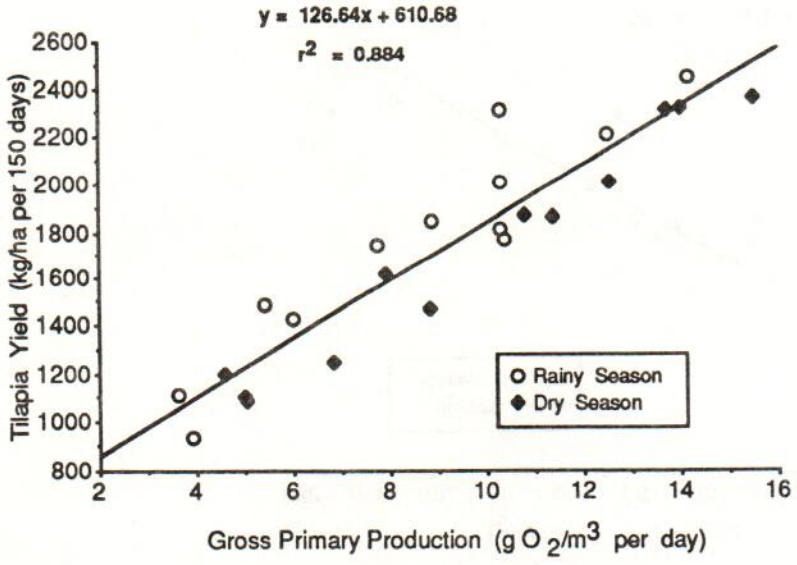

Figure 16. Relationship between tilapia yield and gross primary production in ponds fertilized with chicken litter during Cycle III.

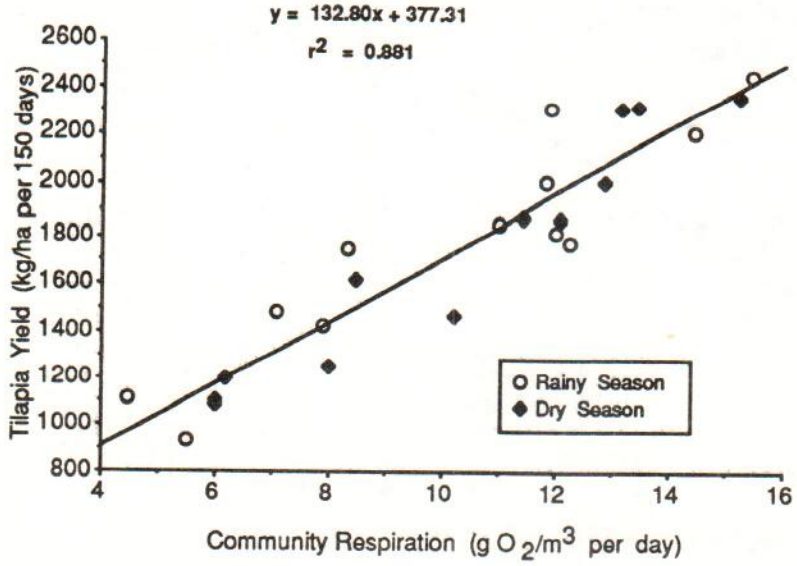

Figure 17. Relationship between tilapia yield and community respiration in ponds fertilized with chicken litter during Cycle III.

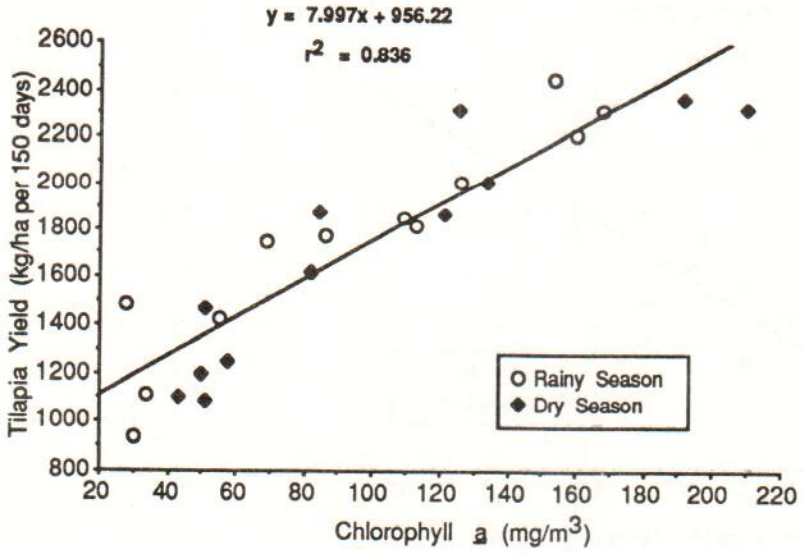

Figure 18. Relationship between tilapia yield and chlorophyll a concentrations in ponds fertilized with chicken litter during Cycle III.

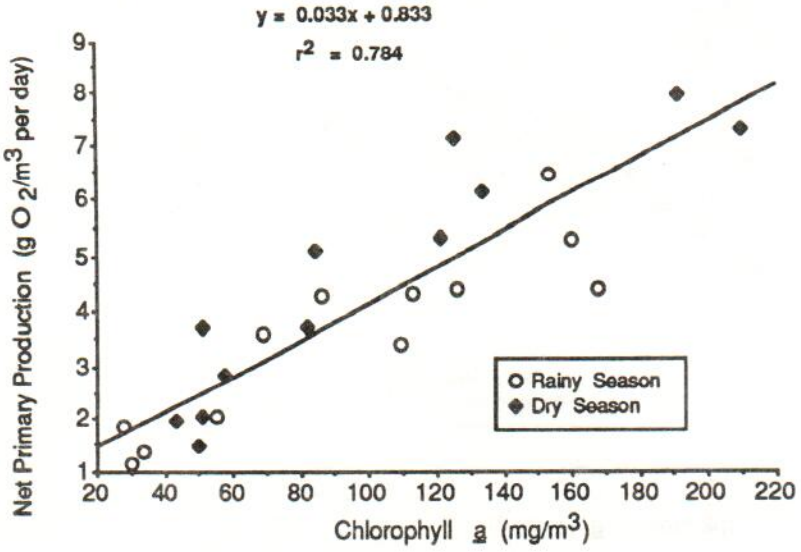

Figure 19. Relationship between net primary production and chlorophyll a concentrations in ponds fertilized with chicken litter during Cycle III.

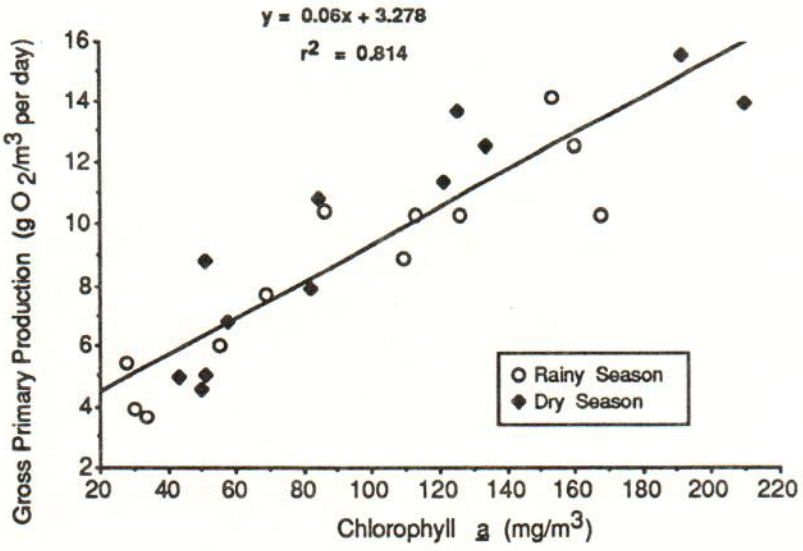

Figure 20. Relationship between gross primary production and chlorophyll a concentrations in ponds fertilized with chicken litter during Cycle III.

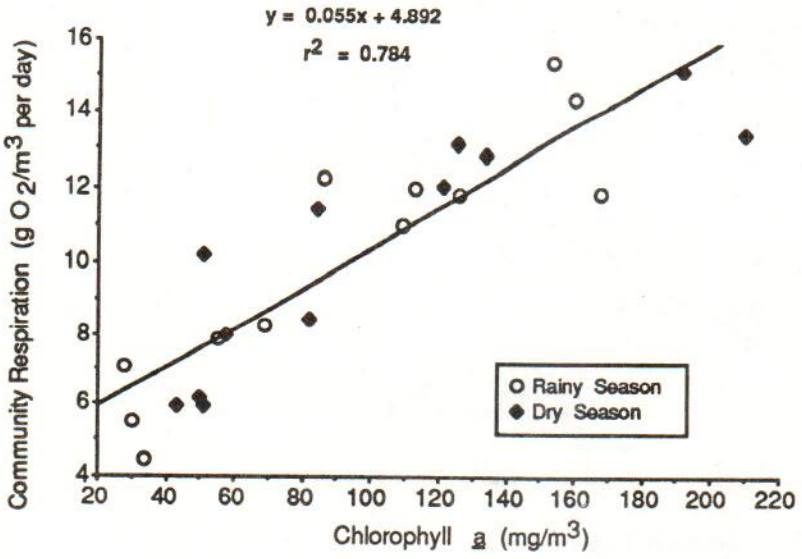

Figure 21. Relationship between community respiration and chlorophyll a concentrations in ponds fertilized with chicken litter during Cycle III.

APPENDIX. Complete Set of Data from Cycle III of the Pond/Dynamics Aquaculture CRSP in Honduras.

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Table 1. Daily Weather Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
5	6	1986			0.	2.02	32.6	18.9	7.1
6	6	1986				3.34			
7	6	1986				1.84			
8	6	1986			3.86	1.84	33.1	18.7	
9	6	1986			0.71	1.82	32.4	17.6	6.11
10	6	1986			0.	1.66	31.	20.	7.4
11	6	1986			0.	3.52	31.9	19.4	8.5
12	6	1986			0.96	3.26	31.4	20.	9.95
13	6	1986			0.02	2.78	29.6	18.8	7.65
14	6	1986			0.91	3.52	29.2	18.7	6.14
15	6	1986			0.	3.15	31.2	20.	7.6
16	6	1986			0.18	2.22	30.	16.6	5.48
17	6	1986			0.	2.9	30.6	18.9	0.8
18	6	1986			0.46	2.61	29.4	19.3	9.27
19	6	1986			0.15		31.9	20.	9.72
20	6	1986			0.		32.4	19.1	9.1
21	6	1986			3.71		30.9	19.7	
22	6	1986			1.4		29.2	19.2	
23	6	1986			0.		26.8	20.	
24	6	1986			0.02		30.4	19.7	
25	6	1986			0.33		28.3	20.	6.6
26	6	1986			0.02		28.	19.5	2.15
27	6	1986			0.18	4.45	29.2	19.3	5.18
28	6	1986			0.56	3.7	28.	19.3	5.29
29	6	1986			0.04	3.47	29.9	19.3	5.18
30	6	1986			0.	3.23	31.	20.5	5.8
1	7	1986			0.05	2.29	28.9	18.1	5.21
2	7	1986	47.38		1.02	3.07	31.1	18.7	16.36
3	7	1986	39.99		0.	3.1	29.7	18.5	4.8
4	7	1986	50.12		0.	3.07	31.2	19.	8.7
5	7	1986	36.38		0.18	3.28	30.9	19.5	4.38
6	7	1986	39.88		0.	3.2	32.4	18.9	7.9
7	7	1986	43.47		0.	4.14	28.9	17.7	6.3
8	7	1986	46.87		0.02	4.13	29.2	18.7	7.85
9	7	1986	24.85		0.	2.61	29.4	18.5	4.
10	7	1986	51.02		0.	3.2	32.8	19.7	9.1
11	7	1986	31.61		0.08	3.1	30.1	20.	4.56
12	7	1986	34.34		0.05	2.93	29.5	20.3	6.71
13	7	1986	19.26		0.1	3.17	26.5	18.2	1.62
14	7	1986	35.96		0.	3.68	31.3	19.5	7.4
15	7	1986	37.11		0.	4.42	28.3	18.5	7.
16	7	1986	46.48		0.1	4.42	29.	19.	7.82
17	7	1986	43.5		99.	4.69	29.	18.7	
18	7	1986	49.59		0.02	4.19	29.2	19.2	7.85
19	7	1986	45.64		1.4	4.83	28.7	17.4	8.67

Table 1. Daily Weather Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
20	7	1986	51.88		0.	3.66	29.	18.5	8.3
21	7	1986	35.22		0.38	3.49	27.4	18.2	5.41
22	7	1986	43.33		0.08	3.49	28.	20.	6.96
23	7	1986	26.77		1.73	3.76	28.1	18.5	5.17
24	7	1986	20.68		0.	2.29	26.6	17.7	3.1
25	7	1986	44.95		0.				7.5
26	7	1986	39.88		0.		30.3	17.2	2.3
27	7	1986	38.08		0.33		28.7	20.3	5.4
28	7	1986	49.4		0.33		32.3	17.7	12.
29	7	1986	54.09		0.		30.7	21.5	7.9
30	7	1986	47.91		0.		32.2	21.5	7.3
31	7	1986	53.58		0.		32.	19.5	8.9
1	8	1986	50.9		2.39	6.54	31.3	20.7	23.98
2	8	1986	48.81		0.51	4.5	31.3	19.7	11.58
3	8	1986	45.06		0.	3.3	30.8	20.7	6.9
4	8	1986	42.2		0.	2.8	31.2	20.5	6.6
5	8	1986	47.89		0.	3.2	30.8	19.2	8.9
6	8	1986	44.5		0.08	2.78	30.5	20.8	6.36
7	8	1986	33.28		0.	2.56	29.3	22.5	5.2
8	8	1986	36.09		0.1	3.95	30.3	20.5	3.22
9	8	1986	48.62		0.	2.5	30.8	20.7	9.1
10	8	1986	50.22		0.	1.73	32.2	21.5	9.1
11	8	1986	50.88		0.23	3.95	31.3	20.5	7.39
12	8	1986	32.54		0.94	4.29	27.8	20.3	4.99
13	8	1986	23.55		0.25	3.04	27.2	18.5	3.84
14	8	1986	41.6		0.09	2.42	31.2	20.5	6.39
15	8	1986	37.46		0.11	1.78	30.2	20.2	7.34
16	8	1986	28.75		0.	2.95	29.3	21.3	
17	8	1986	46.7		0.11	4.94	31.7	21.5	
18	8	1986	37.29		0.05	3.5	31.3	20.	5.81
19	8	1986	41.13		0.	2.66	32.	22.3	6.
20	8	1986	43.39		0.41	2.83	32.5	20.7	7.36
21	8	1986	41.79		0.	2.59	31.8	19.7	6.7
22	8	1986	32.73		0.22	2.29	30.	21.2	6.66
23	8	1986	41.		0.	2.13	32.2	22.5	5.9
24	8	1986	52.34		0.84	3.55	31.	20.5	8.38
25	8	1986	34.61		0.15	1.87	30.7	21.2	5.32
26	8	1986	43.06		0.05	3.48	32.7	20.3	8.11
27	8	1986	46.75		0.	2.67	32.2	19.3	7.8
28	8	1986	40.75		0.	1.2	33.3	19.2	2.2
29	8	1986	47.45		0.08		31.7	21.5	8.76
30	8	1986	49.43		0.25		32.2	21.8	7.74
31	8	1986	44.38		0.		30.2	21.	9.2
1	9	1986	38.39		0.47		32.3	21.2	5.8
2	9	1986	33.52		0.08	5.34	30.8	20.3	6.46
3	9	1986	33.83		0.02	2.75	31.3	20.2	6.75

Table 1. Daily Weather Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
4	9	1986	42.88		0.	1.86	32.2	19.7	8.3
5	9	1986	39.53		2.23	2.62	32.2	19.7	13.55
6	9	1986	46.61		0.	2.45	31.	24.	7.5
7	9	1986	46.69		0.	2.78	31.8	19.7	7.5
8	9	1986	47.5		0.08	3.23	31.2	20.3	6.76
9	9	1986	44.77		0.	3.31	30.2	20.3	8.
10	9	1986	34.57		0.38	2.85	30.5	20.8	6.01
11	9	1986	39.9		1.52	3.63	30.3	21.7	4.74
12	9	1986	24.82		1.04	2.	27.7	23.2	10.41
13	9	1986	37.4		0.28	2.7	30.3	20.3	
14	9	1986	44.46		0.	4.61			
15	9	1986	39.57		2.08	3.73	28.7	19.5	
16	9	1986	18.12		0.05	4.24	26.	20.7	3.41
17	9	1986	24.03		0.	2.95	28.8	20.5	3.7
18	9	1986	42.85		0.	3.33	30.3	21.5	7.2
19	9	1986	39.17		0.33	2.53	29.8	20.	7.1
20	9	1986	42.64		0.3	2.5	30.3	20.8	5.95
21	9	1986	34.41		0.79	2.56	29.2	19.7	5.64
22	9	1986	41.38		0.09	2.46	29.8	18.5	7.1
23	9	1986	40.36		0.	2.17	29.2	19.5	6.1
24	9	1986	46.6		0.05	2.1	30.3	21.5	7.31
25	9	1986	43.35		0.66	2.15	30.8	21.7	8.
26	9	1986	38.72		3.96	2.18	28.8	22.	
27	9	1986	35.89		0.18	1.15	31.2	24.2	6.78
28	9	1986	35.74		0.	0.83	32.	20.	5.6
29	9	1986	27.81		0.	0.5	30.7	19.7	3.6
30	9	1986	41.33		0.	2.32	30.7	22.7	7.9
1	10	1986	47.18		0.02	1.81	30.8	23.2	7.15
2	10	1986	43.03		1.32	2.	32.5	21.	5.41
3	10	1986	27.36		0.13	0.82	29.3	21.	4.17
4	10	1986	42.59		0.	2.03	30.	20.	6.2
5	10	1986	46.91		0.	2.3	30.	24.	7.1
6	10	1986	37.1		0.75	2.05	26.5	20.3	4.59
7	10	1986	38.55		0.01	1.97	28.8	20.7	6.13
8	10	1986	32.93		0.25	2.02	29.	19.	4.64
9	10	1986	36.29		0.	2.38	30.	19.8	4.9
10	10	1986	47.85		0.86	3.07	28.8	20.7	8.04
11	10	1986	45.37		0.08	2.58	28.	21.1	6.36
12	10	1986	27.01		0.04	1.43	31.	20.5	4.18
13	10	1986	46.09		0.	1.93	30.5	19.	7.6
14	10	1986	47.12		0.	2.22	31.3	20.2	7.5
15	10	1986	45.29		1.69	2.1	29.	20.2	7.99
16	10	1986	42.75		0.	2.83	25.8	20.7	
17	10	1986	46.74		0.	3.5		17.5	
18	10	1986	19.5		0.	3.83	23.7	19.7	3.8
19	10	1986	30.63		0.	3.07	23.3	20.3	5.5

Table 1. Daily Weather Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
20	10	1986	25.19		0.3	3.57	29.2	21.4	3.95
21	10	1986	29.48		0.02	2.46	30.2	21.3	2.65
22	10	1986	42.52		0.	3.73	31.7	21.8	8.6
23	10	1986	45.38		0.		30.2	19.7	6.7
24	10	1986	42.76		0.	2.51	32.3	20.7	4.2
25	10	1986	38.5		0.	3.12	30.3	20.7	6.1
26	10	1986	39.06		0.22	1.78	27.	20.7	7.46
27	10	1986	41.02		0.	3.35	25.	19.5	6.4
28	10	1986	32.77		0.02	3.39	26.2	19.2	5.55
29	10	1986	29.73		0.02	3.97	23.5	19.5	1.65
30	10	1986	31.87		0.07	3.93	24.8	19.2	4.96
31	10	1986	26.34		0.02	3.45	28.7	19.7	3.85
1	11	1986	19.42		0.72	2.7	29.3	19.3	2.14
2	11	1986	42.6		0.48	2.89	30.7	17.7	6.83
3	11	1986	39.58		0.05	2.35	29.7	20.	5.61
4	11	1986	35.38		0.	2.02	29.5	19.2	5.2
5	11	1986	44.32		0.	2.22			6.6

Table 1. Daily Weather Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
6	2	1987	35.64		0.		32.2	23.	7.1
7	2	1987	19.1		0.305	3.13	27.2	15.	5.45
8	2	1987	14.17		0.025	5.47	22.	14.	3.35
9	2	1987	34.28		0.	4.75	26.2	16.	6.7
10	2	1987	37.55		0.	5.81	25.5	15.	6.8
11	2	1987	42.11		0.	5.11	28.2	19.3	7.4
12	2	1987	41.98		0.	5.22	27.8	15.7	9.7
13	2	1987	40.28		0.	4.95	27.8	17.8	2.1
14	2	1987	40.42		0.	3.84	28.	17.3	11.7
15	2	1987	37.78		0.	5.32	31.2	18.	9.8
16	2	1987	39.05		0.	8.45	34.7	18.8	7.9
17	2	1987	39.69		0.	5.45	35.8	17.3	9.8
18	2	1987	35.22		0.	7.6	31.2	21.	7.5
19	2	1987	36.63		0.	4.09	32.7	20.3	8.4
20	2	1987	40.21		0.	2.91	33.2	17.5	8.2
21	2	1987	42.5		0.	2.31	32.3	17.	8.1
22	2	1987	42.11		0.	2.02	32.7	20.3	8.2
23	2	1987	43.19		0.	4.16	30.7	17.5	13.8
24	2	1987	42.93		0.	4.49	32.	19.	9.
25	2	1987	43.47		0.	3.31	32.	17.2	9.3
26	2	1987	42.38		0.	3.25	32.3	17.7	7.4
27	2	1987	42.98		0.	3.18	32.7	16.8	8.5
28	2	1987	41.35		0.	3.59	36.3	21.2	8.9
1	3	1987	40.63		0.	3.04	33.2	20.7	9.5
2	3	1987	38.84		0.	2.64	34.5	22.	5.7
3	3	1987	33.34		0.229	3.11	32.3	21.3	9.39
4	3	1987	34.02		0.025	10.44	30.3	19.2	3.15
5	3	1987	25.97		0.	5.17	25.3	19.2	5.9
6	3	1987	35.94		0.	5.17	25.2	18.	7.5
7	3	1987	33.5		0.	2.68	29.	16.3	6.3
8	3	1987	30.51		0.	7.86	30.8	19.	7.3
9	3	1987	42.49		0.	4.98	28.3	20.2	9.3
10	3	1987	44.49		0.	5.06	32.3	22.	8.5
11	3	1987	36.97		0.	1.91	33.	20.3	7.3
12	3	1987	35.69		0.	5.13	31.3	21.7	8.
13	3	1987	17.36		0.025	5.08	24.7	19.	4.55
14	3	1987	40.86		0.	7.22	26.	18.	8.9
15	3	1987	43.95		0.	2.89	33.2	19.3	7.1
16	3	1987	42.21		0.	1.34	32.8	19.2	7.7
17	3	1987	41.85		0.	8.98	33.	19.	11.
18	3	1987	42.11		0.	8.24	32.8	17.7	11.
19	3	1987	38.72		0.	2.11	37.3	21.	7.2
20	3	1987	39.04		0.	2.95	35.7	20.2	9.3
21	3	1987	41.93		0.	2.32	37.7	22.5	10.4
22	3	1987	39.58		0.	10.1	34.	21.8	11.8

Table 1. Daily Weather Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
23	3	1987	39.97		0.	10.9	34.8	20.2	12.3
24	3	1987	40.75		0.	7.	37.5	20.3	8.3
25	3	1987	41.03		0.	4.93	38.5	21.2	10.4
26	3	1987	38.26		0.	7.39	36.3	21.	12.3
27	3	1987	37.29		0.	6.	39.3	22.8	9.7
28	3	1987	31.9		0.	2.64	35.8	21.3	8.4
29	3	1987	39.45		0.	2.94	38.	23.7	5.9
30	3	1987	31.95		0.14	3.68	34.7	19.2	10.1
31	3	1987	19.29		0.	9.63	22.	15.8	6.2
1	4	1987	37.46		0.102	6.08	20.8	19.2	8.52
2	4	1987	40.96		0.	2.13	33.3	16.2	6.8
3	4	1987	35.3		0.	4.97	31.3	19.2	9.1
4	4	1987	40.68		0.	4.82	31.	18.3	8.4
5	4	1987	43.49		0.	3.55	32.7	18.2	5.8
6	4	1987	42.93		0.	2.64	34.8	19.3	9.
7	4	1987	38.15		0.	3.42	34.3	22.6	8.3
8	4	1987	40.94		0.	7.21	31.7	21.7	10.7
9	4	1987	42.55		0.	4.79	31.3	22.3	8.4
10	4	1987	41.12		0.559	4.74	33.2	22.	9.19
11	4	1987	32.6		0.	2.04	32.3	19.2	6.1
12	4	1987	38.16		0.	1.35	34.5	21.8	7.
13	4	1987	40.11		0.	2.12	37.	22.	7.5
14	4	1987	36.17		0.025	2.28	35.7	23.	7.35
15	4	1987	39.44		0.	4.95	31.7	23.	9.9
16	4	1987	45.64		0.	3.26	31.7	22.7	9.2
17	4	1987	35.18		0.	1.6	33.3	20.3	6.
18	4	1987	44.99		0.	2.23	35.	21.2	9.8
19	4	1987	39.26		0.	2.58	33.7	21.2	10.1
20	4	1987	35.26		0.	2.79	32.3	18.	8.1
21	4	1987	38.56		0.	3.56	30.	17.	11.2
22	4	1987	36.37		0.	3.61	30.	15.	10.
23	4	1987	33.25		0.	3.08	29.7	16.8	8.4
24	4	1987	32.52		0.	3.29	31.	16.7	8.5
25	4	1987	34.21		0.	3.29	30.	17.5	9.9
26	4	1987	35.26		0.	2.96	30.8	18.8	9.7
27	4	1987	28.6		0.	3.12	29.2	20.	7.
28	4	1987	18.8		0.	4.64	25.5	18.3	4.7
29	4	1987	39.99		0.	5.03	29.5	17.7	8.9
30	4	1987	41.65		0.	4.01	33.5	18.8	9.1
1	5	1987	34.92		0.178	2.07	37.3	21.2	7.98
2	5	1987	28.51		0.	4.07	34.7	21.3	7.6
3	5	1987	29.35		0.	2.78	35.7	21.7	6.5
4	5	1987	36.62		0.	3.1	36.2	23.7	
5	5	1987	31.65		0.	3.7	32.8	21.5	8.7
6	5	1987	38.9		0.	4.	32.7	21.5	10.
7	5	1987	36.95		0.	4.17	31.8	21.	8.1

Table 1. Daily Weather Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
8	5	1987	38.96		0.	4.77	31.3	19.	10.6
9	5	1987	42.75		0.	4.51	32.3	20.	9.6
10	5	1987	33.43		0.	3.3	31.8	22.2	7.6
11	5	1987	30.6		0.025	3.18	33.5	22.2	7.15
12	5	1987	42.09		0.	4.8	32.3	22.5	9.9
13	5	1987	32.5		0.	4.72	31.2	22.5	7.9
14	5	1987	17.96		0.	4.61	28.5	21.	3.7
15	5	1987	27.02		0.	3.77	29.3	22.	6.2
16	5	1987	43.03		0.	4.46	32.	18.3	9.5
17	5	1987	46.11		0.	4.85	31.7	20.5	10.5
18	5	1987	42.13		0.267	4.68	33.3	22.3	8.57
19	5	1987	41.78		1.372	3.67	35.2	21.5	8.32
20	5	1987	42.2		0.051	4.67	33.3	20.8	9.51
21	5	1987	47.38		0.66	4.25	33.7	21.2	10.5
22	5	1987	41.37		0.	3.94	32.5	21.	8.1
23	5	1987	46.16		0.	4.37	32.	19.7	9.2
24	5	1987	40.08		0.	3.52	31.7	21.5	9.
25	5	1987	24.31		0.	2.67	30.5	21.5	3.9
26	5	1987	25.55		0.127	2.01	30.2	21.2	4.07
27	5	1987	36.26		0.	2.91	33.5	22.7	6.5
28	5	1987	31.69		0.076	2.41	33.2	21.5	6.26
29	5	1987	40.08		0.076	2.92	33.5	22.5	6.96
30	5	1987	33.6		0.279	3.84	32.8	20.7	6.69
31	5	1987	43.55		0.	3.84	33.2	23.	3.5
1	6	1987	41.61		0.	3.62	33.8	22.7	12.9
2	6	1987	45.55		0.	3.94	35.5	22.5	9.6
3	6	1987	40.41		0.203	2.81	35.3	21.2	7.93
4	6	1987	48.67		0.711	4.04	33.3	22.	10.91
5	6	1987	34.43		0.305	3.15	31.7	21.8	5.45
6	6	1987	31.88		0.279	2.45	32.8	22.5	6.59
7	6	1987	36.13		0.	3.29	32.7	22.	7.
8	6	1987	44.36		0.229	1.93	35.7	23.	6.59
9	6	1987	29.85		3.429	2.58	32.8	21.8	9.49
10	6	1987	29.1		0.381	2.15	31.5	22.5	4.21
11	6	1987	33.76		0.102	2.72	32.5	22.	7.42
12	6	1987	38.45		0.	3.34	32.7	21.8	7.6
13	6	1987	44.68		0.	2.59	32.5	21.8	8.
14	6	1987	50.36		0.	2.24	33.	22.	9.1
15	6	1987	48.31		0.	3.35	33.3	20.7	8.3
16	6	1987	53.37		6.07	2.4	32.5	21.8	
17	6	1987	36.44		1.62	3.14	33.2	22.	7.66
18	6	1987	41.98		0.406	3.4	32.3	21.8	6.56
19	6	1987	37.28		0.	1.35	33.8	22.	6.5
20	6	1987	44.14		0.127	2.41	33.7	25.2	7.37
21	6	1987	43.86		0.	1.52	34.2	22.5	7.3
22	6	1987	50.99		0.813	1.64	35.3	23.	8.03

Table 1. Daily Weather Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	SOLAR1	SOLAR2	RAIN	WIND	ATEMPMAX	ATEMPMIN	EVAP
23	6	1987	39.04		0.419	1.75	34.	21.5	6.29
24	6	1987	44.19		0.025	1.36	34.	22.8	6.85
25	6	1987	41.32		1.372	2.05	31.5	21.	7.02
26	6	1987	44.37		4.04	1.83	33.3	21.2	9.89
27	6	1987	39.16		0.051	2.51	30.3	21.7	7.41
28	6	1987	42.5		0.584	1.73	33.	21.8	7.54
29	6	1987	35.26		0.025	2.41	31.8	22.2	6.15
30	6	1987	45.13		1.549	2.17	32.2	20.7	8.89
1	7	1987	41.89		0.584	3.94	31.7	20.3	7.24
2	7	1987	23.77		0.94	2.62	26.7	20.2	3.5
3	7	1987	41.96		0.	1.39	31.7	21.3	6.3
4	7	1987	39.34		0.356	2.41	31.7	21.3	9.06
5	7	1987	31.34		1.016	1.98	31.2	21.8	4.36
6	7	1987	36.49		0.025	2.35	32.7	22.	16.75
7	7	1987	20.35		0.076	1.87	29.2	19.7	4.16
8	7	1987	43.02				34.7	20.	7.

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
5	6	1986	B01	0.765	N	N
5	6	1986	B02	0.77	N	N
5	6	1986	B03	0.82	N	N
5	6	1986	B04	0.765	N	N
5	6	1986	B05	0.735	N	N
5	6	1986	B06	0.645	N	N
5	6	1986	B07	0.77	N	N
5	6	1986	B08	0.755	N	N
5	6	1986	B09	0.765	N	N
5	6	1986	B10	0.725	N	N
5	6	1986	B11	0.815	N	N
5	6	1986	B12	0.76	N	N
6	6	1986	B01	0.75	N	N
6	6	1986	B02	0.76	N	N
6	6	1986	B03	0.81	N	N
6	6	1986	B04	0.755	N	N
6	6	1986	B05	0.725	N	N
6	6	1986	B06	0.745	Y	N
6	6	1986	B07	0.765	N	N
6	6	1986	B08	0.75	N	N
6	6	1986	B09	0.755	N	N
6	6	1986	B10	0.72	N	N
6	6	1986	B11	0.805	N	N
6	6	1986	B12	0.705	N	N
9	6	1986	B01	0.76	N	N
9	6	1986	B02	0.77	N	N
9	6	1986	B03	0.83	N	N
9	6	1986	B04	0.78	N	N
9	6	1986	B05	0.74	N	N
9	6	1986	B06	0.72	Y	N
9	6	1986	B07	0.785	N	N
9	6	1986	B08	0.775	N	N
9	6	1986	B09	0.775	N	N
9	6	1986	B10	0.745	N	N
9	6	1986	B11	0.82	N	N
9	6	1986	B12	0.59	Y	N
10	6	1986	B01	0.76	N	N
10	6	1986	B02	0.765	N	N
10	6	1986	B03	0.825	N	N
10	6	1986	B04	0.785	N	N
10	6	1986	B05	0.735	N	N
10	6	1986	B06	0.825	N	N
10	6	1986	B07	0.785	N	N
10	6	1986	B08	0.78	N	N
10	6	1986	B09	0.77	N	N
10	6	1986	B10	0.745	N	N
10	6	1986	B11	0.825	N	N
10	6	1986	B12	0.84	N	N
11	6	1986	B01	0.745	N	N
11	6	1986	B02	0.755	N	N
11	6	1986	B03	0.82	N	N
11	6	1986	B04	0.775	N	N
11	6	1986	B05	0.725	N	N
11	6	1986	B06	0.735	N	N
11	6	1986	B07	0.78	N	N
11	6	1986	B08	0.77	N	N
11	6	1986	B09	0.765	N	N
11	6	1986	B10	0.74	N	N
11	6	1986	B11	0.815	N	N
11	6	1986	B12	0.785	N	N
12	6	1986	B01	0.735	N	N
12	6	1986	B02	0.74	N	N
12	6	1986	B03	0.81	N	N
12	6	1986	B04	0.77	N	N
12	6	1986	B05	0.72	Y	N
12	6	1986	B06	0.76	N	N
12	6	1986	B07	0.77	N	N
12	6	1986	B08	0.77	N	N
12	6	1986	B09	0.765	N	N
12	6	1986	B10	0.74	Y	N
12	6	1986	B11	0.815	N	N
12	6	1986	B12	0.785	Y	N
13	6	1986	B01	0.8	N	N
13	6	1986	B02	0.745	Y	N
13	6	1986	B03	0.81	N	N
13	6	1986	B04	0.765	Y	N
13	6	1986	B05	0.775	N	N
13	6	1986	B06	0.745	Y	N
13	6	1986	B07	0.775	N	N
13	6	1986	B08	0.765	N	N
13	6	1986	B09	0.755	Y	N
13	6	1986	B10	0.8	N	N
13	6	1986	B11	0.81	N	N
13	6	1986	B12	0.69	Y	N
14	6	1986	B01	0.79	N	N
14	6	1986	B02	0.79	N	N
14	6	1986	B03	0.8	N	N
14	6	1986	B04	0.79	N	N
14	6	1986	B05	0.76	N	N
14	6	1986	B06	0.72	N	N
14	6	1986	B07	0.77	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
14	6	1986	B08	0.76	N	N
14	6	1986	B09	0.8	N	N
14	6	1986	B10	0.795	N	N
14	6	1986	B11	0.8	N	N
14	6	1986	B12	0.73	N	N
15	6	1986	B01	0.79	N	N
15	6	1986	B02	0.79	N	N
15	6	1986	B03	0.8	N	N
15	6	1986	B04	0.79	N	N
15	6	1986	B05	0.76	N	N
15	6	1986	B06	0.665	Y	N
15	6	1986	B07	0.77	N	N
15	6	1986	B08	0.77	N	N
15	6	1986	B09	0.8	N	N
15	6	1986	B10	0.8	N	N
15	6	1986	B11	0.8	N	N
15	6	1986	B12	0.69	Y	N
16	6	1986	B01	0.78	N	N
16	6	1986	B02	0.775	Y	N
16	6	1986	B03	0.795	N	N
16	6	1986	B04	0.79	N	N
16	6	1986	B05	0.755	N	N
16	6	1986	B06	0.735	Y	N
16	6	1986	B07	0.77	Y	N
16	6	1986	B08	0.76	Y	N
16	6	1986	B09	0.79	N	N
16	6	1986	B10	0.795	N	N
16	6	1986	B11	0.795	N	N
16	6	1986	B12	0.78	Y	N
17	6	1986	B01	0.775	N	N
17	6	1986	B02	0.775	Y	N
17	6	1986	B03	0.79	N	N
17	6	1986	B04	0.79	N	N
17	6	1986	B05	0.795	N	N
17	6	1986	B06	0.725	Y	N
17	6	1986	B07	0.76	Y	N
17	6	1986	B08	0.76	Y	N
17	6	1986	B09	0.785	N	N
17	6	1986	B10	0.79	N	N
17	6	1986	B11	0.79	N	N
17	6	1986	B12	0.765	Y	N
18	6	1986	B01	0.77	N	N
18	6	1986	B02	0.795	N	N
18	6	1986	B03	0.785	N	N
18	6	1986	B04	0.78	N	N
18	6	1986	B05	0.79	N	N
18	6	1986	B06	0.765	Y	N
18	6	1986	B07	0.79	N	N
18	6	1986	B08	0.81	N	N
18	6	1986	B09	0.775	N	N
18	6	1986	B10	0.785	N	N
18	6	1986	B11	0.785	N	N
18	6	1986	B12	0.76	Y	N
19	6	1986	B01	0.76	N	N
19	6	1986	B02	0.785	Y	N
19	6	1986	B03	0.775	N	N
19	6	1986	B04	0.775	N	N
19	6	1986	B05	0.775	N	N
19	6	1986	B06	0.755	Y	N
19	6	1986	B07	0.785	N	N
19	6	1986	B08	0.805	N	N
19	6	1986	B09	0.77	N	N
19	6	1986	B10	0.78	N	N
19	6	1986	B11	0.78	N	N
19	6	1986	B12	0.745	Y	N
20	6	1986	B01	0.75	N	N
20	6	1986	B02	0.785	N	N
20	6	1986	B03	0.77	N	N
20	6	1986	B04	0.77	N	N
20	6	1986	B05	0.775	N	N
20	6	1986	B06	0.725	Y	N
20	6	1986	B07	0.79	N	N
20	6	1986	B08	0.795	N	N
20	6	1986	B09	0.765	N	N
20	6	1986	B10	0.775	N	N
20	6	1986	B11	0.77	N	N
20	6	1986	B12	0.75	Y	N
21	6	1986	B01	0.74	N	N
21	6	1986	B02	0.775	N	N
21	6	1986	B03	0.78	N	N
21	6	1986	B04	0.77	N	N
21	6	1986	B05	0.76	N	N
21	6	1986	B06	0.71	N	N
21	6	1986	B07	0.79	N	N
21	6	1986	B08	0.79	N	N
21	6	1986	B09	0.775	N	N
21	6	1986	B10	0.77	N	N
21	6	1986	B11	0.765	N	N
21	6	1986	B12	0.73	N	N
22	6	1986	B01	0.775	N	N
22	6	1986	B02	0.81	N	N
22	6	1986	B03	0.795	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
22	6	1986	B04	0.8	N	N
22	6	1986	B05	0.79	N	N
22	6	1986	B06	0.68	N	N
22	6	1986	B07	0.82	N	N
22	6	1986	B08	0.85	N	N
22	6	1986	B09	0.785	N	N
22	6	1986	B10	0.805	N	N
22	6	1986	B11	0.8	N	N
22	6	1986	B12	0.72	N	N
23	6	1986	B01	0.775	N	N
23	6	1986	B02	0.81	N	N
23	6	1986	B03	0.8	N	N
23	6	1986	B04	0.805	N	N
23	6	1986	B05	0.795	N	N
23	6	1986	B06	0.77	Y	N
23	6	1986	B07	0.825	N	N
23	6	1986	B08	0.83	N	N
23	6	1986	B09	0.79	N	N
23	6	1986	B10	0.81	N	N
23	6	1986	B11	0.805	N	N
23	6	1986	B12	0.705	Y	N
24	6	1986	B01	0.77	N	N
24	6	1986	B02	0.8	N	N
24	6	1986	B03	0.79	N	N
24	6	1986	B04	0.8	N	N
24	6	1986	B05	0.785	N	N
24	6	1986	B06	0.735	N	N
24	6	1986	B07	0.82	N	N
24	6	1986	B08	0.825	N	N
24	6	1986	B09	0.78	N	N
24	6	1986	B10	0.805	N	N
24	6	1986	B11	0.805	N	N
24	6	1986	B12	0.76	N	N
25	6	1986	B01	0.76	N	N
25	6	1986	B02	0.79	N	N
25	6	1986	B03	0.79	N	N
25	6	1986	B04	0.8	N	N
25	6	1986	B05	0.785	N	N
25	6	1986	B06	0.75	Y	N
25	6	1986	B07	0.815	N	N
25	6	1986	B08	0.82	N	N
25	6	1986	B09	0.78	N	N
25	6	1986	B10	0.805	N	N
25	6	1986	B11	0.8	N	N
25	6	1986	B12	0.75	Y	N
26	6	1986	B01	0.755	N	N
26	6	1986	B02	0.785	N	N
26	6	1986	B03	0.77	N	N
26	6	1986	B04	0.795	N	N
26	6	1986	B05	0.78	N	N
26	6	1986	B06	0.74	Y	N
26	6	1986	B07	0.815	N	N
26	6	1986	B08	0.82	N	N
26	6	1986	B09	0.78	N	N
26	6	1986	B10	0.8	N	N
26	6	1986	B11	0.79	N	N
26	6	1986	B12	0.755	Y	N
27	6	1986	B01	0.745	N	N
27	6	1986	B02	0.77	N	N
27	6	1986	B03	0.775	N	N
27	6	1986	B04	0.79	N	N
27	6	1986	B05	0.77	N	N
27	6	1986	B06	0.78	N	N
27	6	1986	B07	0.805	N	N
27	6	1986	B08	0.815	N	N
27	6	1986	B09	0.76	N	N
27	6	1986	B10	0.795	N	N
27	6	1986	B11	0.79	N	N
27	6	1986	B12	0.76	N	N
28	6	1986	B01	0.79	N	N
28	6	1986	B02	0.77	N	N
28	6	1986	B03	0.775	N	N
28	6	1986	B04	0.79	N	N
28	6	1986	B05	0.77	N	N
28	6	1986	B06	0.75	N	N
28	6	1986	B07	0.81	N	N
28	6	1986	B08	0.815	N	N
28	6	1986	B09	0.76	N	N
28	6	1986	B10	0.795	N	N
28	6	1986	B11	0.79	N	N
28	6	1986	B12	0.76	N	N
29	6	1986	B01	0.79	N	N
29	6	1986	B02	0.77	N	N
29	6	1986	B03	0.775	N	N
29	6	1986	B04	0.79	N	N
29	6	1986	B05	0.77	N	N
29	6	1986	B06	0.685	N	N
29	6	1986	B07	0.81	N	N
29	6	1986	B08	0.82	N	N
29	6	1986	B09	0.76	N	N
29	6	1986	B10	0.795	N	N
29	6	1986	B11	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
29	6	1986	B12	0.72	Y	N
30	6	1986	B01	0.78	N	N
30	6	1986	B02	0.76	Y	N
30	6	1986	B03	0.77	N	N
30	6	1986	B04	0.785	N	N
30	6	1986	B05	0.765	N	N
30	6	1986	B06	0.755	Y	N
30	6	1986	B07	0.8	N	N
30	6	1986	B08	0.81	N	N
30	6	1986	B09	0.75	Y	N
30	6	1986	B10	0.79	N	N
30	6	1986	B11	0.78	N	N
30	6	1986	B12	0.68	Y	N
1	7	1986	B01	0.77	N	N
1	7	1986	B02	0.795	N	N
1	7	1986	B03	0.76	N	N
1	7	1986	B04	0.775	N	N
1	7	1986	B05	0.795	N	N
1	7	1986	B06	0.735	Y	N
1	7	1986	B07	0.79	N	N
1	7	1986	B08	0.805	N	N
1	7	1986	B09	0.8	N	N
1	7	1986	B10	0.78	N	N
1	7	1986	B11	0.77	N	N
1	7	1986	B12	0.765	Y	N
2	7	1986	B01	0.76	N	N
2	7	1986	B02	0.785	N	N
2	7	1986	B03	0.755	N	N
2	7	1986	B04	0.77	N	N
2	7	1986	B05	0.78	N	N
2	7	1986	B06	0.74	Y	N
2	7	1986	B07	0.785	N	N
2	7	1986	B08	0.8	N	N
2	7	1986	B09	0.79	N	N
2	7	1986	B10	0.775	N	N
2	7	1986	B11	0.77	N	N
2	7	1986	B12	0.73	N	N
3	7	1986	B01	0.755	N	N
3	7	1986	B02	0.775	N	N
3	7	1986	B03	0.745	N	N
3	7	1986	B04	0.765	N	N
3	7	1986	B05	0.775	N	N
3	7	1986	B06	0.755	N	N
3	7	1986	B07	0.78	N	N
3	7	1986	B08	0.79	N	N
3	7	1986	B09	0.78	N	N
3	7	1986	B10	0.765	N	N
3	7	1986	B11	0.76	N	N
3	7	1986	B12	0.76	N	N
4	7	1986	B01	0.75	N	N
4	7	1986	B02	0.77	N	N
4	7	1986	B03	0.74	N	N
4	7	1986	B04	0.76	N	N
4	7	1986	B05	0.77	N	N
4	7	1986	B06	0.695	Y	N
4	7	1986	B07	0.775	N	N
4	7	1986	B08	0.79	N	N
4	7	1986	B09	0.775	N	N
4	7	1986	B10	0.77	N	N
4	7	1986	B11	0.76	N	N
4	7	1986	B12	0.72	Y	N
5	7	1986	B01	0.735	N	N
5	7	1986	B02	0.755	N	N
5	7	1986	B03	0.73	N	N
5	7	1986	B04	0.755	N	N
5	7	1986	B05	0.76	N	N
5	7	1986	B06	0.775	N	N
5	7	1986	B07	0.77	N	N
5	7	1986	B08	0.78	N	N
5	7	1986	B09	0.765	N	N
5	7	1986	B10	0.76	N	N
5	7	1986	B11	0.755	N	N
5	7	1986	B12	0.765	N	N
6	7	1986	B01	0.73	N	N
6	7	1986	B02	0.75	N	N
6	7	1986	B03	0.73	N	N
6	7	1986	B04	0.75	N	N
6	7	1986	B05	0.755	N	N
6	7	1986	B06	0.725	N	N
6	7	1986	B07	0.765	N	N
6	7	1986	B08	0.775	N	N
6	7	1986	B09	0.76	N	N
6	7	1986	B10	0.755	N	N
6	7	1986	B11	0.75	N	N
6	7	1986	B12	0.73	N	N
7	7	1986	B01	0.72	N	N
7	7	1986	B02	0.74	N	N
7	7	1986	B03	0.72	N	N
7	7	1986	B04	0.74	Y	N
7	7	1986	B05	0.75	Y	N
7	7	1986	B06	0.69	Y	N
7	7	1986	B07	0.755	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
7	7	1986	B08	0.77	N	N
7	7	1986	B09	0.75	N	N
7	7	1986	B10	0.75	N	N
7	7	1986	B11	0.75	N	N
7	7	1986	B12	0.69	Y	N
8	7	1986	B01	0.785	N	N
8	7	1986	B02	0.725	Y	N
8	7	1986	B03	0.79	N	N
8	7	1986	B04	0.81	N	N
8	7	1986	B05	0.79	N	N
8	7	1986	B06	0.78	N	N
8	7	1986	B07	0.745	Y	N
8	7	1986	B08	0.76	Y	N
8	7	1986	B09	0.735	Y	N
8	7	1986	B10	0.74	Y	N
8	7	1986	B11	0.74	N	N
8	7	1986	B12	0.775	N	N
9	7	1986	B01	0.78	N	N
9	7	1986	B02	0.785	N	N
9	7	1986	B03	0.785	N	N
9	7	1986	B04	0.8	N	N
9	7	1986	B05	0.785	N	N
9	7	1986	B06	0.715	Y	N
9	7	1986	B07	0.79	N	N
9	7	1986	B08	0.805	N	N
9	7	1986	B09	0.785	N	N
9	7	1986	B10	0.785	N	N
9	7	1986	B11	0.785	N	N
9	7	1986	B12	0.735	Y	N
10	7	1986	B01	0.765	N	N
10	7	1986	B02	0.78	N	N
10	7	1986	B03	0.78	N	N
10	7	1986	B04	0.79	N	N
10	7	1986	B05	0.775	N	N
10	7	1986	B06	0.745	Y	N
10	7	1986	B07	0.785	N	N
10	7	1986	B08	0.8	N	N
10	7	1986	B09	0.78	N	N
10	7	1986	B10	0.78	N	N
10	7	1986	B11	0.78	N	N
10	7	1986	B12	0.745	Y	N
11	7	1986	B01	0.76	N	N
11	7	1986	B02	0.76	N	N
11	7	1986	B03	0.765	N	N
11	7	1986	B04	0.79	N	N
11	7	1986	B05	0.76	N	N
11	7	1986	B06	0.775	N	N
11	7	1986	B07	0.78	N	N
11	7	1986	B08	0.79	N	N
11	7	1986	B09	0.765	N	N
11	7	1986	B10	0.775	N	N
11	7	1986	B11	0.775	N	N
11	7	1986	B12	0.765	N	N
12	7	1986	B01	0.755	N	N
12	7	1986	B02	0.76	N	N
12	7	1986	B03	0.765	N	N
12	7	1986	B04	0.79	N	N
12	7	1986	B05	0.76	N	N
12	7	1986	B06	0.72	Y	N
12	7	1986	B07	0.775	N	N
12	7	1986	B08	0.79	N	N
12	7	1986	B09	0.765	N	N
12	7	1986	B10	0.77	N	N
12	7	1986	B11	0.77	N	N
12	7	1986	B12	0.725	Y	N
13	7	1986	B01	0.745	N	N
13	7	1986	B02	0.75	N	N
13	7	1986	B03	0.755	N	N
13	7	1986	B04	0.78	N	N
13	7	1986	B05	0.755	N	N
13	7	1986	B06	0.83	N	N
13	7	1986	B07	0.77	N	N
13	7	1986	B08	0.785	N	N
13	7	1986	B09	0.76	N	N
13	7	1986	B10	0.77	N	N
13	7	1986	B11	0.765	N	N
13	7	1986	B12	0.8	N	N
14	7	1986	B01	0.74	N	N
14	7	1986	B02	0.75	N	N
14	7	1986	B03	0.755	N	N
14	7	1986	B04	0.78	N	N
14	7	1986	B05	0.75	N	N
14	7	1986	B06	0.78	N	N
14	7	1986	B07	0.76	N	N
14	7	1986	B08	0.78	N	N
14	7	1986	B09	0.755	N	N
14	7	1986	B10	0.76	N	N
14	7	1986	B11	0.765	N	N
14	7	1986	B12	0.77	N	N
15	7	1986	B01	0.79	N	N
15	7	1986	B02	0.74	N	N
15	7	1986	B03	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
15	7	1986	B04	0.775	N	N
15	7	1986	B05	0.745	N	N
15	7	1986	B06	0.75	Y	N
15	7	1986	B07	0.76	N	N
15	7	1986	B08	0.775	N	N
15	7	1986	B09	0.75	N	N
15	7	1986	B10	0.755	N	N
15	7	1986	B11	0.795	N	N
15	7	1986	B12	0.75	Y	N
16	7	1986	B01	0.78	N	N
16	7	1986	B02	0.725	N	N
16	7	1986	B03	0.785	N	N
16	7	1986	B04	0.765	Y	N
16	7	1986	B05	0.78	N	N
16	7	1986	B06	0.725	Y	N
16	7	1986	B07	0.75	N	N
16	7	1986	B08	0.775	N	N
16	7	1986	B09	0.73	Y	N
16	7	1986	B10	0.745	Y	N
16	7	1986	B11	0.785	N	N
16	7	1986	B12	0.765	N	N
17	7	1986	B01	0.775	N	N
17	7	1986	B02	0.72	N	N
17	7	1986	B03	0.78	N	N
17	7	1986	B04	0.8	N	N
17	7	1986	B05	0.775	N	N
17	7	1986	B06	0.76	Y	N
17	7	1986	B07	0.745	N	N
17	7	1986	B08	0.77	Y	N
17	7	1986	B09	0.81	N	N
17	7	1986	B10	0.78	Y	N
17	7	1986	B11	0.78	N	N
17	7	1986	B12	0.73	Y	N
18	7	1986	B01	0.775	N	N
18	7	1986	B02	0.8	N	N
18	7	1986	B03	0.78	N	N
18	7	1986	B04	0.8	N	N
18	7	1986	B05	0.78	N	N
18	7	1986	B06	0.77	Y	N
18	7	1986	B07	0.805	N	N
18	7	1986	B08	0.82	N	N
18	7	1986	B09	0.805	N	N
18	7	1986	B10	0.805	N	N
18	7	1986	B11	0.79	N	N
18	7	1986	B12	0.78	Y	N
19	7	1986	B01	0.765	N	N
19	7	1986	B02	0.79	N	N
19	7	1986	B03	0.775	N	N
19	7	1986	B04	0.795	N	N
19	7	1986	B05	0.77	N	N
19	7	1986	B06	0.775	N	N
19	7	1986	B07	0.795	N	N
19	7	1986	B08	0.815	N	N
19	7	1986	B09	0.795	N	N
19	7	1986	B10	0.8	N	N
19	7	1986	B11	0.78	N	N
19	7	1986	B12	0.815	N	N
20	7	1986	B01	0.77	N	N
20	7	1986	B02	0.79	N	N
20	7	1986	B03	0.78	N	N
20	7	1986	B04	0.8	N	N
20	7	1986	B05	0.775	N	N
20	7	1986	B06	0.735	N	N
20	7	1986	B07	0.805	N	N
20	7	1986	B08	0.825	N	N
20	7	1986	B09	0.8	N	N
20	7	1986	B10	0.81	N	N
20	7	1986	B11	0.79	N	N
20	7	1986	B12	0.79	N	N
21	7	1986	B01	0.79	N	N
21	7	1986	B02	0.785	N	N
21	7	1986	B03	0.775	N	N
21	7	1986	B04	0.79	N	N
21	7	1986	B05	0.78	Y	N
21	7	1986	B06	0.685	Y	N
21	7	1986	B07	0.79	N	N
21	7	1986	B08	0.815	N	N
21	7	1986	B09	0.79	N	N
21	7	1986	B10	0.795	N	N
21	7	1986	B11	0.765	N	N
21	7	1986	B12	0.755	Y	N
22	7	1986	B01	0.795	N	N
22	7	1986	B02	0.775	N	N
22	7	1986	B03	0.765	N	N
22	7	1986	B04	0.79	N	N
22	7	1986	B05	0.795	N	N
22	7	1986	B06	0.78	N	N
22	7	1986	B07	0.79	N	N
22	7	1986	B08	0.815	N	N
22	7	1986	B09	0.785	N	N
22	7	1986	B10	0.795	N	N
22	7	1986	B11	0.775	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
22	7	1986	B12	0.77	N	N
23	7	1986	B01	0.785	N	N
23	7	1986	B02	0.77	N	N
23	7	1986	B03	0.76	N	N
23	7	1986	B04	0.785	N	N
23	7	1986	B05	0.79	N	N
23	7	1986	B06	0.725	Y	N
23	7	1986	B07	0.785	N	N
23	7	1986	B08	0.805	N	N
23	7	1986	B09	0.78	N	N
23	7	1986	B10	0.785	N	N
23	7	1986	B11	0.77	N	N
23	7	1986	B12	0.735	Y	N
24	7	1986	B01	0.795	N	N
24	7	1986	B02	0.78	N	N
24	7	1986	B03	0.775	N	N
24	7	1986	B04	0.795	N	N
24	7	1986	B05	0.8	N	N
24	7	1986	B06	0.775	N	N
24	7	1986	B07	0.795	N	N
24	7	1986	B08	0.82	N	N
24	7	1986	B09	0.79	N	N
24	7	1986	B10	0.805	N	N
24	7	1986	B11	0.785	N	N
24	7	1986	B12	0.815	N	N
25	7	1986	B01	0.785	N	N
25	7	1986	B02	0.77	N	N
25	7	1986	B03	0.765	N	N
25	7	1986	B04	0.79	N	N
25	7	1986	B05	0.79	N	N
25	7	1986	B06	0.725	Y	N
25	7	1986	B07	0.79	N	N
25	7	1986	B08	0.785	N	N
25	7	1986	B09	0.77	N	N
25	7	1986	B10	0.765	N	N
25	7	1986	B11	0.79	N	N
25	7	1986	B12	0.79	N	N
26	7	1986	B01	0.78	N	N
26	7	1986	B02	0.77	N	N
26	7	1986	B03	0.76	N	N
26	7	1986	B04	0.79	N	N
26	7	1986	B05	0.79	N	N
26	7	1986	B06	0.815	N	N
26	7	1986	B07	0.79	N	N
26	7	1986	B08	0.78	N	N
26	7	1986	B09	0.77	N	N
26	7	1986	B10	0.76	N	N
26	7	1986	B11	0.79	N	N
26	7	1986	B12	0.79	N	N
27	7	1986	B01	0.775	N	N
27	7	1986	B02	0.76	N	N
27	7	1986	B03	0.76	N	N
27	7	1986	B04	79.	N	N
27	7	1986	B05	0.78	N	N
27	7	1986	B06	0.77	N	N
27	7	1986	B07	0.785	N	N
27	7	1986	B08	0.815	N	N
27	7	1986	B09	0.78	N	N
27	7	1986	B10	0.795	N	N
27	7	1986	B11	0.775	N	N
27	7	1986	B12	0.72	N	N
28	7	1986	B01	0.77	N	N
28	7	1986	B02	0.755	Y	N
28	7	1986	B03	0.755	N	N
28	7	1986	B04	0.79	N	N
28	7	1986	B05	0.78	N	N
28	7	1986	B06	0.78	N	N
28	7	1986	B07	0.78	N	N
28	7	1986	B08	0.81	N	N
28	7	1986	B09	0.775	N	N
28	7	1986	B10	0.795	N	N
28	7	1986	B11	0.775	N	N
28	7	1986	B12	0.83	Y	N
29	7	1986	B01	0.795	N	N
29	7	1986	B02	0.805	N	N
29	7	1986	B03	0.795	N	N
29	7	1986	B04	0.78	N	N
29	7	1986	B05	0.775	N	N
29	7	1986	B06	0.74	Y	N
29	7	1986	B07	0.775	N	N
29	7	1986	B08	0.8	N	N
29	7	1986	B09	0.765	N	N
29	7	1986	B10	0.79	N	N
29	7	1986	B11	0.795	N	N
29	7	1986	B12	0.795	N	N
30	7	1986	B01	0.78	N	N
30	7	1986	B02	0.79	N	N
30	7	1986	B03	0.785	N	N
30	7	1986	B04	0.77	N	N
30	7	1986	B05	0.76	N	N
30	7	1986	B06	0.75	N	N
30	7	1986	B07	0.765	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
30	7	1986	B08	0.79	N	N
30	7	1986	B09	0.75	N	N
30	7	1986	B10	0.775	N	N
30	7	1986	B11	0.785	N	N
30	7	1986	B12	0.75	N	N
31	7	1986	B01	0.77	N	N
31	7	1986	B02	0.78	N	N
31	7	1986	B03	0.78	N	N
31	7	1986	B04	0.765	N	N
31	7	1986	B05	0.78	N	N
31	7	1986	B06	0.76	Y	N
31	7	1986	B07	0.77	Y	N
31	7	1986	B08	0.785	N	N
31	7	1986	B09	0.77	Y	N
31	7	1986	B10	0.77	N	N
31	7	1986	B11	0.755	N	N
31	7	1986	B12	0.76	Y	N
1	8	1986	B01	0.765	N	N
1	8	1986	B02	0.775	N	N
1	8	1986	B03	0.77	N	N
1	8	1986	B04	0.775	N	N
1	8	1986	B05	0.775	N	N
1	8	1986	B06	0.72	Y	N
1	8	1986	B07	0.765	N	N
1	8	1986	B08	0.775	N	N
1	8	1986	B09	0.76	N	N
1	8	1986	B10	0.76	N	N
1	8	1986	B11	0.77	N	N
1	8	1986	B12	0.745	Y	N
2	8	1986	B01	0.775	N	N
2	8	1986	B02	0.79	N	N
2	8	1986	B03	0.79	N	N
2	8	1986	B04	0.795	N	N
2	8	1986	B05	0.79	N	N
2	8	1986	B06	0.81	N	N
2	8	1986	B07	0.78	N	N
2	8	1986	B08	0.8	N	N
2	8	1986	B09	0.78	N	N
2	8	1986	B10	0.835	N	N
2	8	1986	B11	0.79	N	N
2	8	1986	B12	0.78	N	N
3	8	1986	B01	0.77	N	N
3	8	1986	B02	0.78	N	N
3	8	1986	B03	0.78	N	N
3	8	1986	B04	0.785	N	N
3	8	1986	B05	0.785	N	N
3	8	1986	B06	0.775	N	N
3	8	1986	B07	0.775	N	N
3	8	1986	B08	0.77	N	N
3	8	1986	B09	0.78	N	N
3	8	1986	B10	0.78	N	N
3	8	1986	B11	0.785	N	N
3	8	1986	B12	0.785	N	N
4	8	1986	B01	0.755	N	N
4	8	1986	B02	0.765	Y	N
4	8	1986	B03	0.77	N	N
4	8	1986	B04	0.78	N	N
4	8	1986	B05	0.775	Y	N
4	8	1986	B06	0.725	Y	N
4	8	1986	B07	0.765	N	N
4	8	1986	B08	0.785	N	N
4	8	1986	B09	0.76	Y	N
4	8	1986	B10	0.815	N	N
4	8	1986	B11	0.77	N	N
4	8	1986	B12	0.715	Y	N
5	8	1986	B01	0.79	N	N
5	8	1986	B02	0.8	N	N
5	8	1986	B03	0.795	N	N
5	8	1986	B04	0.775	Y	N
5	8	1986	B05	0.8	N	N
5	8	1986	B06	0.77	Y	N
5	8	1986	B07	0.81	N	N
5	8	1986	B08	0.78	N	N
5	8	1986	B09	0.795	N	N
5	8	1986	B10	0.815	N	N
5	8	1986	B11	0.795	N	N
5	8	1986	B12	0.78	Y	N
6	8	1986	B01	0.78	N	N
6	8	1986	B02	0.785	N	N
6	8	1986	B03	0.785	N	N
6	8	1986	B04	0.765	N	N
6	8	1986	B05	0.785	N	N
6	8	1986	B06	0.73	N	N
6	8	1986	B07	0.795	N	N
6	8	1986	B08	0.77	N	N
6	8	1986	B09	0.785	N	N
6	8	1986	B10	0.8	N	N
6	8	1986	B11	0.785	N	N
6	8	1986	B12	0.75	N	N
7	8	1986	B01	0.77	N	N
7	8	1986	B02	0.775	N	N
7	8	1986	B03	0.78	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
7	8	1986	B04	0.795	N	N
7	8	1986	B05	0.78	N	N
7	8	1986	B06	0.765	N	N
7	8	1986	B07	0.79	N	N
7	8	1986	B08	0.76	N	N
7	8	1986	B09	0.775	N	N
7	8	1986	B10	0.795	N	N
7	8	1986	B11	0.78	N	N
7	8	1986	B12	0.77	N	N
8	8	1986	B01	0.765	N	N
8	8	1986	B02	0.775	N	N
8	8	1986	B03	0.775	N	N
8	8	1986	B04	0.79	N	N
8	8	1986	B05	0.775	N	N
8	8	1986	B06	0.735	Y	N
8	8	1986	B07	0.785	N	N
8	8	1986	B08	0.76	N	N
8	8	1986	B09	0.77	N	N
8	8	1986	B10	0.79	N	N
8	8	1986	B11	0.77	N	N
8	8	1986	B12	0.74	Y	N
9	8	1986	B01	0.775	N	N
9	8	1986	B02	0.765	N	N
9	8	1986	B03	0.775	N	N
9	8	1986	B04	0.785	N	N
9	8	1986	B05	0.77	N	N
9	8	1986	B06	0.83	N	N
9	8	1986	B07	0.775	N	N
9	8	1986	B08	0.775	N	N
9	8	1986	B09	0.76	N	N
9	8	1986	B10	0.785	N	N
9	8	1986	B11	0.77	N	N
9	8	1986	B12	0.775	N	N
10	8	1986	B01	0.75	N	N
10	8	1986	B02	0.755	N	N
10	8	1986	B03	0.76	N	N
10	8	1986	B04	0.78	N	N
10	8	1986	B05	0.76	N	N
10	8	1986	B06	0.79	N	N
10	8	1986	B07	0.77	N	N
10	8	1986	B08	0.75	N	N
10	8	1986	B09	0.755	N	N
10	8	1986	B10	0.78	N	N
10	8	1986	B11	0.76	N	N
10	8	1986	B12	0.745	N	N
11	8	1986	B01	0.735	N	N
11	8	1986	B02	0.75	N	N
11	8	1986	B03	0.755	N	N
11	8	1986	B04	0.77	N	N
11	8	1986	B05	0.755	Y	N
11	8	1986	B06	0.755	Y	N
11	8	1986	B07	0.76	N	N
11	8	1986	B08	0.74	N	N
11	8	1986	B09	0.75	N	N
11	8	1986	B10	0.77	N	N
11	8	1986	B11	0.755	N	N
11	8	1986	B12	0.715	Y	N
12	8	1986	B01	0.785	N	N
12	8	1986	B02	0.735	Y	N
12	8	1986	B03	0.79	N	N
12	8	1986	B04	0.765	Y	N
12	8	1986	B05	0.785	N	N
12	8	1986	B06	0.765	Y	N
12	8	1986	B07	0.755	Y	N
12	8	1986	B08	0.74	Y	N
12	8	1986	B09	0.74	Y	N
12	8	1986	B10	0.765	Y	N
12	8	1986	B11	0.795	N	N
12	8	1986	B12	0.76	Y	N
13	8	1986	B01	0.79	N	N
13	8	1986	B02	0.795	N	N
13	8	1986	B03	0.795	N	N
13	8	1986	B04	0.8	N	N
13	8	1986	B05	0.79	N	N
13	8	1986	B06	0.775	N	N
13	8	1986	B07	0.8	N	N
13	8	1986	B08	0.825	N	N
13	8	1986	B09	0.805	N	N
13	8	1986	B10	0.8	N	N
13	8	1986	B11	0.795	N	N
13	8	1986	B12	0.775	N	N
14	8	1986	B01	0.785	N	N
14	8	1986	B02	0.79	N	N
14	8	1986	B03	0.795	N	N
14	8	1986	B04	0.85	N	N
14	8	1986	B05	0.79	N	N
14	8	1986	B06	0.75	N	N
14	8	1986	B07	0.795	N	N
14	8	1986	B08	0.825	N	N
14	8	1986	B09	0.8	N	N
14	8	1986	B10	0.795	N	N
14	8	1986	B11	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
14	8	1986	B12	0.75	N	N
15	8	1986	B01	0.775	N	N
15	8	1986	B02	0.785	N	N
15	8	1986	B03	0.785	N	N
15	8	1986	B04	0.795	N	N
15	8	1986	B05	0.785	N	N
15	8	1986	B06	0.71	Y	N
15	8	1986	B07	0.79	N	N
15	8	1986	B08	0.82	N	N
15	8	1986	B09	0.795	N	N
15	8	1986	B10	0.795	N	N
15	8	1986	B11	0.79	N	N
15	8	1986	B12	0.725	Y	N
16	8	1986	B01	0.77	N	N
16	8	1986	B02	0.78	N	N
16	8	1986	B03	0.785	N	N
16	8	1986	B04	0.79	N	N
16	8	1986	B05	0.79	N	N
16	8	1986	B06	0.775	N	N
16	8	1986	B07	0.77	N	N
16	8	1986	B08	0.815	N	N
16	8	1986	B09	0.79	N	N
16	8	1986	B10	0.79	N	N
16	8	1986	B11	0.785	N	N
16	8	1986	B12	0.805	N	N
17	8	1986	B01	0.76	N	N
17	8	1986	B02	0.77	N	N
17	8	1986	B03	0.775	N	N
17	8	1986	B04	0.785	N	N
17	8	1986	B05	0.77	N	N
17	8	1986	B06	0.74	N	N
17	8	1986	B07	0.78	N	N
17	8	1986	B08	0.81	N	N
17	8	1986	B09	0.78	N	N
17	8	1986	B10	0.78	N	N
17	8	1986	B11	0.78	N	N
17	8	1986	B12	0.775	N	N
18	8	1986	B01	0.755	N	N
18	8	1986	B02	0.76	Y	N
18	8	1986	B03	0.76	N	N
18	8	1986	B04	0.775	Y	N
18	8	1986	B05	0.76	Y	N
18	8	1986	B06	0.72	Y	N
18	8	1986	B07	0.77	N	N
18	8	1986	B08	0.8	N	N
18	8	1986	B09	0.77	N	N
18	8	1986	B10	0.775	N	N
18	8	1986	B11	0.775	N	N
18	8	1986	B12	0.785	Y	N
19	8	1986	B01	0.79	N	N
19	8	1986	B02	0.815	N	N
19	8	1986	B03	0.795	N	N
19	8	1986	B04	0.79	N	N
19	8	1986	B05	0.795	N	N
19	8	1986	B06	0.77	N	N
19	8	1986	B07	0.765	N	N
19	8	1986	B08	0.795	N	N
19	8	1986	B09	0.795	N	N
19	8	1986	B10	0.765	N	N
19	8	1986	B11	0.795	N	N
19	8	1986	B12	0.77	N	N
20	8	1986	B01	0.785	N	N
20	8	1986	B02	0.81	N	N
20	8	1986	B03	0.79	N	N
20	8	1986	B04	0.79	N	N
20	8	1986	B05	0.79	N	N
20	8	1986	B06	0.735	Y	N
20	8	1986	B07	0.76	N	N
20	8	1986	B08	0.795	N	N
20	8	1986	B09	0.76	Y	N
20	8	1986	B10	0.76	N	N
20	8	1986	B11	0.79	N	N
20	8	1986	B12	0.74	Y	N
21	8	1986	B01	0.775	N	N
21	8	1986	B02	0.8	N	N
21	8	1986	B03	0.78	N	N
21	8	1986	B04	0.78	Y	N
21	8	1986	B05	0.785	N	N
21	8	1986	B06	0.79	N	N
21	8	1986	B07	0.755	Y	N
21	8	1986	B08	0.785	N	N
21	8	1986	B09	0.825	N	N
21	8	1986	B10	0.8	N	N
21	8	1986	B11	0.78	N	N
21	8	1986	B12	0.78	N	N
22	8	1986	B01	0.765	N	N
22	8	1986	B02	0.785	N	N
22	8	1986	B03	0.77	N	N
22	8	1986	B04	0.79	N	N
22	8	1986	B05	0.78	N	N
22	8	1986	B06	0.75	N	N
22	8	1986	B07	0.805	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
22	8	1986	B08	0.78	N	N
22	8	1986	B09	0.815	N	N
22	8	1986	B10	0.795	N	N
22	8	1986	B11	0.78	N	N
22	8	1986	B12	0.745	N	N
23	8	1986	B01	0.77	N	N
23	8	1986	B02	0.79	N	N
23	8	1986	B03	0.77	N	N
23	8	1986	B04	0.79	N	N
23	8	1986	B05	0.78	N	N
23	8	1986	B06	0.77	N	N
23	8	1986	B07	0.81	N	N
23	8	1986	B08	0.78	N	N
23	8	1986	B09	0.815	N	N
23	8	1986	B10	0.795	N	N
23	8	1986	B11	0.78	N	N
23	8	1986	B12	0.78	N	N
24	8	1986	B01	0.755	N	N
24	8	1986	B02	0.78	N	N
24	8	1986	B03	0.77	N	N
24	8	1986	B04	0.79	N	N
24	8	1986	B05	0.775	N	N
24	8	1986	B06	0.735	N	N
24	8	1986	B07	0.8	N	N
24	8	1986	B08	0.775	N	N
24	8	1986	B09	0.81	N	N
24	8	1986	B10	0.79	N	N
24	8	1986	B11	0.775	N	N
24	8	1986	B12	0.75	N	N
25	8	1986	B01	0.77	N	N
25	8	1986	B02	0.775	N	N
25	8	1986	B03	0.76	N	N
25	8	1986	B04	0.785	N	N
25	8	1986	B05	0.77	N	N
25	8	1986	B06	0.7	Y	N
25	8	1986	B07	0.795	N	N
25	8	1986	B08	0.775	N	N
25	8	1986	B09	0.805	N	N
25	8	1986	B10	0.785	N	N
25	8	1986	B11	0.775	N	N
25	8	1986	B12	0.72	Y	N
26	8	1986	B01	0.795	N	N
26	8	1986	B02	0.77	N	N
26	8	1986	B03	0.795	N	N
26	8	1986	B04	0.78	N	N
26	8	1986	B05	0.765	N	N
26	8	1986	B06	0.77	N	N
26	8	1986	B07	0.785	N	N
26	8	1986	B08	0.77	N	N
26	8	1986	B09	0.8	N	N
26	8	1986	B10	0.78	N	N
26	8	1986	B11	0.79	N	N
26	8	1986	B12	0.775	N	N
27	8	1986	B01	0.785	N	N
27	8	1986	B02	0.76	Y	N
27	8	1986	B03	0.785	N	N
27	8	1986	B04	0.77	Y	N
27	8	1986	B05	0.76	Y	N
27	8	1986	B06	0.735	Y	N
27	8	1986	B07	0.78	N	N
27	8	1986	B08	0.76	N	N
27	8	1986	B09	0.79	Y	N
27	8	1986	B10	0.775	Y	N
27	8	1986	B11	0.785	N	N
27	8	1986	B12	0.75	Y	N
28	8	1986	B01	0.775	N	N
28	8	1986	B02	0.79	N	N
28	8	1986	B03	0.78	N	N
28	8	1986	B04	0.795	N	N
28	8	1986	B05	0.78	N	N
28	8	1986	B06	0.775	N	N
28	8	1986	B07	0.775	N	N
28	8	1986	B08	0.81	N	N
28	8	1986	B09	0.78	N	N
28	8	1986	B10	0.79	N	N
28	8	1986	B11	0.79	N	N
28	8	1986	B12	0.765	N	N
29	8	1986	B01	0.765	N	N
29	8	1986	B02	0.78	N	N
29	8	1986	B03	0.77	N	N
29	8	1986	B04	0.785	N	N
29	8	1986	B05	0.785	N	N
29	8	1986	B06	0.74	Y	N
29	8	1986	B07	0.765	N	N
29	8	1986	B08	0.805	N	N
29	8	1986	B09	0.77	N	N
29	8	1986	B10	0.78	N	N
29	8	1986	B11	0.775	N	N
29	8	1986	B12	0.74	Y	N
30	8	1986	B01	0.755	N	N
30	8	1986	B02	0.775	N	N
30	8	1986	B03	0.765	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
30	8	1986	B04	0.78	N	N
30	8	1986	B05	0.775	N	N
30	8	1986	B06	0.775	N	N
30	8	1986	B07	0.76	N	N
30	8	1986	B08	0.8	N	N
30	8	1986	B09	0.77	N	N
30	8	1986	B10	0.775	N	N
30	8	1986	B11	0.77	N	N
30	8	1986	B12	0.8	N	N
31	8	1986	B01	0.75	N	N
31	8	1986	B02	0.77	N	N
31	8	1986	B03	0.76	N	N
31	8	1986	B04	0.775	N	N
31	8	1986	B05	0.775	N	N
31	8	1986	B06	0.75	Y	N
31	8	1986	B07	0.775	N	N
31	8	1986	B08	0.795	N	N
31	8	1986	B09	0.765	N	N
31	8	1986	B10	0.775	N	N
31	8	1986	B11	0.765	N	N
31	8	1986	B12	0.78	N	N
1	9	1986	B01	0.78	N	N
1	9	1986	B02	0.75	N	N
1	9	1986	B03	0.745	N	N
1	9	1986	B04	0.765	N	N
1	9	1986	B05	0.76	Y	N
1	9	1986	B06	0.78	Y	N
1	9	1986	B07	0.74	Y	N
1	9	1986	B08	0.785	N	N
1	9	1986	B09	0.75	Y	N
1	9	1986	B10	0.76	Y	N
1	9	1986	B11	0.755	N	N
1	9	1986	B12	0.755	Y	N
2	9	1986	B01	0.795	N	N
2	9	1986	B02	0.795	N	N
2	9	1986	B03	0.795	N	N
2	9	1986	B04	0.76	N	N
2	9	1986	B05	0.805	N	N
2	9	1986	B06	0.77	N	N
2	9	1986	B07	0.795	N	N
2	9	1986	B08	0.79	N	N
2	9	1986	B09	0.79	N	N
2	9	1986	B10	0.78	N	N
2	9	1986	B11	0.795	N	N
2	9	1986	B12	0.78	N	N
3	9	1986	B01	0.79	N	N

TH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW	DEAD#
3	9	1986	B02	0.785	N	N
3	9	1986	B03	0.79	N	N
3	9	1986	B04	0.76	Y	N
3	9	1986	B05	0.795	N	N
3	9	1986	B06	0.73	Y	N
3	9	1986	B07	0.79	N	N
3	9	1986	B08	0.785	N	N
3	9	1986	B09	0.785	N	N
3	9	1986	B10	0.78	N	N
3	9	1986	B11	0.785	N	N
3	9	1986	B12	0.75	Y	N
4	9	1986	B01	0.78	N	N
4	9	1986	B02	0.78	N	N
4	9	1986	B03	0.79	N	N
4	9	1986	B04	0.795	N	N
4	9	1986	B05	0.79	N	N
4	9	1986	B06	0.78	N	N
4	9	1986	B07	0.785	N	N
4	9	1986	B08	0.78	N	N
4	9	1986	B09	0.78	N	N
4	9	1986	B10	0.775	N	N
4	9	1986	B11	0.785	N	N
4	9	1986	B12	0.785	N	N
5	9	1986	B01	0.77	N	N
5	9	1986	B02	0.775	N	N
5	9	1986	B03	0.78	N	N
5	9	1986	B04	0.79	N	N
5	9	1986	B05	0.785	N	N
5	9	1986	B06	0.745	Y	N
5	9	1986	B07	0.775	N	N
5	9	1986	B08	0.775	N	N
5	9	1986	B09	0.775	N	N
5	9	1986	B10	0.77	N	N
5	9	1986	B11	0.78	N	N
5	9	1986	B12	0.76	Y	N
6	9	1986	B01	0.785	N	N
6	9	1986	B02	0.79	N	N
6	9	1986	B03	0.795	N	N
6	9	1986	B04	0.81	N	N
6	9	1986	B05	0.8	N	N
6	9	1986	B06	0.775	Y	N
6	9	1986	B07	0.79	N	N
6	9	1986	B08	0.79	N	N
6	9	1986	B09	0.79	N	N
6	9	1986	B10	0.79	N	N
6	9	1986	B11	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
6	9	1986	B12	0.815	N	N
7	9	1986	B01	0.775	N	N
7	9	1986	B02	0.78	N	N
7	9	1986	B03	0.79	N	N
7	9	1986	B04	0.8	N	N
7	9	1986	B05	0.79	N	N
7	9	1986	B06	0.785	N	N
7	9	1986	B07	0.785	N	N
7	9	1986	B08	0.78	N	N
7	9	1986	B09	0.78	N	N
7	9	1986	B10	0.78	N	N
7	9	1986	B11	0.785	N	N
7	9	1986	B12	0.79	N	N
8	9	1986	B01	0.765	N	N
8	9	1986	B02	0.775	N	N
8	9	1986	B03	0.78	N	N
8	9	1986	B04	0.79	N	N
8	9	1986	B05	0.78	N	N
8	9	1986	B06	0.755	Y	N
8	9	1986	B07	0.775	N	N
8	9	1986	B08	0.775	N	N
8	9	1986	B09	0.775	N	N
8	9	1986	B10	0.775	N	N
8	9	1986	B11	0.78	N	N
8	9	1986	B12	0.76	Y	N
9	9	1986	B01	0.75	N	N
9	9	1986	B02	0.76	N	N
9	9	1986	B03	0.775	N	N
9	9	1986	B04	0.78	N	N
9	9	1986	B05	0.77	N	N
9	9	1986	B06	0.765	Y	N
9	9	1986	B07	0.77	N	N
9	9	1986	B08	0.765	N	N
9	9	1986	B09	0.76	N	N
9	9	1986	B10	0.765	N	N
9	9	1986	B11	0.77	N	N
9	9	1986	B12	0.795	Y	N
10	9	1986	B01	0.74	N	N
10	9	1986	B02	0.75	Y	N
10	9	1986	B03	0.765	N	N
10	9	1986	B04	0.78	N	N
10	9	1986	B05	0.76	N	N
10	9	1986	B06	0.8	N	N
10	9	1986	B07	0.76	Y	N
10	9	1986	B08	0.76	Y	N
10	9	1986	B09	0.755	Y	N
10	9	1986	B10	0.76	N	N
10	9	1986	B11	0.765	N	N
10	9	1986	B12	0.78	N	N
11	9	1986	B01	0.795	N	N
11	9	1986	B02	0.79	N	N
11	9	1986	B03	0.795	N	N
11	9	1986	B04	0.78	Y	N
11	9	1986	B05	0.76	Y	N
11	9	1986	B06	0.775	Y	N
11	9	1986	B07	0.79	N	N
11	9	1986	B08	0.83	N	N
11	9	1986	B09	0.79	N	N
11	9	1986	B10	0.76	Y	N
11	9	1986	B11	0.805	N	N
11	9	1986	B12	0.77	Y	N
12	9	1986	B01	0.805	N	N
12	9	1986	B02	0.8	N	N
12	9	1986	B03	0.81	N	N
12	9	1986	B04	0.81	N	N
12	9	1986	B05	0.815	N	N
12	9	1986	B06	0.785	N	N
12	9	1986	B07	0.795	N	N
12	9	1986	B08	0.845	N	N
12	9	1986	B09	0.8	N	N
12	9	1986	B10	0.81	N	N
12	9	1986	B11	0.81	N	N
12	9	1986	B12	0.79	N	N
13	9	1986	B01	0.805	N	N
13	9	1986	B02	0.8	N	N
13	9	1986	B03	0.815	N	N
13	9	1986	B04	0.815	N	N
13	9	1986	B05	0.82	N	N
13	9	1986	B06	0.765	N	N
13	9	1986	B07	0.8	N	N
13	9	1986	B08	0.855	N	N
13	9	1986	B09	0.805	N	N
13	9	1986	B10	0.815	N	N
13	9	1986	B11	0.815	N	N
13	9	1986	B12	0.78	N	N
14	9	1986	B01	0.8	N	N
14	9	1986	B02	0.8	N	N
14	9	1986	B03	0.815	N	N
14	9	1986	B04	0.81	N	N
14	9	1986	B05	0.815	N	N
14	9	1986	B06	0.74	Y	N
14	9	1986	B07	0.795	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
14	9	1986	B08	0.845	N	N
14	9	1986	B09	0.805	N	N
14	9	1986	B10	0.81	N	N
14	9	1986	B11	0.81	N	N
14	9	1986	B12	0.765	Y	N
15	9	1986	B01		N	N
15	9	1986	B02		N	N
15	9	1986	B03		N	N
15	9	1986	B04		N	N
15	9	1986	B05		N	N
15	9	1986	B06		N	N
15	9	1986	B07		N	N
15	9	1986	B08		N	N
15	9	1986	B09		N	N
15	9	1986	B10		N	N
15	9	1986	B11		N	N
15	9	1986	B12		N	N
16	9	1986	B01	0.8	N	N
16	9	1986	B02	0.805	N	N
16	9	1986	B03	0.815	N	N
16	9	1986	B04	0.825	N	N
16	9	1986	B05	0.825	N	N
16	9	1986	B06	0.83	N	N
16	9	1986	B07	0.805	N	N
16	9	1986	B08	0.855	N	N
16	9	1986	B09	0.81	N	N
16	9	1986	B10	0.825	N	N
16	9	1986	B11	0.815	N	N
16	9	1986	B12	0.815	N	N
17	9	1986	B01	0.795	N	N
17	9	1986	B02	0.795	N	N
17	9	1986	B03	0.805	N	N
17	9	1986	B04	0.815	N	N
17	9	1986	B05	0.815	N	N
17	9	1986	B06	0.8	N	N
17	9	1986	B07	0.795	N	N
17	9	1986	B08	0.85	N	N
17	9	1986	B09	0.8	N	N
17	9	1986	B10	0.815	N	N
17	9	1986	B11	0.805	N	N
17	9	1986	B12	0.79	N	N
18	9	1986	B01	0.785	N	N
18	9	1986	B02	0.79	N	N
18	9	1986	B03	0.805	N	N
18	9	1986	B04	0.805	N	N
18	9	1986	B05	0.81	Y	N
18	9	1986	B06	0.765	Y	N
18	9	1986	B07	0.79	N	N
18	9	1986	B08	0.845	N	N
18	9	1986	B09	0.795	N	N
18	9	1986	B10	0.805	N	N
18	9	1986	B11	0.8	N	N
18	9	1986	B12	0.775	Y	N
19	9	1986	B01	0.78	N	N
19	9	1986	B02	0.785	N	N
19	9	1986	B03	0.8	N	N
19	9	1986	B04	0.805	N	N
19	9	1986	B05	0.805	N	N
19	9	1986	B06	0.74	N	N
19	9	1986	B07	0.79	N	N
19	9	1986	B08	0.84	N	N
19	9	1986	B09	0.79	N	N
19	9	1986	B10	0.805	N	N
19	9	1986	B11	0.8	N	N
19	9	1986	B12	0.76	N	N
20	9	1986	B01	0.775	N	N
20	9	1986	B02	0.78	N	N
20	9	1986	B03	0.8	N	N
20	9	1986	B04	0.805	N	N
20	9	1986	B05	0.85	N	N
20	9	1986	B06	0.795	N	N
20	9	1986	B07	0.785	N	N
20	9	1986	B08	0.84	N	N
20	9	1986	B09	0.79	N	N
20	9	1986	B10	0.805	N	N
20	9	1986	B11	0.795	N	N
20	9	1986	B12	0.79	N	N
21	9	1986	B01	0.775	N	N
21	9	1986	B02	0.775	N	N
21	9	1986	B03	0.795	N	N
21	9	1986	B04	0.805	N	N
21	9	1986	B05	0.805	N	N
21	9	1986	B06	0.765	N	N
21	9	1986	B07	0.78	N	N
21	9	1986	B08	0.84	N	N
21	9	1986	B09	0.79	N	N
21	9	1986	B10	0.805	N	N
21	9	1986	B11	0.795	N	N
21	9	1986	B12	78.	N	N
22	9	1986	B01	0.77	N	N
22	9	1986	B02	0.785	N	N
22	9	1986	B03	0.8	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
22	9	1986	B04	0.805	N	N
22	9	1986	B05	0.805	N	N
22	9	1986	B06	0.75	Y	N
22	9	1986	B07	0.79	N	N
22	9	1986	B08	0.84	N	N
22	9	1986	B09	0.79	N	N
22	9	1986	B10	0.81	N	N
22	9	1986	B11	0.795	N	N
22	9	1986	B12	0.77	Y	N
23	9	1986	B01	0.79	N	N
23	9	1986	B02	0.77	N	N
23	9	1986	B03	0.785	N	N
23	9	1986	B04	0.8	N	N
23	9	1986	B05	0.795	N	N
23	9	1986	B06	0.78	N	N
23	9	1986	B07	0.77	N	N
23	9	1986	B08	0.83	N	N
23	9	1986	B09	0.78	N	N
23	9	1986	B10	0.8	N	N
23	9	1986	B11	0.785	N	N
23	9	1986	B12	0.78	N	N
24	9	1986	B01	0.78	N	N
24	9	1986	B02	0.76	N	N
24	9	1986	B03	0.78	N	N
24	9	1986	B04	0.795	N	N
24	9	1986	B05	0.79	N	N
24	9	1986	B06	0.76	Y	N
24	9	1986	B07	0.765	N	N
24	9	1986	B08	0.825	N	N
24	9	1986	B09	0.77	N	N
24	9	1986	B10	0.8	N	N
24	9	1986	B11	0.78	N	N
24	9	1986	B12	0.765	Y	N
25	9	1986	B01	0.775	N	N
25	9	1986	B02	0.76	N	N
25	9	1986	B03	0.78	N	N
25	9	1986	B04	0.79	N	N
25	9	1986	B05	0.78	N	N
25	9	1986	B06	0.79	N	N
25	9	1986	B07	0.76	N	N
25	9	1986	B08	0.825	N	N
25	9	1986	B09	0.765	N	N
25	9	1986	B10	0.79	N	N
25	9	1986	B11	0.78	N	N
25	9	1986	B12	0.795	N	N
26	9	1986	B01	0.77	N	N
26	9	1986	B02	0.755	N	N
26	9	1986	B03	0.775	N	N
26	9	1986	B04	0.79	N	N
26	9	1986	B05	0.785	N	N
26	9	1986	B06	0.77	N	N
26	9	1986	B07	0.76	N	N
26	9	1986	B08	0.82	N	N
26	9	1986	B09	0.765	N	N
26	9	1986	B10	0.79	N	N
26	9	1986	B11	0.78	N	N
26	9	1986	B12	0.78	N	N
27	9	1986	B01	0.805	N	N
27	9	1986	B02	0.815	N	N
27	9	1986	B03	0.815	N	N
27	9	1986	B04	0.815	N	N
27	9	1986	B05	0.82	N	N
27	9	1986	B06	0.815	N	N
27	9	1986	B07	0.815	N	N
27	9	1986	B08	0.88	N	N
27	9	1986	B09	0.84	N	N
27	9	1986	B10	0.815	N	N
27	9	1986	B11	0.82	N	N
27	9	1986	B12	0.84	N	N
28	9	1986	B01	0.805	N	N
28	9	1986	B02	0.825	N	N
28	9	1986	B03	0.81	N	N
28	9	1986	B04	0.825	N	N
28	9	1986	B05	0.82	N	N
28	9	1986	B06	0.795	N	N
28	9	1986	B07	0.815	N	N
28	9	1986	B08	0.86	N	N
28	9	1986	B09	0.83	N	N
28	9	1986	B10	0.825	N	N
28	9	1986	B11	0.82	N	N
28	9	1986	B12	0.81	N	N
29	9	1986	B01	0.79	N	N
29	9	1986	B02	0.82	N	N
29	9	1986	B03	0.805	N	N
29	9	1986	B04	0.82	N	N
29	9	1986	B05	0.81	N	N
29	9	1986	B06	0.765	N	N
29	9	1986	B07	0.82	N	N
29	9	1986	B08	0.85	N	N
29	9	1986	B09	0.825	N	N
29	9	1986	B10	0.82	N	N
29	9	1986	B11	0.81	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
29	9	1986	B12	0.805	N	N
30	9	1986	B01	0.78	N	N
30	9	1986	B02	0.815	N	N
30	9	1986	B03	0.805	N	N
30	9	1986	B04	0.81	N	N
30	9	1986	B05	0.805	N	N
30	9	1986	B06	0.84	N	N
30	9	1986	B07	0.82	N	N
30	9	1986	B08	0.845	N	N
30	9	1986	B09	0.815	N	N
30	9	1986	B10	0.815	N	N
30	9	1986	B11	0.805	N	N
30	9	1986	B12	0.79	N	N
1	10	1986	B01	0.77	N	N
1	10	1986	B02	0.805	N	N
1	10	1986	B03	0.79	N	N
1	10	1986	B04	0.805	N	N
1	10	1986	B05	0.8	N	N
1	10	1986	B06	0.715	Y	N
1	10	1986	B07	0.81	N	N
1	10	1986	B08	0.84	N	N
1	10	1986	B09	0.81	N	N
1	10	1986	B10	0.81	N	N
1	10	1986	B11	0.795	N	N
1	10	1986	B12	0.77	Y	N
2	10	1986	B01		N	N
2	10	1986	B02		N	N
2	10	1986	B03		N	N
2	10	1986	B04		N	N
2	10	1986	B05		N	N
2	10	1986	B06		N	N
2	10	1986	B07		N	N
2	10	1986	B08		N	N
2	10	1986	B09		N	N
2	10	1986	B10		N	N
2	10	1986	B11		N	N
2	10	1986	B12		N	N
3	10	1986	B01	0.765	N	N
3	10	1986	B02	0.8	N	N
3	10	1986	B03	0.785	N	N
3	10	1986	B04	0.8	N	N
3	10	1986	B05	0.79	N	N
3	10	1986	B06	0.775	Y	N
3	10	1986	B07	0.8	N	N
3	10	1986	B08	0.835	N	N
3	10	1986	B09	0.805	N	N
3	10	1986	B10	0.805	N	N
3	10	1986	B11	0.79	N	N
3	10	1986	B12	0.79	N	N
4	10	1986	B01	0.765	N	N
4	10	1986	B02	0.805	N	N
4	10	1986	B03	0.79	N	N
4	10	1986	B04	0.805	N	N
4	10	1986	B05	0.795	N	N
4	10	1986	B06	0.765	N	N
4	10	1986	B07	0.805	N	N
4	10	1986	B08	0.84	N	N
4	10	1986	B09	0.805	N	N
4	10	1986	B10	0.815	N	N
4	10	1986	B11	0.805	N	N
4	10	1986	B12	0.785	N	N
5	10	1986	B01	0.76	N	N
5	10	1986	B02	0.8	N	N
5	10	1986	B03	0.79	N	N
5	10	1986	B04	0.805	N	N
5	10	1986	B05	0.795	N	N
5	10	1986	B06	0.77	Y	N
5	10	1986	B07	0.805	N	N
5	10	1986	B08	0.84	N	N
5	10	1986	B09	0.785	N	N
5	10	1986	B10	0.815	N	N
5	10	1986	B11	0.795	N	N
5	10	1986	B12	0.77	N	N
6	10	1986	B01	0.74	N	N
6	10	1986	B02	0.785	N	N
6	10	1986	B03	0.775	N	N
6	10	1986	B04	0.795	N	N
6	10	1986	B05	0.78	N	N
6	10	1986	B06	0.78	N	N
6	10	1986	B07	0.79	N	N
6	10	1986	B08	0.82	N	N
6	10	1986	B09	0.79	N	N
6	10	1986	B10	0.8	N	N
6	10	1986	B11	0.78	N	N
6	10	1986	B12	0.74	Y	N
7	10	1986	B01	0.795	N	N
7	10	1986	B02	0.78	N	N
7	10	1986	B03	0.8	N	N
7	10	1986	B04	0.795	N	N
7	10	1986	B05	0.8	N	N
7	10	1986	B06	0.76	N	N
7	10	1986	B07	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
7	10	1986	B08	0.82	N	N
7	10	1986	B09	0.79	N	N
7	10	1986	B10	0.795	N	N
7	10	1986	B11	0.78	N	N
7	10	1986	B12	0.795	N	N
8	10	1986	B01	0.785	N	N
8	10	1986	B02	0.775	N	N
8	10	1986	B03	0.795	N	N
8	10	1986	B04	0.79	N	N
8	10	1986	B05	0.775	N	N
8	10	1986	B06	0.735	N	N
8	10	1986	B07	0.78	N	N
8	10	1986	B08	0.82	N	N
8	10	1986	B09	0.785	N	N
8	10	1986	B10	0.795	N	N
8	10	1986	B11	0.795	N	N
8	10	1986	B12	0.78	N	N
9	10	1986	B01	0.785	N	N
9	10	1986	B02	0.775	N	N
9	10	1986	B03	0.79	N	N
9	10	1986	B04	0.79	N	N
9	10	1986	B05	0.775	N	N
9	10	1986	B06	0.78	N	N
9	10	1986	B07	0.78	N	N
9	10	1986	B08	0.82	N	N
9	10	1986	B09	0.78	N	N
9	10	1986	B10	0.795	N	N
9	10	1986	B11	0.795	N	N
9	10	1986	B12	0.77	N	N
10	10	1986	B01	0.775	N	N
10	10	1986	B02	0.765	Y	N
10	10	1986	B03	0.785	N	N
10	10	1986	B04	0.785	N	N
10	10	1986	B05	0.77	N	N
10	10	1986	B06	0.76	Y	N
10	10	1986	B07	0.77	N	N
10	10	1986	B08	0.81	N	N
10	10	1986	B09	0.78	N	N
10	10	1986	B10	0.785	N	N
10	10	1986	B11	0.79	N	N
10	10	1986	B12	0.75	Y	N
11	10	1986	B01	0.77	N	N
11	10	1986	B02	0.8	N	N
11	10	1986	B03	0.785	N	N
11	10	1986	B04	0.785	N	N
11	10	1986	B05	0.765	N	N
11	10	1986	B06	0.785	N	N
11	10	1986	B07	0.77	N	N
11	10	1986	B08	0.815	N	N
11	10	1986	B09	0.78	N	N
11	10	1986	B10	0.79	N	N
11	10	1986	B11	0.79	N	N
11	10	1986	B12	0.855	N	N
12	10	1986	B01	0.765	N	N
12	10	1986	B02	0.79	N	N
12	10	1986	B03	0.785	N	N
12	10	1986	B04	0.78	N	N
12	10	1986	B05	0.765	N	N
12	10	1986	B06	0.765	N	N
12	10	1986	B07	0.765	N	N
12	10	1986	B08	0.81	N	N
12	10	1986	B09	0.77	N	N
12	10	1986	B10	0.785	N	N
12	10	1986	B11	0.785	N	N
12	10	1986	B12	0.835	N	N
13	10	1986	B01	0.76	Y	N
13	10	1986	B02	0.785	N	N
13	10	1986	B03	0.785	N	N
13	10	1986	B04	0.775	N	N
13	10	1986	B05	0.76	Y	N
13	10	1986	B06	0.74	Y	N
13	10	1986	B07	0.76	Y	N
13	10	1986	B08	0.805	N	N
13	10	1986	B09	0.765	Y	N
13	10	1986	B10	0.785	N	N
13	10	1986	B11	0.785	N	N
13	10	1986	B12	0.82	N	N
14	10	1986	B01	0.79	N	N
14	10	1986	B02	0.78	N	N
14	10	1986	B03	0.77	N	N
14	10	1986	B04	0.77	N	N
14	10	1986	B05	0.79	N	N
14	10	1986	B06	0.775	N	N
14	10	1986	B07	0.8	N	N
14	10	1986	B08	0.8	N	N
14	10	1986	B09	0.8	N	N
14	10	1986	B10	0.78	N	N
14	10	1986	B11	0.78	N	N
14	10	1986	B12	0.8	N	N
15	10	1986	B01	0.78	N	N
15	10	1986	B02	0.77	N	N
15	10	1986	B03	0.76	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
15	10	1986	B04	0.76	N	N
15	10	1986	B05	0.78	N	N
15	10	1986	B06	0.75	N	N
15	10	1986	B07	0.79	N	N
15	10	1986	B08	0.79	N	N
15	10	1986	B09	0.79	N	N
15	10	1986	B10	0.77	N	N
15	10	1986	B11	0.775	N	N
15	10	1986	B12	0.785	N	N
16	10	1986	B01	0.785	N	N
16	10	1986	B02	0.78	N	N
16	10	1986	B03	0.78	N	N
16	10	1986	B04	0.775	N	N
16	10	1986	B05	0.79	N	N
16	10	1986	B06	0.75	N	N
16	10	1986	B07	0.8	N	N
16	10	1986	B08	0.805	N	N
16	10	1986	B09	0.8	N	N
16	10	1986	B10	0.78	N	N
16	10	1986	B11	0.785	N	N
16	10	1986	B12	0.785	N	N
17	10	1986	B01		N	N
17	10	1986	B02		N	N
17	10	1986	B03		N	N
17	10	1986	B04		N	N
17	10	1986	B05		N	N
17	10	1986	B06		N	N
17	10	1986	B07		N	N
17	10	1986	B08		N	N
17	10	1986	B09		N	N
17	10	1986	B10		N	N
17	10	1986	B11		N	N
17	10	1986	B12		N	N
18	10	1986	B01	0.765	N	N
18	10	1986	B02	0.765	N	N
18	10	1986	B03	0.76	N	N
18	10	1986	B04	0.76	N	N
18	10	1986	B05	0.78	N	N
18	10	1986	B06	0.7	Y	N
18	10	1986	B07	0.78	N	N
18	10	1986	B08	0.79	N	N
18	10	1986	B09	0.78	N	N
18	10	1986	B10	0.765	N	N
18	10	1986	B11	0.78	N	N
18	10	1986	B12	0.75	Y	N
19	10	1986	B01	0.76	N	N
19	10	1986	B02	0.76	N	N
19	10	1986	B03	0.77	N	N
19	10	1986	B04	0.75	N	N
19	10	1986	B05	0.77	N	N
19	10	1986	B06	0.785	N	N
19	10	1986	B07	0.77	N	N
19	10	1986	B08	0.78	N	N
19	10	1986	B09	0.775	N	N
19	10	1986	B10	0.76	N	N
19	10	1986	B11	0.765	N	N
19	10	1986	B12	0.79	N	N
20	10	1986	B01	0.755	N	N
20	10	1986	B02	0.75	Y	N
20	10	1986	B03	0.745	N	N
20	10	1986	B04	0.75	N	N
20	10	1986	B05	0.765	N	N
20	10	1986	B06	0.765	N	N
20	10	1986	B07	0.765	N	N
20	10	1986	B08	0.78	N	N
20	10	1986	B09	0.77	N	N
20	10	1986	B10	0.76	N	N
20	10	1986	B11	0.76	N	N
20	10	1986	B12	0.775	N	N
21	10	1986	B01	0.795	N	N
21	10	1986	B02	0.815	N	N
21	10	1986	B03	0.8	N	N
21	10	1986	B04	0.79	N	N
21	10	1986	B05	0.805	N	N
21	10	1986	B06	0.785	N	N
21	10	1986	B07	0.82	N	N
21	10	1986	B08	0.8	N	N
21	10	1986	B09	0.81	N	N
21	10	1986	B10	0.795	N	N
21	10	1986	B11	0.8	N	N
21	10	1986	B12	0.765	N	N
22	10	1986	B01	0.785	N	N
22	10	1986	B02	0.805	N	N
22	10	1986	B03	0.79	N	N
22	10	1986	B04	0.79	N	N
22	10	1986	B05	0.805	N	N
22	10	1986	B06	0.76	Y	N
22	10	1986	B07	0.81	N	N
22	10	1986	B08	0.795	N	N
22	10	1986	B09	0.805	N	N
22	10	1986	B10	0.79	N	N
22	10	1986	B11	0.79	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
22	10	1986	B12	0.75	Y	N
23	10	1986	B01	0.78	N	N
23	10	1986	B02	0.8	N	N
23	10	1986	B03	0.785	N	N
23	10	1986	B04	0.785	N	N
23	10	1986	B05	0.795	N	N
23	10	1986	B06	0.76	N	N
23	10	1986	B07	0.805	N	N
23	10	1986	B08	0.79	N	N
23	10	1986	B09	0.8	N	N
23	10	1986	B10	0.785	N	N
23	10	1986	B11	0.79	N	N
23	10	1986	B12	0.785	N	N
24	10	1986	B01	0.765	N	N
24	10	1986	B02	0.79	N	N
24	10	1986	B03	0.78	N	N
24	10	1986	B04	0.78	N	N
24	10	1986	B05	0.79	N	N
24	10	1986	B06	0.755	Y	N
24	10	1986	B07	0.8	N	N
24	10	1986	B08	0.78	N	N
24	10	1986	B09	0.79	N	N
24	10	1986	B10	0.78	N	N
24	10	1986	B11	0.785	N	N
24	10	1986	B12	0.765	Y	N
25	10	1986	B01	0.765	N	N
25	10	1986	B02	0.785	N	N
25	10	1986	B03	0.78	N	N
25	10	1986	B04	0.78	N	N
25	10	1986	B05	0.785	N	N
25	10	1986	B06	0.79	N	N
25	10	1986	B07	0.79	N	N
25	10	1986	B08	0.78	N	N
25	10	1986	B09	0.785	N	N
25	10	1986	B10	0.78	N	N
25	10	1986	B11	0.785	N	N
25	10	1986	B12	0.8	N	N
26	10	1986	B01	0.755	N	N
26	10	1986	B02	0.78	N	N
26	10	1986	B03	0.775	N	N
26	10	1986	B04	0.775	N	N
26	10	1986	B05	0.78	N	N
26	10	1986	B06	0.77	N	N
26	10	1986	B07	0.785	N	N
26	10	1986	B08	0.775	N	N
26	10	1986	B09	0.78	N	N
26	10	1986	B10	0.775	N	N
26	10	1986	B11	0.78	N	N
26	10	1986	B12	0.78	N	N
27	10	1986	B01	0.805	N	N
27	10	1986	B02	0.78	N	N
27	10	1986	B03	0.765	N	N
27	10	1986	B04	0.765	N	N
27	10	1986	B05	0.775	N	N
27	10	1986	B06	0.745	Y	N
27	10	1986	B07	0.78	N	N
27	10	1986	B08	0.765	N	N
27	10	1986	B09	0.775	N	N
27	10	1986	B10	0.77	N	N
27	10	1986	B11	0.77	N	N
27	10	1986	B12	0.76	Y	N
28	10	1986	B01	0.795	N	N
28	10	1986	B02	0.77	N	N
28	10	1986	B03	0.79	N	N
28	10	1986	B04	0.76	N	N
28	10	1986	B05	0.77	N	N
28	10	1986	B06	0.81	N	N
28	10	1986	B07	0.77	N	N
28	10	1986	B08	0.765	N	N
28	10	1986	B09	0.77	N	N
28	10	1986	B10	0.765	N	N
28	10	1986	B11	0.795	N	N
28	10	1986	B12	0.78	N	N
29	10	1986	B01	0.785	N	N
29	10	1986	B02	0.765	Y	N
29	10	1986	B03	0.785	N	N
29	10	1986	B04	0.755	Y	N
29	10	1986	B05	0.765	Y	N
29	10	1986	B06	0.79	N	N
29	10	1986	B07	0.76	Y	N
29	10	1986	B08	0.76	Y	N
29	10	1986	B09	0.76	Y	N
29	10	1986	B10	0.76	Y	N
29	10	1986	B11	0.79	N	N
29	10	1986	B12	0.765	Y	N
30	10	1986	B01	0.775	N	N
30	10	1986	B02	0.79	N	N
30	10	1986	B03	0.78	N	N
30	10	1986	B04	0.825	N	N
30	10	1986	B05	0.805	N	N
30	10	1986	B06	0.765	N	N
30	10	1986	B07	0.785	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
30	10	1986	B08	0.79	N	N
30	10	1986	B09	0.805	N	N
30	10	1986	B10	0.805	N	N
30	10	1986	B11	0.785	N	N
30	10	1986	B12	0.81	N	N
31	10	1986	B01	0.765	N	N
31	10	1986	B02	0.785	N	N
31	10	1986	B03	0.77	N	N
31	10	1986	B04	0.82	N	N
31	10	1986	B05	0.795	N	N
31	10	1986	B06	0.75	Y	N
31	10	1986	B07	0.78	N	N
31	10	1986	B08	0.785	N	N
31	10	1986	B09	0.8	N	N
31	10	1986	B10	0.8	N	N
31	10	1986	B11	0.775	N	N
31	10	1986	B12	0.79	N	N
1	11	1986	B01	0.76	N	N
1	11	1986	B02	0.78	N	N
1	11	1986	B03	0.765	N	N
1	11	1986	B04	0.81	N	N
1	11	1986	B05	0.79	N	N
1	11	1986	B06	0.795	N	N
1	11	1986	B07	0.775	N	N
1	11	1986	B08	0.78	N	N
1	11	1986	B09	0.79	N	N
1	11	1986	B10	0.795	N	N
1	11	1986	B11	0.77	N	N
1	11	1986	B12	0.78	N	N
2	11	1986	B01	0.76	N	N
2	11	1986	B02	0.785	N	N
2	11	1986	B03	0.77	N	N
2	11	1986	B04	0.815	N	N
2	11	1986	B05	0.79	N	N
2	11	1986	B06	0.79	N	N
2	11	1986	B07	0.78	N	N
2	11	1986	B08	0.785	N	N
2	11	1986	B09	0.8	N	N
2	11	1986	B10	0.8	N	N
2	11	1986	B11	0.775	N	N
2	11	1986	B12	0.78	N	N
3	11	1986	B01	0.755	N	N
3	11	1986	B02	0.78	N	N
3	11	1986	B03	0.775	N	N
3	11	1986	B04	0.815	N	N
3	11	1986	B05	0.79	N	N
3	11	1986	B06	0.77	N	N
3	11	1986	B07	0.775	N	N
3	11	1986	B08	0.785	N	N
3	11	1986	B09	0.795	N	N
3	11	1986	B10	0.8	N	N
3	11	1986	B11	0.775	N	N
3	11	1986	B12	0.77	N	N
4	11	1986	B01	0.75	N	N
4	11	1986	B02	0.78	N	N
4	11	1986	B03	0.765	N	N
4	11	1986	B04	0.81	N	N
4	11	1986	B05	0.785	N	N
4	11	1986	B06	0.76	N	N
4	11	1986	B07	0.77	N	N
4	11	1986	B08	0.785	N	N
4	11	1986	B09	0.79	N	N
4	11	1986	B10	0.8	N	N
4	11	1986	B11	0.77	N	N
4	11	1986	B12	0.755	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
6	2	1987	B01	84.5	N	N
6	2	1987	B02	73.	N	N
6	2	1987	B03	78.	N	N
6	2	1987	B04	75.	N	N
6	2	1987	B05	76.5	N	N
6	2	1987	B06	74.	N	N
6	2	1987	B07	76.	N	N
6	2	1987	B08	81.5	N	N
6	2	1987	B09	77.	N	N
6	2	1987	B10	76.	N	N
6	2	1987	B11	77.	N	N
6	2	1987	B12	79.	N	N
7	2	1987	B01	81.5	N	N
7	2	1987	B02	8.	N	N
7	2	1987	B03	79.	N	N
7	2	1987	B04	76.	N	N
7	2	1987	B05	75.	Y	N
7	2	1987	B06	73.	Y	N
7	2	1987	B07	77.	Y	N
7	2	1987	B08	81.	N	N
7	2	1987	B09	76.5	N	N
7	2	1987	B10	79.	N	N
7	2	1987	B11	79.	N	N
7	2	1987	B12	75.	Y	N
8	2	1987	B01	79.	N	N
8	2	1987	B02	79.	N	N
8	2	1987	B03	78.	N	N
8	2	1987	B04	75.5	N	N
8	2	1987	B05	81.	N	N
8	2	1987	B06	69.	Y	N
8	2	1987	B07	77.5	N	N
8	2	1987	B08	80.5	N	N
8	2	1987	B09	75.5	N	N
8	2	1987	B10	78.	N	N
8	2	1987	B11	78.5	N	N
8	2	1987	B12	74.5	Y	N
9	2	1987	B01	77.	Y	N
9	2	1987	B02	77.5	N	N
9	2	1987	B03	77.	Y	N
9	2	1987	B04	74.5	N	N
9	2	1987	B05	80.	N	N
9	2	1987	B06	75.	Y	N
9	2	1987	B07	76.5	N	N
9	2	1987	B08	79.	N	N
9	2	1987	B09	75.	Y	N
9	2	1987	B10	77.	N	N
9	2	1987	B11	77.5	Y	N
9	2	1987	B12	77.	Y	N
10	2	1987	B01	78.5	N	N
10	2	1987	B02	77.	N	N
10	2	1987	B03	79.	N	N
10	2	1987	B04	79.5	N	N
10	2	1987	B05	78.5	N	N
10	2	1987	B06	73.5	Y	N
10	2	1987	B07	76.	Y	N
10	2	1987	B08	79.	N	N
10	2	1987	B09	83.5	N	N
10	2	1987	B10	76.5	Y	N
10	2	1987	B11	79.	N	N
10	2	1987	B12	75.5	Y	N
11	2	1987	B01	76.	N	N
11	2	1987	B02	76.	N	N
11	2	1987	B03	78.	N	N
11	2	1987	B04	79.	N	N
11	2	1987	B05	77.5	N	N
11	2	1987	B06	74.	Y	N
11	2	1987	B07	79.	N	N
11	2	1987	B08	78.	N	N
11	2	1987	B09	82.5	N	N
11	2	1987	B10	79.	N	N
11	2	1987	B11	78.5	N	N
11	2	1987	B12	77.	N	N
12	2	1987	B01	74.	N	N
12	2	1987	B02	74.5	Y	N
12	2	1987	B03	77.	N	N
12	2	1987	B04	78.	N	N
12	2	1987	B05	76.5	N	N
12	2	1987	B06	73.5	Y	N
12	2	1987	B07	78.	N	N
12	2	1987	B08	77.	N	N
12	2	1987	B09	81.5	N	N
12	2	1987	B10	78.	N	N
12	2	1987	B11	78.	N	N
12	2	1987	B12	73.	Y	N
13	2	1987	B01	73.	N	N
13	2	1987	B02	79.	N	N
13	2	1987	B03	76.	N	N
13	2	1987	B04	77.	Y	N
13	2	1987	B05	82.	N	N
13	2	1987	B06	73.	Y	N
13	2	1987	B07	77.5	Y	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
13	2	1987	B08	76.5	Y	N
13	2	1987	B09	80.5	N	N
13	2	1987	B10	77.	Y	N
13	2	1987	B11	77.	N	N
13	2	1987	B12	76.5	Y	N
14	2	1987	B01	71.	N	N
14	2	1987	B02	78.	N	N
14	2	1987	B03	75.5	N	N
14	2	1987	B04	81.5	N	N
14	2	1987	B05	81.	N	N
14	2	1987	B06	73.	Y	N
14	2	1987	B07	81.5	N	N
14	2	1987	B08	81.5	N	N
14	2	1987	B09	80.	N	N
14	2	1987	B10	81.5	N	N
14	2	1987	B11	76.5	N	N
14	2	1987	B12	79.	N	N
15	2	1987	B01	70.	N	N
15	2	1987	B02	77.	N	N
15	2	1987	B03	75.	N	N
15	2	1987	B04	81.	N	N
15	2	1987	B05	80.	N	N
15	2	1987	B06	74.	Y	N
15	2	1987	B07	80.5	N	N
15	2	1987	B08	82.	N	N
15	2	1987	B09	79.	N	N
15	2	1987	B10	83.	N	N
15	2	1987	B11	76.	N	N
15	2	1987	B12	76.	N	N
16	2	1987	B01	68.5	Y	N
16	2	1987	B02	76.	N	N
16	2	1987	B03	73.5	Y	N
16	2	1987	B04	80.	N	N
16	2	1987	B05	79.	N	N
16	2	1987	B06	76.	N	N
16	2	1987	B07	80.	N	N
16	2	1987	B08	81.5	N	N
16	2	1987	B09	78.	N	N
16	2	1987	B10	81.5	N	N
16	2	1987	B11	75.	Y	N
16	2	1987	B12	71.5	N	N
17	2	1987	B01	79.	N	N
17	2	1987	B02	75.	N	N
17	2	1987	B03	79.5	N	N
17	2	1987	B04	80.	N	N
17	2	1987	B05	78.	N	N
17	2	1987	B06	69.5	Y	N
17	2	1987	B07	79.	N	N
17	2	1987	B08	81.	N	N
17	2	1987	B09	77.	N	N
17	2	1987	B10	81.	N	N
17	2	1987	B11	79.5	N	N
17	2	1987	B12	68.5	Y	N
18	2	1987	B01	77.	N	N
18	2	1987	B02	74.	Y	N
18	2	1987	B03	78.5	N	N
18	2	1987	B04	78.5	N	N
18	2	1987	B05	77.	N	N
18	2	1987	B06	73.5	Y	N
18	2	1987	B07	78.	N	N
18	2	1987	B08	80.	N	N
18	2	1987	B09	76.	N	N
18	2	1987	B10	80.	N	N
18	2	1987	B11	79.	N	N
18	2	1987	B12	76.	Y	N
19	2	1987	B01	75.5	N	N
19	2	1987	B02	82.	N	N
19	2	1987	B03	78.	N	N
19	2	1987	B04	78.	N	N
19	2	1987	B05	76.	N	N
19	2	1987	B06	76.	N	N
19	2	1987	B07	77.5	N	N
19	2	1987	B08	79.	N	N
19	2	1987	B09	75.	N	N
19	2	1987	B10	79.	N	N
19	2	1987	B11	78.	N	N
19	2	1987	B12	76.	N	N
20	2	1987	B01	74.	N	N
20	2	1987	B02	82.	N	N
20	2	1987	B03	76.5	N	N
20	2	1987	B04	77.	N	N
20	2	1987	B05	75.	Y	N
20	2	1987	B06	69.	Y	N
20	2	1987	B07	77.	N	N
20	2	1987	B08	78.	N	N
20	2	1987	B09	74.	Y	N
20	2	1987	B10	78.5	N	N
20	2	1987	B11	77.5	N	N
20	2	1987	B12	72.	Y	N
21	2	1987	B01	72.	N	N
21	2	1987	B02	80.5	N	N
21	2	1987	B03	76.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
21	2	1987	B04	76.	N	N
21	2	1987	B05	81.	N	N
21	2	1987	B06	75.	Y	N
21	2	1987	B07	76.	N	N
21	2	1987	B08	77.5	N	N
21	2	1987	B09	81.	N	N
21	2	1987	B10	77.5	N	N
21	2	1987	B11	77.	N	N
21	2	1987	B12	78.	N	N
22	2	1987	B01	71.	N	N
22	2	1987	B02	79.	N	N
22	2	1987	B03	75.	N	N
22	2	1987	B04	75.5	N	N
22	2	1987	B05	80.5	N	N
22	2	1987	B06	74.5	Y	N
22	2	1987	B07	75.	N	N
22	2	1987	B08	77.	N	N
22	2	1987	B09	80.	N	N
22	2	1987	B10	77.	N	N
22	2	1987	B11	76.	N	N
22	2	1987	B12	74.	Y	N
23	2	1987	B01	70.	Y	N
23	2	1987	B02	78.	N	N
23	2	1987	B03	74.	Y	N
23	2	1987	B04	74.5	Y	N
23	2	1987	B05	79.	N	N
23	2	1987	B06	74.	Y	N
23	2	1987	B07	74.	Y	N
23	2	1987	B08	76.	Y	N
23	2	1987	B09	79.	N	N
23	2	1987	B10	76.	Y	N
23	2	1987	B11	75.5	Y	N
23	2	1987	B12	78.	Y	N
24	2	1987	B01	78.5	N	N
24	2	1987	B02	77.	N	N
24	2	1987	B03	79.	N	N
24	2	1987	B04	79.5	N	N
24	2	1987	B05	78.	N	N
24	2	1987	B06	72.	Y	N
24	2	1987	B07	79.	N	N
24	2	1987	B08	81.	N	N
24	2	1987	B09	78.	N	N
24	2	1987	B10	79.	N	N
24	2	1987	B11	79.	N	N
24	2	1987	B12	75.	Y	N
25	2	1987	B01	77.	N	N
25	2	1987	B02	76.	N	N
25	2	1987	B03	78.	N	N
25	2	1987	B04	78.5	N	N
25	2	1987	B05	77.	N	N
25	2	1987	B06	74.	Y	N
25	2	1987	B07	78.5	N	N
25	2	1987	B08	80.5	N	N
25	2	1987	B09	76.5	N	N
25	2	1987	B10	78.5	N	N
25	2	1987	B11	78.5	N	N
25	2	1987	B12	76.	Y	N
26	2	1987	B01	75.	N	N
26	2	1987	B02	75.	Y	N
26	2	1987	B03	77.	N	N
26	2	1987	B04	78.	Y	N
26	2	1987	B05	76.	Y	N
26	2	1987	B06	73.	Y	N
26	2	1987	B07	77.	N	N
26	2	1987	B08	80.	N	N
26	2	1987	B09	76.	Y	N
26	2	1987	B10	77.	N	N
26	2	1987	B11	77.5	N	N
26	2	1987	B12	76.5	N	N
27	2	1987	B01	74.	N	N
27	2	1987	B02	80.	N	N
27	2	1987	B03	76.	N	N
27	2	1987	B04	80.5	N	N
27	2	1987	B05	79.	N	N
27	2	1987	B06	80.	N	N
27	2	1987	B07	76.5	N	N
27	2	1987	B08	79.	N	N
27	2	1987	B09	78.5	N	N
27	2	1987	B10	76.5	N	N
27	2	1987	B11	77.	N	N
27	2	1987	B12	75.	N	N
28	2	1987	B01	72.5	N	N
28	2	1987	B02	78.5	N	N
28	2	1987	B03	75.	N	N
28	2	1987	B04	80.	N	N
28	2	1987	B05	78.	N	N
28	2	1987	B06	74.	Y	N
28	2	1987	B07	76.	N	N
28	2	1987	B08	78.	N	N
28	2	1987	B09	77.5	N	N
28	2	1987	B10	79.	N	N
28	2	1987	B11	76.5	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
28	2	1987	B12	79.	N	N
1	3	1987	B01	71.	N	N
1	3	1987	B02	78.	N	N
1	3	1987	B03	74.5	N	N
1	3	1987	B04	79.	N	N
1	3	1987	B05	77.	N	N
1	3	1987	B06	74.5	Y	N
1	3	1987	B07	75.	N	N
1	3	1987	B08	77.5	N	N
1	3	1987	B09	76.5	N	N
1	3	1987	B10	78.5	N	N
1	3	1987	B11	76.	N	N
1	3	1987	B12	76.	Y	N
2	3	1987	B01	70.	Y	N
2	3	1987	B02	76.5	N	N
2	3	1987	B03	74.	Y	N
2	3	1987	B04	78.	N	N
2	3	1987	B05	76.	N	N
2	3	1987	B06	80.5	N	N
2	3	1987	B07	74.5	N	N
2	3	1987	B08	76.5	N	N
2	3	1987	B09	76.	N	N
2	3	1987	B10	78.	N	N
2	3	1987	B11	75.	Y	N
2	3	1987	B12	84.	N	N
3	3	1987	B01	78.5	N	N
3	3	1987	B02	76.	Y	N
3	3	1987	B03	79.	N	N
3	3	1987	B04	78.	Y	N
3	3	1987	B05	74.5	Y	N
3	3	1987	B06	75.	Y	N
3	3	1987	B07	75.	Y	N
3	3	1987	B08	76.	Y	N
3	3	1987	B09	75.	Y	N
3	3	1987	B10	76.5	Y	N
3	3	1987	B11	79.5	N	N
3	3	1987	B12	80.	N	N
4	3	1987	B01	77.5	N	N
4	3	1987	B02	79.5	N	N
4	3	1987	B03	78.	N	N
4	3	1987	B04	79.5	N	N
4	3	1987	B05	79.	N	N
4	3	1987	B06	74.5	Y	N
4	3	1987	B07	80.	N	N
4	3	1987	B08	79.5	N	N
4	3	1987	B09	79.	N	N
4	3	1987	B10	80.	N	N
4	3	1987	B11	79.	N	N
4	3	1987	B12	77.	Y	N
5	3	1987	B01	76.	N	N
5	3	1987	B02	78.	N	N
5	3	1987	B03	76.	N	N
5	3	1987	B04	78.	N	N
5	3	1987	B05	78.	N	N
5	3	1987	B06	74.5	Y	N
5	3	1987	B07	79.	N	N
5	3	1987	B08	78.	N	N
5	3	1987	B09	78.	N	N
5	3	1987	B10	79.	N	N
5	3	1987	B11	78.	N	N
5	3	1987	B12	78.	N	N
6	3	1987	B01	74.5	N	N
6	3	1987	B02	77.5	N	N
6	3	1987	B03	76.	N	N
6	3	1987	B04	78.	N	N
6	3	1987	B05	77.	N	N
6	3	1987	B06	74.	N	N
6	3	1987	B07	78.	N	N
6	3	1987	B08	77.5	N	N
6	3	1987	B09	77.	N	N
6	3	1987	B10	78.5	N	N
6	3	1987	B11	77.	N	N
6	3	1987	B12	75.	N	N
7	3	1987	B01	73.5	N	N
7	3	1987	B02	76.	N	N
7	3	1987	B03	75.5	N	N
7	3	1987	B04	77.	N	N
7	3	1987	B05	76.	N	N
7	3	1987	B06	75.5	N	N
7	3	1987	B07	77.	N	N
7	3	1987	B08	76.5	N	N
7	3	1987	B09	76.	N	N
7	3	1987	B10	77.5	N	N
7	3	1987	B11	76.5	N	N
7	3	1987	B12	76.5	Y	N
8	3	1987	B01	72.	N	N
8	3	1987	B02	75.5	N	N
8	3	1987	B03	75.	N	N
8	3	1987	B04	76.	N	N
8	3	1987	B05	75.5	N	N
8	3	1987	B06	70.	Y	N
8	3	1987	B07	76.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
8	3	1987	B08	76.	N	N
8	3	1987	B09	76.	N	N
8	3	1987	B10	77.	N	N
8	3	1987	B11	76.	N	N
8	3	1987	B12	77.	N	N
9	3	1987	B01	71.5	N	N
9	3	1987	B02	75.	Y	N
9	3	1987	B03	74.	N	N
9	3	1987	B04	76.	Y	N
9	3	1987	B05	74.	Y	N
9	3	1987	B06	75.	Y	N
9	3	1987	B07	76.	Y	N
9	3	1987	B08	76.	Y	N
9	3	1987	B09	74.	Y	N
9	3	1987	B10	76.	Y	N
9	3	1987	B11	76.	N	N
9	3	1987	B12	74.	Y	N
10	3	1987	B01	79.	N	N
10	3	1987	B02	80.	N	N
10	3	1987	B03	79.5	N	N
10	3	1987	B04	80.	N	N
10	3	1987	B05	80.	N	N
10	3	1987	B06	74.	Y	N
10	3	1987	B07	80.5	N	N
10	3	1987	B08	80.	N	N
10	3	1987	B09	79.5	N	N
10	3	1987	B10	79.5	N	N
10	3	1987	B11	79.5	N	N
10	3	1987	B12	77.	N	N
11	3	1987	B01	77.5	N	N
11	3	1987	B02	79.	N	N
11	3	1987	B03	78.	N	N
11	3	1987	B04	79.5	N	N
11	3	1987	B05	79.	N	N
11	3	1987	B06	73.	Y	N
11	3	1987	B07	80.	N	N
11	3	1987	B08	79.	N	N
11	3	1987	B09	78.	N	N
11	3	1987	B10	78.5	N	N
11	3	1987	B11	79.	N	N
11	3	1987	B12	75.5	Y	N
12	3	1987	B01	76.	N	N
12	3	1987	B02	78.	N	N
12	3	1987	B03	78.	N	N
12	3	1987	B04	79.	N	N
12	3	1987	B05	78.	N	N
12	3	1987	B06	76.5	Y	N
12	3	1987	B07	79.	N	N
12	3	1987	B08	78.5	N	N
12	3	1987	B09	77.5	N	N
12	3	1987	B10	78.	N	N
12	3	1987	B11	78.	N	N
12	3	1987	B12	76.	Y	N
13	3	1987	B01	75.	N	N
13	3	1987	B02	77.	Y	N
13	3	1987	B03	76.	N	N
13	3	1987	B04	78.	N	N
13	3	1987	B05	77.5	N	N
13	3	1987	B06	75.5	Y	N
13	3	1987	B07	78.	N	N
13	3	1987	B08	77.	Y	N
13	3	1987	B09	76.	Y	N
13	3	1987	B10	77.	Y	N
13	3	1987	B11	77.	N	N
13	3	1987	B12	77.5	Y	N
14	3	1987	B01	73.5	N	N
14	3	1987	B02	79.5	N	N
14	3	1987	B03	76.	N	N
14	3	1987	B04	76.5	N	N
14	3	1987	B05	76.	N	N
14	3	1987	B06	78.	N	N
14	3	1987	B07	77.	N	N
14	3	1987	B08	81.	N	N
14	3	1987	B09	79.	N	N
14	3	1987	B10	79.5	N	N
14	3	1987	B11	76.5	N	N
14	3	1987	B12	78.5	N	N
15	3	1987	B01	72.	N	N
15	3	1987	B02	78.5	N	N
15	3	1987	B03	75.	N	N
15	3	1987	B04	76.	N	N
15	3	1987	B05	75.	N	N
15	3	1987	B06	72.	N	N
15	3	1987	B07	76.5	N	N
15	3	1987	B08	80.5	N	N
15	3	1987	B09	78.	N	N
15	3	1987	B10	78.5	N	N
15	3	1987	B11	75.5	N	N
15	3	1987	B12	75.5	N	N
16	3	1987	B01	71.	N	N
16	3	1987	B02	77.5	N	N
16	3	1987	B03	74.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
16	3	1987	B04	75.5	Y	N
16	3	1987	B05	74.	Y	N
16	3	1987	B06	75.5	Y	N
16	3	1987	B07	75.5	Y	N
16	3	1987	B08	80.	N	N
16	3	1987	B09	77.5	N	N
16	3	1987	B10	77.5	N	N
16	3	1987	B11	75.	N	N
16	3	1987	B12	77.5	Y	N
17	3	1987	B01	79.	N	N
17	3	1987	B02	77.	N	N
17	3	1987	B03	79.5	N	N
17	3	1987	B04	79.	N	N
17	3	1987	B05	81.	N	N
17	3	1987	B06	78.	N	N
17	3	1987	B07	82.5	N	N
17	3	1987	B08	79.5	N	N
17	3	1987	B09	76.5	N	N
17	3	1987	B10	77.	N	N
17	3	1987	B11	79.5	N	N
17	3	1987	B12	80.	N	N
18	3	1987	B01	77.5	N	N
18	3	1987	B02	76.	Y	N
18	3	1987	B03	78.	N	N
18	3	1987	B04	78.	N	N
18	3	1987	B05	80.	N	N
18	3	1987	B06	72.	Y	N
18	3	1987	B07	81.5	N	N
18	3	1987	B08	78.	N	N
18	3	1987	B09	75.5	Y	N
18	3	1987	B10	76.5	Y	N
18	3	1987	B11	79.	N	N
18	3	1987	B12	77.	Y	N
19	3	1987	B01	76.	N	N
19	3	1987	B02	79.	N	N
19	3	1987	B03	77.5	N	N
19	3	1987	B04	77.5	N	N
19	3	1987	B05	79.	N	N
19	3	1987	B06	75.	Y	N
19	3	1987	B07	81.	N	N
19	3	1987	B08	77.5	N	N
19	3	1987	B09	80.	N	N
19	3	1987	B10	80.	N	N
19	3	1987	B11	78.	N	N
19	3	1987	B12	78.	Y	N
20	3	1987	B01	75.	N	N
20	3	1987	B02	78.	N	N
20	3	1987	B03	76.5	N	N
20	3	1987	B04	76.5	Y	N
20	3	1987	B05	78.	N	N
20	3	1987	B06	74.	Y	N
20	3	1987	B07	80.	N	N
20	3	1987	B08	77.	Y	N
20	3	1987	B09	79.5	N	N
20	3	1987	B10	79.5	N	N
20	3	1987	B11	77.5	N	N
20	3	1987	B12	77.5	Y	N
21	3	1987	B01	74.	N	N
21	3	1987	B02	77.5	N	N
21	3	1987	B03	76.	N	N
21	3	1987	B04	79.5	N	N
21	3	1987	B05	77.5	N	N
21	3	1987	B06	80.	N	N
21	3	1987	B07	79.5	N	N
21	3	1987	B08	81.5	N	N
21	3	1987	B09	78.	N	N
21	3	1987	B10	79.	N	N
21	3	1987	B11	77.	N	N
21	3	1987	B12	77.5	N	N
22	3	1987	B01	72.5	N	N
22	3	1987	B02	76.	N	N
22	3	1987	B03	75.	N	N
22	3	1987	B04	78.	N	N
22	3	1987	B05	74.	N	N
22	3	1987	B06	74.5	N	N
22	3	1987	B07	78.5	N	N
22	3	1987	B08	80.5	N	N
22	3	1987	B09	77.	N	N
22	3	1987	B10	78.	N	N
22	3	1987	B11	76.	N	N
22	3	1987	B12	75.	N	N
23	3	1987	B01	71.	N	N
23	3	1987	B02	75.	N	N
23	3	1987	B03	73.5	N	N
23	3	1987	B04	77.5	N	N
23	3	1987	B05	74.5	Y	N
23	3	1987	B06	74.	Y	N
23	3	1987	B07	77.	N	N
23	3	1987	B08	79.5	N	N
23	3	1987	B09	76.	N	N
23	3	1987	B10	77.	N	N
23	3	1987	B11	74.5	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
23	3	1987	B12	77.5	N	N
24	3	1987	B01	78.	N	N
24	3	1987	B02	74.	Y	N
24	3	1987	B03	79.	N	N
24	3	1987	B04	76.	Y	N
24	3	1987	B05	79.5	Y	N
24	3	1987	B06	73.	Y	N
24	3	1987	B07	76.	Y	N
24	3	1987	B08	78.	N	N
24	3	1987	B09	75.	Y	N
24	3	1987	B10	76.	Y	N
24	3	1987	B11	79.5	N	N
24	3	1987	B12	74.	Y	N
25	3	1987	B01	77.5	N	N
25	3	1987	B02	78.5	N	N
25	3	1987	B03	78.	N	N
25	3	1987	B04	79.	N	N
25	3	1987	B05	78.5	N	N
25	3	1987	B06	76.	Y	N
25	3	1987	B07	81.5	N	N
25	3	1987	B08	77.5	N	N
25	3	1987	B09	80.5	N	N
25	3	1987	B10	81.	N	N
25	3	1987	B11	78.	N	N
25	3	1987	B12	77.5	Y	N
26	3	1987	B01	76.	N	N
26	3	1987	B02	77.5	N	N
26	3	1987	B03	77.5	N	N
26	3	1987	B04	78.	N	N
26	3	1987	B05	77.5	N	N
26	3	1987	B06	74.5	Y	N
26	3	1987	B07	80.	N	N
26	3	1987	B08	76.	Y	N
26	3	1987	B09	79.5	N	N
26	3	1987	B10	80.	N	N
26	3	1987	B11	77.	N	N
26	3	1987	B12	79.	N	N
27	3	1987	B01	74.5	N	N
27	3	1987	B02	76.5	Y	N
27	3	1987	B03	76.	N	N
27	3	1987	B04	76.	Y	N
27	3	1987	B05	76.	Y	N
27	3	1987	B06	77.	Y	N
27	3	1987	B07	79.	N	N
27	3	1987	B08	79.	N	N
27	3	1987	B09	78.	N	N
27	3	1987	B10	79.	N	N
27	3	1987	B11	76.	N	N
27	3	1987	B12	76.	N	N
28	3	1987	B01	73.5	N	N
28	3	1987	B02	80.5	N	N
28	3	1987	B03	75.5	N	N
28	3	1987	B04	81.	N	N
28	3	1987	B05	80.	N	N
28	3	1987	B06	75.	Y	N
28	3	1987	B07	78.	N	N
28	3	1987	B08	78.	N	N
28	3	1987	B09	77.	N	N
28	3	1987	B10	77.5	N	N
28	3	1987	B11	75.5	N	N
28	3	1987	B12	77.5	Y	N
29	3	1987	B01	72.	N	N
29	3	1987	B02	80.	N	N
29	3	1987	B03	75.	N	N
29	3	1987	B04	80.	N	N
29	3	1987	B05	79.	N	N
29	3	1987	B06	77.5	N	N
29	3	1987	B07	77.5	N	N
29	3	1987	B08	78.	N	N
29	3	1987	B09	76.5	N	N
29	3	1987	B10	77.	N	N
29	3	1987	B11	75.	N	N
29	3	1987	B12	81.	N	N
30	3	1987	B01	71.	N	N
30	3	1987	B02	79.	N	N
30	3	1987	B03	73.5	N	N
30	3	1987	B04	79.5	N	N
30	3	1987	B05	78.	N	N
30	3	1987	B06	72.	Y	N
30	3	1987	B07	77.	N	N
30	3	1987	B08	77.	N	N
30	3	1987	B09	75.5	N	N
30	3	1987	B10	76.5	N	N
30	3	1987	B11	74.5	N	N
30	3	1987	B12	78.	Y	N
31	3	1987	B01	79.	N	N
31	3	1987	B02	78.	Y	N
31	3	1987	B03	79.5	N	N
31	3	1987	B04	79.	Y	N
31	3	1987	B05	77.	Y	N
31	3	1987	B06	76.5	Y	N
31	3	1987	B07	76.	Y	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
31	3	1987	B08	76.	Y	N
31	3	1987	B09	74.5	Y	N
31	3	1987	B10	75.5	Y	N
31	3	1987	B11	79.5	N	N
31	3	1987	B12	79.5	N	N
1	4	1987	B01	77.	N	N
1	4	1987	B02	79.	N	N
1	4	1987	B03	78.	N	N
1	4	1987	B04	79.	N	N
1	4	1987	B05	79.	N	N
1	4	1987	B06	75.	Y	N
1	4	1987	B07	79.	N	N
1	4	1987	B08	79.	N	N
1	4	1987	B09	78.	N	N
1	4	1987	B10	79.	N	N
1	4	1987	B11	78.	N	N
1	4	1987	B12	77.	Y	N
2	4	1987	B01	76.	N	N
2	4	1987	B02	78.	N	N
2	4	1987	B03	77.5	N	N
2	4	1987	B04	78.	N	N
2	4	1987	B05	78.	N	N
2	4	1987	B06	79.	N	N
2	4	1987	B07	78.	N	N
2	4	1987	B08	78.	N	N
2	4	1987	B09	77.5	N	N
2	4	1987	B10	78.	N	N
2	4	1987	B11	77.5	N	N
2	4	1987	B12	81.5	N	N
3	4	1987	B01	75.	N	N
3	4	1987	B02	77.	Y	N
3	4	1987	B03	76.5	N	N
3	4	1987	B04	77.5	Y	N
3	4	1987	B05	77.5	Y	N
3	4	1987	B06	74.	Y	N
3	4	1987	B07	77.5	Y	N
3	4	1987	B08	77.5	Y	N
3	4	1987	B09	76.5	Y	N
3	4	1987	B10	77.5	Y	N
3	4	1987	B11	77.5	N	N
3	4	1987	B12	79.5	N	N
4	4	1987	B01	73.5	N	N
4	4	1987	B02	79.	N	N
4	4	1987	B03	75.5	N	N
4	4	1987	B04	79.5	N	N
4	4	1987	B05	79.5	N	N
4	4	1987	B06	77.5	N	N
4	4	1987	B07	81.	N	N
4	4	1987	B08	79.	N	N
4	4	1987	B09	82.	N	N
4	4	1987	B10	79.	N	N
4	4	1987	B11	76.5	N	N
4	4	1987	B12	76.	N	N
5	4	1987	B01	73.	N	N
5	4	1987	B02	78.	N	N
5	4	1987	B03	74.	N	N
5	4	1987	B04	78.	N	N
5	4	1987	B05	78.5	N	N
5	4	1987	B06	73.	Y	N
5	4	1987	B07	80.	N	N
5	4	1987	B08	79.	N	N
5	4	1987	B09	81.5	N	N
5	4	1987	B10	78.5	N	N
5	4	1987	B11	75.5	N	N
5	4	1987	B12	75.5	Y	N
6	4	1987	B01	71.5	N	N
6	4	1987	B02	77.	N	N
6	4	1987	B03	73.5	N	N
6	4	1987	B04	77.5	N	N
6	4	1987	B05	77.5	N	N
6	4	1987	B06	80.	N	N
6	4	1987	B07	79.	N	N
6	4	1987	B08	78.	N	N
6	4	1987	B09	80.5	N	N
6	4	1987	B10	77.5	N	N
6	4	1987	B11	75.	N	N
6	4	1987	B12	85.	N	N
7	4	1987	B01	79.5	N	N
7	4	1987	B02	76.5	Y	N
7	4	1987	B03	79.5	N	N
7	4	1987	B04	77.5	N	N
7	4	1987	B05	77.	Y	N
7	4	1987	B06	75.	Y	N
7	4	1987	B07	79.	N	N
7	4	1987	B08	77.5	N	N
7	4	1987	B09	79.5	N	N
7	4	1987	B10	77.	N	N
7	4	1987	B11	79.5	N	N
7	4	1987	B12	83.	N	N
8	4	1987	B01	78.	N	N
8	4	1987	B02	78.	N	N
8	4	1987	B03	78.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
8	4	1987	B04	77.	N	N
8	4	1987	B05	81.	N	N
8	4	1987	B06	75.	Y	N
8	4	1987	B07	78.	N	N
8	4	1987	B08	76.	N	N
8	4	1987	B09	79.	N	N
8	4	1987	B10	76.	Y	N
8	4	1987	B11	79.	N	N
8	4	1987	B12	80.	N	N
9	4	1987	B01	76.5	N	N
9	4	1987	B02	77.5	N	N
9	4	1987	B03	77.5	N	N
9	4	1987	B04	78.	N	N
9	4	1987	B05	79.5	N	N
9	4	1987	B06	75.	Y	N
9	4	1987	B07	77.	N	N
9	4	1987	B08	75.5	Y	N
9	4	1987	B09	77.5	N	N
9	4	1987	B10	79.	N	N
9	4	1987	B11	78.	N	N
9	4	1987	B12	77.5	N	N
10	4	1987	B01	75.5	N	N
10	4	1987	B02	76.5	N	N
10	4	1987	B03	76.	N	N
10	4	1987	B04	77.5	N	N
10	4	1987	B05	79.	N	N
10	4	1987	B06	75.	Y	N
10	4	1987	B07	76.	N	N
10	4	1987	B08	82.	N	N
10	4	1987	B09	76.5	Y	N
10	4	1987	B10	78.	N	N
10	4	1987	B11	77.5	N	N
10	4	1987	B12	75.5	Y	N
11	4	1987	B01	74.	N	N
11	4	1987	B02	79.5	N	N
11	4	1987	B03	76.	N	N
11	4	1987	B04	77.	N	N
11	4	1987	B05	78.	N	N
11	4	1987	B06	76.	N	N
11	4	1987	B07	76.	N	N
11	4	1987	B08	81.5	N	N
11	4	1987	B09	79.5	N	N
11	4	1987	B10	77.	N	N
11	4	1987	B11	77.	N	N
11	4	1987	B12	78.	N	N
12	4	1987	B01	73.5	N	N
12	4	1987	B02	79.	N	N
12	4	1987	B03	75.5	N	N
12	4	1987	B04	77.	N	N
12	4	1987	B05	77.5	N	N
12	4	1987	B06	71.5	Y	N
12	4	1987	B07	79.5	N	N
12	4	1987	B08	81.5	N	N
12	4	1987	B09	79.	N	N
12	4	1987	B10	77.	N	N
12	4	1987	B11	76.5	N	N
12	4	1987	B12	76.5	Y	N
13	4	1987	B01	73.	N	N
13	4	1987	B02	78.	N	N
13	4	1987	B03	75.	N	N
13	4	1987	B04	76.	N	N
13	4	1987	B05	77.	N	N
13	4	1987	B06	77.5	N	N
13	4	1987	B07	78.5	N	N
13	4	1987	B08	81.	N	N
13	4	1987	B09	78.	N	N
13	4	1987	B10	76.5	N	N
13	4	1987	B11	76.	N	N
13	4	1987	B12	78.	N	N
14	4	1987	B01	79.	N	N
14	4	1987	B02	77.5	Y	N
14	4	1987	B03	79.5	N	N
14	4	1987	B04	75.5	Y	N
14	4	1987	B05	76.	Y	N
14	4	1987	B06	72.5	Y	N
14	4	1987	B07	78.	Y	N
14	4	1987	B08	80.	N	N
14	4	1987	B09	77.	Y	N
14	4	1987	B10	75.5	Y	N
14	4	1987	B11	80.	N	N
14	4	1987	B12	76.5	Y	N
15	4	1987	B01	77.5	N	N
15	4	1987	B02	79.5	N	N
15	4	1987	B03	78.5	N	N
15	4	1987	B04	80.	N	N
15	4	1987	B05	82.5	N	N
15	4	1987	B06	77.	Y	N
15	4	1987	B07	81.	N	N
15	4	1987	B08	79.5	N	N
15	4	1987	B09	83.5	N	N
15	4	1987	B10	80.	N	N
15	4	1987	B11	79.5	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
15	4	1987	B12	79.	N	N
16	4	1987	B01	76.5	N	N
16	4	1987	B02	78.	N	N
16	4	1987	B03	77.5	N	N
16	4	1987	B04	79.5	N	N
16	4	1987	B05	81.5	N	N
16	4	1987	B06	75.	Y	N
16	4	1987	B07	80.	N	N
16	4	1987	B08	78.	N	N
16	4	1987	B09	82.	N	N
16	4	1987	B10	79.	N	N
16	4	1987	B11	78.	N	N
16	4	1987	B12	76.5	Y	N
17	4	1987	B01	75.5	N	N
17	4	1987	B02	77.5	N	N
17	4	1987	B03	76.5	N	N
17	4	1987	B04	78.5	N	N
17	4	1987	B05	81.	N	N
17	4	1987	B06	73.5	N	N
17	4	1987	B07	79.5	N	N
17	4	1987	B08	77.5	N	N
17	4	1987	B09	81.	N	N
17	4	1987	B10	78.	N	N
17	4	1987	B11	77.5	N	N
17	4	1987	B12	83.5	N	N
18	4	1987	B01	74.	N	N
18	4	1987	B02	77.	N	N
18	4	1987	B03	75.5	N	N
18	4	1987	B04	78.	N	N
18	4	1987	B05	80.	N	N
18	4	1987	B06	78.	N	N
18	4	1987	B07	79.	N	N
18	4	1987	B08	77.	N	N
18	4	1987	B09	80.	N	N
18	4	1987	B10	77.5	N	N
18	4	1987	B11	77.	N	N
18	4	1987	B12	81.5	N	N
19	4	1987	B01	73.	N	N
19	4	1987	B02	76.	N	N
19	4	1987	B03	75.	N	N
19	4	1987	B04	77.	N	N
19	4	1987	B05	79.	N	N
19	4	1987	B06	75.5	Y	N
19	4	1987	B07	77.5	N	N
19	4	1987	B08	76.	N	N
19	4	1987	B09	79.	N	N
19	4	1987	B10	77.	N	N
19	4	1987	B11	76.5	N	N
19	4	1987	B12	79.	N	N
20	4	1987	B01	71.5	N	N
20	4	1987	B02	75.	Y	N
20	4	1987	B03	75.	N	N
20	4	1987	B04	76.	Y	N
20	4	1987	B05	77.5	N	N
20	4	1987	B06	76.5	Y	N
20	4	1987	B07	76.	Y	N
20	4	1987	B08	75.	N	N
20	4	1987	B09	78.	Y	N
20	4	1987	B10	76.	Y	N
20	4	1987	B11	75.5	N	N
20	4	1987	B12	77.	Y	N
21	4	1987	B01	79.	N	N
21	4	1987	B02	78.	N	N
21	4	1987	B03	79.5	N	N
21	4	1987	B04	76.	Y	N
21	4	1987	B05	80.	N	N
21	4	1987	B06	76.	Y	N
21	4	1987	B07	80.	N	N
21	4	1987	B08	81.5	N	N
21	4	1987	B09	80.	N	N
21	4	1987	B10	77.	Y	N
21	4	1987	B11	79.	N	N
21	4	1987	B12	77.5	Y	N
22	4	1987	B01	77.5	N	N
22	4	1987	B02	76.5	N	N
22	4	1987	B03	79.	N	N
22	4	1987	B04	79.	N	N
22	4	1987	B05	78.5	N	N
22	4	1987	B06	76.	Y	N
22	4	1987	B07	79.	N	N
22	4	1987	B08	80.	N	N
22	4	1987	B09	79.	N	N
22	4	1987	B10	79.	N	N
22	4	1987	B11	78.	N	N
22	4	1987	B12	81.5	N	N
23	4	1987	B01	76.	N	N
23	4	1987	B02	75.5	N	N
23	4	1987	B03	77.	N	N
23	4	1987	B04	78.	N	N
23	4	1987	B05	77.5	N	N
23	4	1987	B06	76.	Y	N
23	4	1987	B07	78.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
23	4	1987	B08	79.	N	N
23	4	1987	B09	78.	N	N
23	4	1987	B10	78.	N	N
23	4	1987	B11	77.5	N	N
23	4	1987	B12	79.5	N	N
24	4	1987	B01	75.	N	N
24	4	1987	B02	75.	Y	N
24	4	1987	B03	76.	N	N
24	4	1987	B04	77.	Y	N
24	4	1987	B05	77.	Y	N
24	4	1987	B06	79.	N	N
24	4	1987	B07	77.5	Y	N
24	4	1987	B08	78.	Y	N
24	4	1987	B09	77.	Y	N
24	4	1987	B10	77.5	Y	N
24	4	1987	B11	77.	N	N
24	4	1987	B12	78.	N	N
25	4	1987	B01	73.5	N	N
25	4	1987	B02	79.5	N	N
25	4	1987	B03	75.	N	N
25	4	1987	B04	81.5	N	N
25	4	1987	B05	79.5	N	N
25	4	1987	B06	74.	Y	N
25	4	1987	B07	79.5	N	N
25	4	1987	B08	80.	N	N
25	4	1987	B09	79.	N	N
25	4	1987	B10	81.	N	N
25	4	1987	B11	76.	N	N
25	4	1987	B12	75.5	Y	N
26	4	1987	B01	72.	N	N
26	4	1987	B02	78.	N	N
26	4	1987	B03	74.	N	N
26	4	1987	B04	83.	N	N
26	4	1987	B05	78.	N	N
26	4	1987	B06	76.	N	N
26	4	1987	B07	78.	N	N
26	4	1987	B08	79.	N	N
26	4	1987	B09	78.	N	N
26	4	1987	B10	80.	N	N
26	4	1987	B11	75.	N	N
26	4	1987	B12	80.	N	N
27	4	1987	B01	71.5	N	N
27	4	1987	B02	77.	N	N
27	4	1987	B03	75.	N	N
27	4	1987	B04	81.5	N	N
27	4	1987	B05	77.	N	N
27	4	1987	B06	72.5	Y	N
27	4	1987	B07	77.5	N	N
27	4	1987	B08	78.	N	N
27	4	1987	B09	77.	N	N
27	4	1987	B10	79.	N	N
27	4	1987	B11	74.	N	N
27	4	1987	B12	78.	N	N
28	4	1987	B01	79.5	N	N
28	4	1987	B02	76.	Y	N
28	4	1987	B03	79.5	N	N
28	4	1987	B04	81.	N	N
28	4	1987	B05	76.	Y	N
28	4	1987	B06	73.	Y	N
28	4	1987	B07	77.	Y	N
28	4	1987	B08	77.5	Y	N
28	4	1987	B09	76.	Y	N
28	4	1987	B10	78.	Y	N
28	4	1987	B11	79.5	N	N
28	4	1987	B12	77.	N	N
29	4	1987	B01	78.5	N	N
29	4	1987	B02	79.5	N	N
29	4	1987	B03	79.	N	N
29	4	1987	B04	80.	N	N
29	4	1987	B05	79.5	N	N
29	4	1987	B06	77.	Y	N
29	4	1987	B07	79.5	N	N
29	4	1987	B08	81.	N	N
29	4	1987	B09	80.	N	N
29	4	1987	B10	79.5	N	N
29	4	1987	B11	79.	N	N
29	4	1987	B12	75.	Y	N
30	4	1987	B01	77.5	N	N
30	4	1987	B02	79.	N	N
30	4	1987	B03	78.	N	N
30	4	1987	B04	80.	N	N
30	4	1987	B05	78.	N	N
30	4	1987	B06	79.5	N	N
30	4	1987	B07	79.	N	N
30	4	1987	B08	80.	N	N
30	4	1987	B09	79.	N	N
30	4	1987	B10	79.	N	N
30	4	1987	B11	78.	N	N
30	4	1987	B12	78.	N	N
1	5	1987	B01	76.	N	N
1	5	1987	B02	78.	N	N
1	5	1987	B03	77.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
1	5	1987	B04	79.5	N	N
1	5	1987	B05	77.5	N	N
1	5	1987	B06	75.5	Y	N
1	5	1987	B07	78.	N	N
1	5	1987	B08	79.	N	N
1	5	1987	B09	78.	N	N
1	5	1987	B10	78.	N	N
1	5	1987	B11	77.5	N	N
1	5	1987	B12	76.	Y	N
2	5	1987	B01	75.5	N	N
2	5	1987	B02	77.5	N	N
2	5	1987	B03	77.	N	N
2	5	1987	B04	79.	N	N
2	5	1987	B05	77.5	N	N
2	5	1987	B06	78.	N	N
2	5	1987	B07	77.5	N	N
2	5	1987	B08	79.	N	N
2	5	1987	B09	77.5	N	N
2	5	1987	B10	77.5	N	N
2	5	1987	B11	77.5	N	N
2	5	1987	B12	81.	N	N
3	5	1987	B01	75.	N	N
3	5	1987	B02	77.	N	N
3	5	1987	B03	76.	N	N
3	5	1987	B04	78.	N	N
3	5	1987	B05	76.	N	N
3	5	1987	B06	73.5	Y	N
3	5	1987	B07	77.	N	N
3	5	1987	B08	78.	N	N
3	5	1987	B09	77.	N	N
3	5	1987	B10	77.	N	N
3	5	1987	B11	77.	N	N
3	5	1987	B12	79.5	N	N
4	5	1987	B01	75.5	Y	N
4	5	1987	B02	76.	N	N
4	5	1987	B03	75.5	Y	N
4	5	1987	B04	77.5	N	N
4	5	1987	B05	79.5	Y	N
4	5	1987	B06	78.	N	N
4	5	1987	B07	76.	N	N
4	5	1987	B08	78.	N	N
4	5	1987	B09	76.	N	N
4	5	1987	B10	76.	N	N
4	5	1987	B11	77.	Y	N
4	5	1987	B12	77.5	N	N
5	5	1987	B01	79.5	N	N
5	5	1987	B02	75.	Y	N
5	5	1987	B03	79.5	N	N
5	5	1987	B04	77.	Y	N
5	5	1987	B05	79.	N	N
5	5	1987	B06	74.	Y	N
5	5	1987	B07	76.	Y	N
5	5	1987	B08	77.5	Y	N
5	5	1987	B09	75.5	Y	N
5	5	1987	B10	76.	Y	N
5	5	1987	B11	80.	N	N
5	5	1987	B12	76.	Y	N
6	5	1987	B01	78.	N	N
6	5	1987	B02	79.	Y	N
6	5	1987	B03	78.	N	N
6	5	1987	B04	77.5	N	N
6	5	1987	B05	78.	N	N
6	5	1987	B06	75.5	Y	N
6	5	1987	B07	79.	N	N
6	5	1987	B08	84.5	N	N
6	5	1987	B09	79.	N	N
6	5	1987	B10	79.5	N	N
6	5	1987	B11	79.5	N	N
6	5	1987	B12	78.	N	N
7	5	1987	B01	77.	N	N
7	5	1987	B02	78.	N	N
7	5	1987	B03	77.5	N	N
7	5	1987	B04	80.	N	N
7	5	1987	B05	77.	N	N
7	5	1987	B06	77.5	Y	N
7	5	1987	B07	78.	N	N
7	5	1987	B08	83.	N	N
7	5	1987	B09	78.	N	N
7	5	1987	B10	78.	N	N
7	5	1987	B11	78.5	N	N
7	5	1987	B12	76.	Y	N
8	5	1987	B01	76.	N	N
8	5	1987	B02	77.5	N	N
8	5	1987	B03	77.	N	N
8	5	1987	B04	79.	N	N
8	5	1987	B05	76.	Y	N
8	5	1987	B06	77.	Y	N
8	5	1987	B07	77.5	N	N
8	5	1987	B08	83.	N	N
8	5	1987	B09	77.5	N	N
8	5	1987	B10	77.5	N	N
8	5	1987	B11	78.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
8	5	1987	B12	79.5	N	N
9	5	1987	B01	75.5	N	N
9	5	1987	B02	76.5	N	N
9	5	1987	B03	75.5	N	N
9	5	1987	B04	78.	N	N
9	5	1987	B05	81.	N	N
9	5	1987	B06	79.5	N	N
9	5	1987	B07	76.5	N	N
9	5	1987	B08	82.	N	N
9	5	1987	B09	76.	N	N
9	5	1987	B10	77.	N	N
9	5	1987	B11	77.5	N	N
9	5	1987	B12	77.5	N	N
10	5	1987	B01	73.5	N	N
10	5	1987	B02	75.5	N	N
10	5	1987	B03	75.	N	N
10	5	1987	B04	77.5	N	N
10	5	1987	B05	79.5	N	N
10	5	1987	B06	75.	Y	N
10	5	1987	B07	75.5	N	N
10	5	1987	B08	81.	N	N
10	5	1987	B09	75.	N	N
10	5	1987	B10	76.	N	N
10	5	1987	B11	76.	N	N
10	5	1987	B12	75.5	Y	N
11	5	1987	B01	73.	N	N
11	5	1987	B02	75.	N	N
11	5	1987	B03	74.	N	N
11	5	1987	B04	76.5	N	N
11	5	1987	B05	79.	Y	N
11	5	1987	B06	77.	N	N
11	5	1987	B07	75.	N	N
11	5	1987	B08	80.	N	N
11	5	1987	B09	74.5	N	N
11	5	1987	B10	75.5	N	N
11	5	1987	B11	76.	N	N
11	5	1987	B12	80.	N	N
12	5	1987	B01	79.	N	N
12	5	1987	B02	74.	Y	N
12	5	1987	B03	79.5	N	N
12	5	1987	B04	75.5	Y	N
12	5	1987	B05	78.	N	N
12	5	1987	B06	78.	N	N
12	5	1987	B07	74.	Y	N
12	5	1987	B08	79.5	N	N
12	5	1987	B09	73.5	Y	N
12	5	1987	B10	75.	Y	N
12	5	1987	B11	80.	N	N
12	5	1987	B12	78.	N	N
13	5	1987	B01	78.	N	N
13	5	1987	B02	79.	N	N
13	5	1987	B03	79.	N	N
13	5	1987	B04	80.	N	N
13	5	1987	B05	77.5	N	N
13	5	1987	B06	73.5	Y	N
13	5	1987	B07	79.	N	N
13	5	1987	B08	79.	N	N
13	5	1987	B09	79.	N	N
13	5	1987	B10	79.5	N	N
13	5	1987	B11	79.	N	N
13	5	1987	B12	76.	Y	N
14	5	1987	B01	77.	N	N
14	5	1987	B02	78.	N	N
14	5	1987	B03	77.5	N	N
14	5	1987	B04	79.5	N	N
14	5	1987	B05	76.	Y	N
14	5	1987	B06	76.	Y	N
14	5	1987	B07	78.	N	N
14	5	1987	B08	78.	N	N
14	5	1987	B09	78.	N	N
14	5	1987	B10	78.5	N	N
14	5	1987	B11	78.5	N	N
14	5	1987	B12	81.	N	N
15	5	1987	B01	76.	N	N
15	5	1987	B02	77.5	Y	N
15	5	1987	B03	77.	N	N
15	5	1987	B04	79.	N	N
15	5	1987	B05	81.5	N	N
15	5	1987	B06	75.5	Y	N
15	5	1987	B07	77.5	Y	N
15	5	1987	B08	77.5	Y	N
15	5	1987	B09	77.	Y	N
15	5	1987	B10	78.	Y	N
15	5	1987	B11	78.	N	N
15	5	1987	B12	79.5	N	N
16	5	1987	B01	75.	N	N
16	5	1987	B02	82.	N	N
16	5	1987	B03	76.5	N	N
16	5	1987	B04	78.5	N	N
16	5	1987	B05	81.	N	N
16	5	1987	B06	78.	N	N
16	5	1987	B07	82.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
16	5	1987	B08	81.5	N	N
16	5	1987	B09	80.	N	N
16	5	1987	B10	79.5	N	N
16	5	1987	B11	77.5	N	N
16	5	1987	B12	78.	N	N
17	5	1987	B01	74.	N	N
17	5	1987	B02	81.5	N	N
17	5	1987	B03	75.5	N	N
17	5	1987	B04	78.	N	N
17	5	1987	B05	80.	N	N
17	5	1987	B06	73.5	Y	N
17	5	1987	B07	81.	N	N
17	5	1987	B08	81.	N	N
17	5	1987	B09	79.5	N	N
17	5	1987	B10	79.	N	N
17	5	1987	B11	77.	N	N
17	5	1987	B12	76.	N	N
18	5	1987	B01	72.5	N	N
18	5	1987	B02	80.	N	N
18	5	1987	B03	75.	N	N
18	5	1987	B04	77.5	N	N
18	5	1987	B05	79.	N	N
18	5	1987	B06	77.	Y	N
18	5	1987	B07	80.	N	N
18	5	1987	B08	80.	N	N
18	5	1987	B09	78.5	N	N
18	5	1987	B10	78.	N	N
18	5	1987	B11	76.	N	N
18	5	1987	B12	74.	Y	N
19	5	1987	B01	79.	N	N
19	5	1987	B02	79.5	N	N
19	5	1987	B03	79.5	N	N
19	5	1987	B04	76.5	N	N
19	5	1987	B05	78.	N	N
19	5	1987	B06	76.	Y	N
19	5	1987	B07	79.5	N	N
19	5	1987	B08	79.5	N	N
19	5	1987	B09	78.	N	N
19	5	1987	B10	77.5	N	N
19	5	1987	B11	79.	N	N
19	5	1987	B12	77.	Y	N
20	5	1987	B01	79.5	N	N
20	5	1987	B02	80.	N	N
20	5	1987	B03	80.	N	N
20	5	1987	B04	77.5	N	N
20	5	1987	B05	79.	N	N
20	5	1987	B06	76.	Y	N
20	5	1987	B07	80.	N	N
20	5	1987	B08	80.	N	N
20	5	1987	B09	79.	N	N
20	5	1987	B10	78.	N	N
20	5	1987	B11	81.5	N	N
20	5	1987	B12	79.5	N	N
22	5	1987	B01	78.	N	N
22	5	1987	B02	79.	N	N
22	5	1987	B03	79.	N	N
22	5	1987	B04	76.	Y	N
22	5	1987	B05	77.5	Y	N
22	5	1987	B06	76.5	Y	N
22	5	1987	B07	79.	N	N
22	5	1987	B08	79.5	N	N
22	5	1987	B09	77.	N	N
22	5	1987	B10	77.	N	N
22	5	1987	B11	81.	N	N
22	5	1987	B12	79.5	N	N
23	5	1987	B01	76.	N	N
23	5	1987	B02	78.	N	N
23	5	1987	B03	78.	N	N
23	5	1987	B04	78.	N	N
23	5	1987	B05	79.	N	N
23	5	1987	B06	76.	Y	N
23	5	1987	B07	78.	N	N
23	5	1987	B08	78.5	N	N
23	5	1987	B09	76.	N	N
23	5	1987	B10	76.	N	N
23	5	1987	B11	80.	N	N
23	5	1987	B12	77.5	Y	N
24	5	1987	B01	75.	N	N
24	5	1987	B02	77.	N	N
24	5	1987	B03	77.5	N	N
24	5	1987	B04	77.	N	N
24	5	1987	B05	78.	N	N
24	5	1987	B06	78.	N	N
24	5	1987	B07	77.	N	N
24	5	1987	B08	77.5	N	N
24	5	1987	B09	75.5	Y	N
24	5	1987	B10	75.5	Y	N
24	5	1987	B11	79.5	N	N
24	5	1987	B12	79.	N	N
25	5	1987	B01	74.	N	N
25	5	1987	B02	76.	N	N
25	5	1987	B03	76.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
25	5	1987	B04	76.	N	N
25	5	1987	B05	77.5	N	N
25	5	1987	B06	75.	N	N
25	5	1987	B07	76.	N	N
25	5	1987	B08	77.	N	N
25	5	1987	B09	79.	N	N
25	5	1987	B10	79.5	N	N
25	5	1987	B11	78.	N	N
25	5	1987	B12	77.	N	N
26	5	1987	B01	80.5	N	N
26	5	1987	B02	75.5	Y	N
26	5	1987	B03	80.	N	N
26	5	1987	B04	75.5	Y	N
26	5	1987	B05	76.	Y	N
26	5	1987	B06	79.5	N	N
26	5	1987	B07	76.	Y	N
26	5	1987	B08	76.	Y	N
26	5	1987	B09	78.5	N	N
26	5	1987	B10	78.5	N	N
26	5	1987	B11	80.	N	N
26	5	1987	B12	75.5	Y	N
27	5	1987	B01	80.	N	N
27	5	1987	B02	80.	N	N
27	5	1987	B03	79.5	N	N
27	5	1987	B04	80.	N	N
27	5	1987	B05	80.	N	N
27	5	1987	B06	75.5	Y	N
27	5	1987	B07	79.5	N	N
27	5	1987	B08	80.	N	N
27	5	1987	B09	78.	N	N
27	5	1987	B10	78.5	N	N
27	5	1987	B11	80.	N	N
27	5	1987	B12	81.5	N	N
28	5	1987	B01	79.	N	N
28	5	1987	B02	79.5	N	N
28	5	1987	B03	79.	N	N
28	5	1987	B04	79.5	N	N
28	5	1987	B05	79.	N	N
28	5	1987	B06	77.	Y	N
28	5	1987	B07	79.	N	N
28	5	1987	B08	79.5	N	N
28	5	1987	B09	78.	Y	N
28	5	1987	B10	78.	Y	N
28	5	1987	B11	79.5	N	N
28	5	1987	B12	80.5	N	N
29	5	1987	B01	78.	N	N
29	5	1987	B02	78.5	N	N
29	5	1987	B03	78.	N	N
29	5	1987	B04	79.	N	N
29	5	1987	B05	78.5	N	N
29	5	1987	B06	77.5	Y	N
29	5	1987	B07	79.	N	N
29	5	1987	B08	79.	N	N
29	5	1987	B09	82.	N	N
29	5	1987	B10	80.	N	N
29	5	1987	B11	79.	N	N
29	5	1987	B12	79.	N	N
30	5	1987	B01	77.	N	N
30	5	1987	B02	78.	N	N
30	5	1987	B03	77.5	N	N
30	5	1987	B04	78.	N	N
30	5	1987	B05	78.	N	N
30	5	1987	B06	77.5	Y	N
30	5	1987	B07	78.	N	N
30	5	1987	B08	78.	N	N
30	5	1987	B09	81.5	N	N
30	5	1987	B10	79.5	N	N
30	5	1987	B11	78.	N	N
30	5	1987	B12	77.5	N	N
31	5	1987	B01	76.	N	N
31	5	1987	B02	77.5	N	N
31	5	1987	B03	77.	N	N
31	5	1987	B04	77.5	N	N
31	5	1987	B05	77.5	N	N
31	5	1987	B06	74.	Y	N
31	5	1987	B07	78.	N	N
31	5	1987	B08	78.	N	N
31	5	1987	B09	81.	N	N
31	5	1987	B10	79.5	N	N
31	5	1987	B11	78.	N	N
31	5	1987	B12	76.	Y	N
1	6	1987	B01	75.5	N	N
1	6	1987	B02	76.5	N	N
1	6	1987	B03	76.	N	N
1	6	1987	B04	77.	N	N
1	6	1987	B05	77.	N	N
1	6	1987	B06	75.5	N	N
1	6	1987	B07	77.	N	N
1	6	1987	B08	77.	N	N
1	6	1987	B09	80.	N	N
1	6	1987	B10	78.	N	N
1	6	1987	B11	77.5	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
1	6	1987	B12	79.5	N	N
2	6	1987	B01	79.5	N	N
2	6	1987	B02	76.	N	N
2	6	1987	B03	79.5	N	N
2	6	1987	B04	76.	N	N
2	6	1987	B05	76.	N	N
2	6	1987	B06	79.5	N	N
2	6	1987	B07	76.	N	N
2	6	1987	B08	76.	Y	N
2	6	1987	B09	79.5	N	N
2	6	1987	B10	77.5	N	N
2	6	1987	B11	79.5	N	N
2	6	1987	B12	78.	N	N
3	6	1987	B01	78.	Y	N
3	6	1987	B02	79.	N	N
3	6	1987	B03	79.	N	N
3	6	1987	B04	78.	N	N
3	6	1987	B05	79.5	N	N
3	6	1987	B06	75.5	N	N
3	6	1987	B07	79.5	N	N
3	6	1987	B08	79.	N	N
3	6	1987	B09	78.	N	N
3	6	1987	B10	77.	N	N
3	6	1987	B11	79.	N	N
3	6	1987	B12	76.	N	N
4	6	1987	B01	77.5	N	N
4	6	1987	B02	78.5	N	N
4	6	1987	B03	78.	N	N
4	6	1987	B04	77.5	N	N
4	6	1987	B05	78.5	N	N
4	6	1987	B06	77.	Y	N
4	6	1987	B07	78.5	N	N
4	6	1987	B08	78.	N	N
4	6	1987	B09	77.5	N	N
4	6	1987	B10	76.	N	N
4	6	1987	B11	78.	N	N
4	6	1987	B12	79.5	N	N
5	6	1987	B01	77.	N	N
5	6	1987	B02	78.	N	N
5	6	1987	B03	78.	N	N
5	6	1987	B04	77.5	N	N
5	6	1987	B05	78.	N	N
5	6	1987	B06	78.	Y	N
5	6	1987	B07	78.5	N	N
5	6	1987	B08	78.	N	N
5	6	1987	B09	77.5	N	N
5	6	1987	B10	76.	N	N
5	6	1987	B11	78.	N	N
5	6	1987	B12	78.5	N	N
6	6	1987	B01	76.	N	N
6	6	1987	B02	78.	N	N
6	6	1987	B03	77.5	N	N
6	6	1987	B04	77.	N	N
6	6	1987	B05	77.5	N	N
6	6	1987	B06	77.5	N	N
6	6	1987	B07	78.	N	N
6	6	1987	B08	78.	N	N
6	6	1987	B09	77.	N	N
6	6	1987	B10	78.	N	N
6	6	1987	B11	78.	N	N
6	6	1987	B12	80.	N	N
7	6	1987	B01	75.5	N	N
7	6	1987	B02	77.5	N	N
7	6	1987	B03	77.	N	N
7	6	1987	B04	77.	Y	N
7	6	1987	B05	77.	N	N
7	6	1987	B06	74.	Y	N
7	6	1987	B07	78.	N	N
7	6	1987	B08	77.5	N	N
7	6	1987	B09	77.	N	N
7	6	1987	B10	78.	N	N
7	6	1987	B11	77.5	N	N
7	6	1987	B12	79.	N	N
8	6	1987	B01	74.	N	N
8	6	1987	B02	77.	N	N
8	6	1987	B03	76.5	N	N
8	6	1987	B04	76.	N	N
8	6	1987	B05	76.	N	N
8	6	1987	B06	76.	N	N
8	6	1987	B07	77.	N	N
8	6	1987	B08	77.	N	N
8	6	1987	B09	76.	Y	N
8	6	1987	B10	77.	N	N
8	6	1987	B11	77.	N	N
8	6	1987	B12	78.	N	N
9	6	1987	B01	79.5	N	N
9	6	1987	B02	76.	N	N
9	6	1987	B03	80.	N	N
9	6	1987	B04	79.5	N	N
9	6	1987	B05	76.	N	N
9	6	1987	B06	76.	N	N
9	6	1987	B07	76.5	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW	DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
9	6	1987	B08	77.	N	N	13	6	1987	B06	74.	Y	N
9	6	1987	B09	80.5	N	N	13	6	1987	B07	78.	N	N
9	6	1987	B10	77.	N	N	13	6	1987	B08	78.	N	N
9	6	1987	B11	79.5	N	N	13	6	1987	B09	82.	N	N
9	6	1987	B12	76.	N	N	13	6	1987	B10	78.	N	N
10	6	1987	B01	82.	N	N	13	6	1987	B11	81.5	N	N
10	6	1987	B02	79.	N	N	13	6	1987	B12	75.	N	N
10	6	1987	B03	82.5	N	N	14	6	1987	B01	78.	N	N
10	6	1987	B04	82.	N	N	14	6	1987	B02	76.	N	N
10	6	1987	B05	78.5	N	N	14	6	1987	B03	80.	N	N
10	6	1987	B06	76.	N	N	14	6	1987	B04	80.	N	N
10	6	1987	B07	79.5	N	N	14	6	1987	B05	76.	N	N
10	6	1987	B08	79.5	N	N	14	6	1987	B06	76.	N	N
10	6	1987	B09	83.5	N	N	14	6	1987	B07	77.5	N	N
10	6	1987	B10	79.5	N	N	14	6	1987	B08	77.5	N	N
10	6	1987	B11	82.5	N	N	14	6	1987	B09	81.	N	N
10	6	1987	B12	79.	N	N	14	6	1987	B10	77.5	N	N
11	6	1987	B01	81.5	N	N	14	6	1987	B11	81.	N	N
11	6	1987	B02	78.5	N	N	14	6	1987	B12	74.	Y	N
11	6	1987	B03	82.5	N	N	15	6	1987	B01	77.	N	N
11	6	1987	B04	82.	N	N	15	6	1987	B02	75.5	Y	N
11	6	1987	B05	78.5	N	N	15	6	1987	B03	79.	N	N
11	6	1987	B06	73.	Y	N	15	6	1987	B04	79.	N	N
11	6	1987	B07	79.5	N	N	15	6	1987	B05	75.	Y	N
11	6	1987	B08	79.5	N	N	15	6	1987	B06	75.5	Y	N
11	6	1987	B09	83.	N	N	15	6	1987	B07	76.5	Y	N
11	6	1987	B10	79.5	N	N	15	6	1987	B08	77.	Y	N
11	6	1987	B11	82.5	N	N	15	6	1987	B09	80.	N	N
11	6	1987	B12	77.5	N	N	15	6	1987	B10	76.	N	N
12	6	1987	B01	80.	N	N	15	6	1987	B11	80.	N	N
12	6	1987	B02	78.	N	N	15	6	1987	B12	78.	N	N
12	6	1987	B03	81.5	N	N	16	6	1987	B01	79.	N	N
12	6	1987	B04	81.5	N	N	16	6	1987	B02	79.5	N	N
12	6	1987	B05	78.	N	N	16	6	1987	B03	79.	N	N
12	6	1987	B06	78.	N	N	16	6	1987	B04	78.	N	N
12	6	1987	B07	79.5	N	N	16	6	1987	B05	78.5	N	N
12	6	1987	B08	79.	N	N	16	6	1987	B06	78.	N	N
12	6	1987	B09	82.5	N	N	16	6	1987	B07	79.5	N	N
12	6	1987	B10	79.	N	N	16	6	1987	B08	78.	N	N
12	6	1987	B11	82.	N	N	16	6	1987	B09	78.	N	N
12	6	1987	B12	76.5	N	N	16	6	1987	B10	76.	N	N
13	6	1987	B01	79.	N	N	16	6	1987	B11	79.5	N	N
13	6	1987	B02	77.5	N	N	16	6	1987	B12	77.	N	N
13	6	1987	B03	81.	N	N	17	6	1987	B01	85.	N	N
13	6	1987	B04	81.	N	N	17	6	1987	B02	85.	N	N
13	6	1987	B05	77.	N	N	17	6	1987	B03	85.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
17	6	1987	B04	84.	N	N
17	6	1987	B05	84.	N	N
17	6	1987	B06	82.	N	N
17	6	1987	B07	84.	N	N
17	6	1987	B08	84.	N	N
17	6	1987	B09	84.5	N	N
17	6	1987	B10	82.	N	N
17	6	1987	B11	85.	N	N
17	6	1987	B12	82.	N	N
18	6	1987	B01	86.	N	Y
18	6	1987	B02	86.	N	N
18	6	1987	B03	86.	N	N
18	6	1987	B04	84.	N	Y
18	6	1987	B05	85.5	N	N
18	6	1987	B06	80.	N	N
18	6	1987	B07	84.5	N	Y
18	6	1987	B08	85.5	N	N
18	6	1987	B09	86.	N	N
18	6	1987	B10	83.5	N	N
18	6	1987	B11	86.	N	Y
18	6	1987	B12	83.	N	N
19	6	1987	B01	85.5	N	N
19	6	1987	B02	86.	N	N
19	6	1987	B03	86.	N	N
19	6	1987	B04	84.	N	N
19	6	1987	B05	85.	N	N
19	6	1987	B06	77.	N	N
19	6	1987	B07	84.	N	N
19	6	1987	B08	85.	N	N
19	6	1987	B09	85.5	N	N
19	6	1987	B10	83.	N	N
19	6	1987	B11	86.	N	N
19	6	1987	B12	82.	N	N
20	6	1987	B01	84.	N	N
20	6	1987	B02	85.	N	N
20	6	1987	B03	85.5	N	N
20	6	1987	B04	83.5	N	N
20	6	1987	B05	84.	N	N
20	6	1987	B06	75.5	Y	N
20	6	1987	B07	83.5	N	N
20	6	1987	B08	84.	N	N
20	6	1987	B09	85.	N	N
20	6	1987	B10	83.	N	N
20	6	1987	B11	86.	N	N
20	6	1987	B12	81.	N	N
21	6	1987	B01	83.5	N	N
21	6	1987	B02	84.	N	N
21	6	1987	B03	84.	N	N
21	6	1987	B04	83.5	N	N
21	6	1987	B05	83.5	N	N
21	6	1987	B06	77.	Y	N
21	6	1987	B07	83.	N	N
21	6	1987	B08	83.5	N	N
21	6	1987	B09	84.	N	N
21	6	1987	B10	82.	N	N
21	6	1987	B11	85.	N	N
21	6	1987	B12	79.	N	N
22	6	1987	B01	82.	N	N
22	6	1987	B02	83.5	N	N
22	6	1987	B03	83.5	N	N
22	6	1987	B04	82.	N	N
22	6	1987	B05	83.	N	N
22	6	1987	B06	73.5	Y	N
22	6	1987	B07	82.	N	N
22	6	1987	B08	85.	N	N
22	6	1987	B09	85.	N	N
22	6	1987	B10	81.	N	N
22	6	1987	B11	84.5	N	N
22	6	1987	B12	78.	N	N
23	6	1987	B01	81.5	N	N
23	6	1987	B02	83.5	N	N
23	6	1987	B03	83.5	N	N
23	6	1987	B04	82.	N	N
23	6	1987	B05	83.	N	N
23	6	1987	B06	81.	N	N
23	6	1987	B07	82.	N	N
23	6	1987	B08	83.	N	N
23	6	1987	B09	83.	N	N
23	6	1987	B10	81.5	N	N
23	6	1987	B11	84.	N	N
23	6	1987	B12	77.5	N	N
24	6	1987	B01	81.	N	N
24	6	1987	B02	83.	N	N
24	6	1987	B03	83.5	N	N
24	6	1987	B04	82.	N	N
24	6	1987	B05	82.5	N	N
24	6	1987	B06	77.5	N	N
24	6	1987	B07	81.5	N	N
24	6	1987	B08	82.	N	N
24	6	1987	B09	82.5	N	N
24	6	1987	B10	81.	N	N
24	6	1987	B11	84.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
24	6	1987	B12	76.	N	N
25	6	1987	B01	79.5	N	N
25	6	1987	B02	82.	N	N
25	6	1987	B03	82.5	N	N
25	6	1987	B04	81.	N	N
25	6	1987	B05	81.5	N	N
25	6	1987	B06	74.	Y	N
25	6	1987	B07	81.	N	N
25	6	1987	B08	82.	N	N
25	6	1987	B09	82.	N	N
25	6	1987	B10	80.	N	N
25	6	1987	B11	84.	N	N
25	6	1987	B12	75.5	N	N
26	6	1987	B01	80.	N	N
26	6	1987	B02	83.5	N	N
26	6	1987	B03	83.	N	N
26	6	1987	B04	82.	N	N
26	6	1987	B05	82.5	N	N
26	6	1987	B06	82.	N	N
26	6	1987	B07	81.5	N	N
26	6	1987	B08	83.	N	N
26	6	1987	B09	82.5	N	N
26	6	1987	B10	81.5	N	N
26	6	1987	B11	84.5	N	N
26	6	1987	B12	81.	N	N
27	6	1987	B01	84.	N	N
27	6	1987	B02	86.	N	N
27	6	1987	B03	87.	N	N
27	6	1987	B04	84.5	N	Y
27	6	1987	B05	86.	N	N
27	6	1987	B06	83.5	N	N
27	6	1987	B07	85.	N	Y
27	6	1987	B08	86.5	N	N
27	6	1987	B09	86.	N	Y
27	6	1987	B10	85.5	N	N
27	6	1987	B11	87.	N	Y
27	6	1987	B12	84.	N	N
28	6	1987	B01	83.	N	N
28	6	1987	B02	85.5	N	N
28	6	1987	B03	86.	N	N
28	6	1987	B04	83.5	N	N
28	6	1987	B05	86.	N	N
28	6	1987	B06	80.	N	N
28	6	1987	B07	84.	N	N
28	6	1987	B08	86.	N	N
28	6	1987	B09	85.	N	N
28	6	1987	B10	84.5	N	N
28	6	1987	B11	86.	N	N
28	6	1987	B12	83.	N	N
29	6	1987	B01	82.	N	N
29	6	1987	B02	84.5	N	N
29	6	1987	B03	86.	N	N
29	6	1987	B04	83.5	N	N
29	6	1987	B05	85.5	N	N
29	6	1987	B06	77.5	N	N
29	6	1987	B07	84.	N	N
29	6	1987	B08	86.	N	N
29	6	1987	B09	85.5	N	N
29	6	1987	B10	84.5	N	N
29	6	1987	B11	86.	N	N
29	6	1987	B12	82.	N	N
30	6	1987	B01	81.	N	N
30	6	1987	B02	85.	N	N
30	6	1987	B03	85.5	N	N
30	6	1987	B04	83.	N	N
30	6	1987	B05	85.	N	N
30	6	1987	B06	74.	N	N
30	6	1987	B07	85.	N	N
30	6	1987	B08	85.	N	N
30	6	1987	B09	84.9	N	N
30	6	1987	B10	83.5	N	N
30	6	1987	B11	85.5	N	N
30	6	1987	B12	80.5	N	N
1	7	1987	B01	82.	N	N
1	7	1987	B02	85.5	N	N
1	7	1987	B03	86.	N	N
1	7	1987	B04	84.	N	Y
1	7	1987	B05	85.5	N	N
1	7	1987	B06	84.5	N	N
1	7	1987	B07	86.	N	Y
1	7	1987	B08	86.	N	N
1	7	1987	B09	85.	N	N
1	7	1987	B10	85.	N	N
1	7	1987	B11	86.5	N	Y
1	7	1987	B12	81.	N	N
2	7	1987	B01	81.5	N	N
2	7	1987	B02	85.5	N	N
2	7	1987	B03	86.	N	N
2	7	1987	B04	83.5	N	Y
2	7	1987	B05	85.	N	N
2	7	1987	B06	81.5	N	N
2	7	1987	B07	84.	N	N

Table 2. Daily Pond Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	DEPTH	INFLOW	OVERFLOW
2	7	1987	B08	86.	N	N
2	7	1987	B09	85.	N	N
2	7	1987	B10	86.	N	N
2	7	1987	B11	86.	N	N
2	7	1987	B12	81.	N	N
3	7	1987	B01	81.5	N	N
3	7	1987	B02	86.	N	N
3	7	1987	B03	86.	N	N
3	7	1987	B04	84.	N	Y
3	7	1987	B05	86.	N	N
3	7	1987	B06	79.5	N	N
3	7	1987	B07	84.5	N	Y
3	7	1987	B08	86.5	N	N
3	7	1987	B09	85.5	N	N
3	7	1987	B10	85.5	N	N
3	7	1987	B11	86.5	N	Y
3	7	1987	B12	80.5	N	N
4	7	1987	B01	80.	N	N
4	7	1987	B02	85.	N	N
4	7	1987	B03	85.	N	N
4	7	1987	B04	83.5	N	N
4	7	1987	B05	87.	N	N
4	7	1987	B06	76.	N	N
4	7	1987	B07	83.5	N	N
4	7	1987	B08	86.	N	N
4	7	1987	B09	84.	N	N
4	7	1987	B10	84.	N	N
4	7	1987	B11	86.	N	N
4	7	1987	B12	78.	N	N
5	7	1987	B01	79.5	N	N
5	7	1987	B02	85.	N	N
5	7	1987	B03	85.	N	N
5	7	1987	B04	83.5	N	N
5	7	1987	B05	84.	N	N
5	7	1987	B06	83.5	Y	N
5	7	1987	B07	83.5	N	N
5	7	1987	B08	85.5	N	N
5	7	1987	B09	85.	N	N
5	7	1987	B10	84.	N	N
5	7	1987	B11	85.5	N	N
5	7	1987	B12	78.	N	N
6	7	1987	B01	79.	N	N
6	7	1987	B02	84.	N	N
6	7	1987	B03	85.	N	N
6	7	1987	B04	83.	N	N
6	7	1987	B05	84.	N	N
6	7	1987	B06	78.	N	N
6	7	1987	B07	83.	N	N
6	7	1987	B08	85.5	N	N
6	7	1987	B09	83.5	N	N
6	7	1987	B10	84.	N	N
6	7	1987	B11	86.	N	N
6	7	1987	B12	77.	N	N
7	7	1987	B01	77.5	N	N
7	7	1987	B02	83.5	N	N
7	7	1987	B03	84.	N	N
7	7	1987	B04	82.	N	N
7	7	1987	B05	83.	N	N
7	7	1987	B06	74.5	N	N
7	7	1987	B07	82.	N	N
7	7	1987	B08	84.	N	N
7	7	1987	B09	83.	N	N
7	7	1987	B10	83.5	N	N
7	7	1987	B11	85.	N	N
7	7	1987	B12	76.	N	N
21	5	19687	B01	78.5	N	N
21	5	19687	B02	79.5	N	N
21	5	19687	B03	79.5	N	N
21	5	19687	B04	76.	N	N
21	5	19687	B05	78.	N	N
21	5	19687	B06	77.	Y	N
21	5	19687	B07	79.5	N	N
21	5	19687	B08	79.5	N	N
21	5	19687	B09	77.5	N	N
21	5	19687	B10	77.5	N	N
21	5	19687	B11	81.	N	N
21	5	19687	B12	77.5	Y	N

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
3	6	1986	Y	B01												42.8	34.	8.95		0.61	0.002	0.083	0.085	0.44	0.25			
3	6	1986	Y	B02												61.8	46.	7.9		0.71	0.005	0.015	0.02	0.66	0.45			
3	6	1986	Y	B03												52.3	32.	8.45		0.57	0.028	0.589	0.617	0.29	0.1			
3	6	1986	Y	B04												63.7	58.1	8.		0.75	0.002	0.021	0.023	0.43	0.23			
3	6	1986	Y	B05												62.	52.	7.95		0.57	0.002	0.041	0.043	0.33	0.17			
3	6	1986	Y	B06												54.2	37.	8.35		0.82	0.	0.025	0.025	0.19	0.06			
3	6	1986	Y	B07												61.8	43.	8.2		0.15	0.	0.	0.	0.77	0.54			
3	6	1986	Y	B08												55.	42.	7.8		0.29	0.002	0.021	0.023	0.72	0.49			
3	6	1986	Y	B09												66.5	51.	7.85		0.17	0.002	0.	0.002	0.86	0.6			
3	6	1986	Y	B10												71.3	58.1	7.85		0.18	0.002	0.	0.002	2.9	0.85			
3	6	1986	Y	B11												43.7	28.	7.85		0.1	0.044	1.012	1.056	0.33	0.16			
3	6	1986	Y	B12												51.3	39.	8.		0.13	0.003	0.01	0.013	0.28	0.12			
9	6	1986	Y	B01												54.2	48.5	8.05	0.868	0.008	0.004	0.017	0.021	1.4	0.916			
9	6	1986	Y	B02												77.	80.1	7.6	1.182	0.072	0.014	0.037	0.051	1.7	0.932			
9	6	1986	Y	B03												64.6	41.	7.9	0.65	0.	0.004	0.008	0.012	1.25	0.625			
9	6	1986	Y	B04												83.6	70.1	7.5	1.41	0.3	0.007	0.073	0.08	1.47	0.869			
9	6	1986	Y	B05												83.9	71.1	7.45	1.32	0.21	0.008	0.071	0.079	1.65	0.932			
9	6	1986	Y	B06												61.8	50.	7.5	0.959	0.099	0.008	0.169	0.177	1.18	0.5			
9	6	1986	Y	B07												67.5	52.	7.6	0.117	0.021	0.004	0.017	0.021	1.72	1.043			
9	6	1986	Y	B08												65.6	55.1	7.45	1.2	0.13	0.016	0.033	0.049	3.01	1.027			
9	6	1986	Y	B09												81.7	70.1	7.5	1.225	0.075	0.007	0.033	0.04	2.08	1.185			
9	6	1986	Y	B10												91.2	74.1	7.6	1.518	0.028	0.007	0.033	0.04	3.98	3.25			
9	6	1986	Y	B11												66.5	48.5	8.05	1.19	0.	0.005	0.037	0.042	1.49	0.9			
9	6	1986	Y	B12												69.4	60.1	7.75	0.946	0.046	0.008	0.031	0.039	0.71	0.33			
10	6	1986	Y	B01	600	3.04	3.04	2.88	26.5	26.5	26.5								0.									
10	6	1986	Y	B02	600	1.65	1.6	1.28	25.5	25.5	25.5								0.									
10	6	1986	Y	B03	600	1.6	1.54	1.54	26.5	26.5	26.5								0.									
10	6	1986	Y	B04	600	0.21	0.21	0.21	26.	26.	26.								0.									
10	6	1986	Y	B05	600	1.17	0.53	0.69	26.5	26.5	26.5								0.									
10	6	1986	Y	B06	600	2.13	2.02	1.86	26.	26.	26.								0.									
10	6	1986	Y	B07	600	2.72	2.34	1.92	26.5	26.5	26.5								0.									
10	6	1986	Y	B08	600	1.7	1.7	1.38	25.	25.	25.								0.									
10	6	1986	Y	B09	600	1.92	1.86	1.65	26.	26.	25.5								0.									
10	6	1986	Y	B10	600	0.75	0.53	0.27	25.5	25.5	25.5								0.									
10	6	1986	Y	B11	600	0.75	0.75	0.75	26.5	26.5	26.5								0.									
10	6	1986	Y	B12	600	3.62	3.52	3.52	26.	26.	25.5								0.									
16	6	1986	Y	B01	600	3.73	3.62	3.41	26.5	26.5	26.5					63.6	65.1	7.55	2.266	0.486	0.002	0.	0.002	2.86	2.13			26.73
16	6	1986	Y	B02	600	1.86	1.81	0.32	25.5	25.5	25.5					90.7	67.1	7.45	2.03	0.59	0.009	0.078	0.087	1.58	1.3			26.73
16	6	1986	Y	B03	600	2.02	1.92	1.86	26.5	26.5	26.5					87.4	70.1	7.45	2.21	0.59	0.002	0.023	0.025	2.04	1.53			19.09
16	6	1986	Y	B04	600	0.43	0.43	0.11	26.5	26.5	26.					103.5	87.1	7.45	2.443	0.383	0.002	0.	0.002	1.98	1.3			34.37
16	6	1986	Y	B05	600	1.12	1.07	0.96	27.	27.	26.5					108.3	92.6	7.5	3.023	0.383	0.002	0.	0.002	2.58	1.83			64.15
16	6	1986	Y	B06	600	1.28	0.85	0.8	27.	27.	27.					69.3	60.1	7.45	2.113	0.383	0.002	0.	0.002	1.64	1.03			16.04
16	6	1986	Y	B07	600	4.85	4.8	3.94	27.	26.5	26.5					77.9	68.1	7.75	1.693	0.383	0.	0.	0.	2.31	1.63			64.15

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
16	6	1986	Y	B08	600	2.98	2.93	2.72	25.5	25.5	25.5					75.	65.1	7.5	2.283	0.383	0.007	0.018	0.025	2.45	1.63			15.27
16	6	1986	Y	B09	600	2.56	2.45	2.02	26.	26.5	26.5					96.9	78.1	7.55	1.786	0.486	0.	0.	0.	1.98	1.35			16.04
16	6	1986	Y	B10	600	2.13	2.02	0.43	26.5	26.5	26.					100.7	82.1	7.7	2.669	0.279	0.	0.	0.	4.54	3.45			103.1
16	6	1986	Y	B11	600	1.17	1.01	0.96	27.	27.	27.					96.9	73.1	7.6	2.873	0.383	0.	0.	0.	2.65	1.88			30.55
16	6	1986	Y	B12	600	4.26	4.21	0.21	26.5	26.5	26.					58.9	62.1	7.65	2.319	0.279	0.002	0.023	0.025	0.81	0.42			16.04
18	6	1986	Y	B01															0.							27.	29.	
18	6	1986	Y	B02															0.							9.	8.	
18	6	1986	Y	B03															0.							11.5	10.5	
18	6	1986	Y	B04															0.							22.	22.	
18	6	1986	Y	B05															0.							31.	29.	
18	6	1986	Y	B06															0.							21.	23.	
18	6	1986	Y	B07															0.							21.	21.	
18	6	1986	Y	B08															0.							5.	6.	
18	6	1986	Y	B09															0.							16.	12.5	
18	6	1986	Y	B10															0.							21.	20.5	
18	6	1986	Y	B11															0.							16.5	17.	
18	6	1986	Y	B12															0.							8.5	10.	
23	6	1986	Y	B01	600	2.34	2.24	2.13	26.	26.	26.					80.7	68.1	7.5	1.267	0.057	0.001	0.003	0.004	3.78	2.9	26.	26.	0.
23	6	1986	Y	B02	600	2.24	2.18	2.02	25.	25.	25.					95.	83.1	7.5	1.53	0.19	0.011	0.022	0.033	2.1	1.73	9.5	8.75	30.55
23	6	1986	Y	B03	600	2.66	2.45	2.45	25.5	25.5	26.					97.	89.1	7.55	1.503	0.063	0.001	0.007	0.008	2.7	2.05	10.25	11.	71.79
23	6	1986	Y	B04	600	0.59	0.43	0.43	26.	26.	26.					121.8	106.1	7.45	1.327	0.027	0.001	0.	0.001	3.29	2.43	20.5	21.5	30.55
23	6	1986	Y	B05	600	0.43	0.27	0.16	26.5	26.5	26.5					122.8	103.1	7.5	1.446	0.026	0.001	0.	0.001	3.57	2.7	25.5	27.25	54.99
23	6	1986	Y	B06	600	0.32	0.21	0.11	26.	26.	26.					69.3	63.1	7.5	1.194	0.064	0.003	0.004	0.007	2.09	1.5	19.5	22.5	58.04
23	6	1986	Y	B07	600	3.62	3.62	3.41	26.	26.	26.					76.2	68.1	7.8	1.112	0.072	0.001	0.003	0.004	1.35	1.95	23.5	24.25	46.97
23	6	1986	Y	B08	600	3.46	3.41	3.3	25.	25.	25.					74.3	84.1	7.65	1.085	0.095	0.004	0.016	0.02	2.5	1.85	6.25	6.	24.08
23	6	1986	Y	B09	600	2.66	2.56	2.4	25.5	25.5	25.5					102.	75.1	7.6	1.204	0.054	0.001	0.003	0.004	2.19	1.7	14.5	15.	13.75
23	6	1986	Y	B10	600	0.64	0.64	0.53	26.	26.	26.					115.8	92.1	7.6	1.507	0.057	0.001	0.003	0.004	4.82	3.85	16.5	15.75	84.01
23	6	1986	Y	B11	600	0.75	0.48	0.37	26.	26.	26.					105.8	82.1	7.65	1.288	0.038	0.001	0.003	0.004	3.28	2.28	15.	15.25	16.04
23	6	1986	Y	B12	600	3.94	3.89	3.84	25.5	25.5	25.5					59.4	55.6	7.65	1.066	0.076	0.003	0.01	0.013	0.98	0.6	9.	10.	15.66
30	6	1986	Y	B01	600	2.13	1.97	1.86	25.5	26.	26.					88.4	76.1	7.65	0.889	0.042	0.001	0.009	0.01	4.59	3.4			128.3
30	6	1986	Y	B02	600	1.7	1.76	1.49	25.	25.	25.					104.5	101.1	7.65	0.911	0.186	0.008	0.047	0.055	2.5	2.08			137.47
30	6	1986	Y	B03	600	1.33	1.17	1.07	25.5	25.5	25.5					100.7	108.1	7.6	0.682	0.059	0.003	0.	0.003	3.72	2.6			51.55
30	6	1986	Y	B04	600	0.75	0.64	0.32	26.	26.	26.					134.9	121.1	7.55	0.977	0.052	0.001	0.	0.001	4.6	3.56			54.99
30	6	1986	Y	B05	600	1.07	0.96	0.85	26.	26.	26.					153.9	131.1	8.05	1.152	0.052	0.001	0.	0.001	4.72	3.56			71.79
30	6	1986	Y	B06	600	1.38	1.23	0.53	26.	26.	26.					64.6	55.1	7.9	0.745	0.06	0.003	0.	0.003	2.13	1.53			28.07
30	6	1986	Y	B07	600	3.3	3.2	3.3	26.	26.	26.					87.4	75.1	7.85	0.709	0.017	0.001	0.	0.001	2.96	2.25			105.39
30	6	1986	Y	B08	600	2.98	2.82	1.49	24.5	24.5	24.5					74.1	73.1	7.8	0.757	0.103	0.018	0.022	0.04	3.43	2.08			61.48
30	6	1986	Y	B09	600	3.04	2.66	2.56	25.5	25.5	25.5					108.3	97.1	7.75	0.874	0.051	0.001	0.	0.001	2.75	1.9			68.16
30	6	1986	Y	B10	600	1.28	0.91	0.37	25.5	25.5	25.5					114.	100.1	7.7	1.097	0.051	0.001	0.	0.001	5.9	4.35			116.66
30	6	1986	Y	B11	600	0.85	0.43	0.43	26.	26.	26.					119.7	88.1	7.7	1.053	0.058	0.001	0.	0.001	4.1	3.08			71.79
30	6	1986	Y	B12	600	3.62	3.46	0.16	25.	25.	25.					60.8	60.1	7.85	0.831	0.033	0.001	0.	0.001	1.05	0.73			105.01
1	7	1986	Y	B01															0.							27.	27.5	
1	7	1986	Y	B02															0.							7.75	7.25	
1	7	1986	Y	B03															0.							15.5	14.5	

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

DAY	MO.	YEAR	EXTRA DATA?	POND#	DO TIME	DO @ TOP	DO @ MID	DO @ BOTTOM	WATER TEMP @ TOP	WATER TEMP @ MID	WATER TEMP @ BOTTOM	WATER TEMP @ TOP-MAX	WATER TEMP @ BOT-MAX	WATER TEMP @ TOP-MIN	WATER TEMP @ BOT-MIN	ALKA.	HARD.	pH	KJELDAHL N	NH3-N	NO2-N	NO3-N	TOTAL NO2 & NO3-N	TOTAL P	ORTHO PO4-P	SECHI DISK A	SECHI DISK B	CHLOR-OPHYLL A
1	7	1986	Y	B04															0.							26.5	30.	
1	7	1986	Y	B05															0.							27.5	28.	
1	7	1986	Y	B06															0.							23.5	23.5	
1	7	1986	Y	B07															0.							29.5	31.	
1	7	1986	Y	B08															0.							5.	5.	
1	7	1986	Y	B09															0.							18.5	18.	
1	7	1986	Y	B10															0.							18.5	18.	
1	7	1986	Y	B11															0.							21.5	19.5	
1	7	1986	Y	B12															0.							11.	11.	
7	7	1986	Y	B01	600	2.67	2.51	2.35	25.5	25.5	25.5					99.5	90.1	7.7	1.171	0.039	0.002	0.	0.002	5.13	3.7	18.5	19.5	84.01
7	7	1986	Y	B02	600	2.88	2.88	2.82	24.5	24.5	24.5					115.	97.1	7.75	1.078	0.07	0.002	0.008	0.01	3.03	2.3	9.25	10.75	50.4
7	7	1986	Y	B03	600	1.44	1.44	1.44	25.5	25.5	25.5					128.5	104.1	7.6	1.305	0.059	0.	0.	0.	3.87	2.9	15.25	14.75	26.92
7	7	1986	Y	B04	600	0.43	0.37	0.32	25.5	25.5	25.5					162.3	130.1	7.5	1.257	0.07	0.002	0.	0.002	5.73	4.4	23.	25.	103.1
7	7	1986	Y	B05	600	0.64	0.53	0.43	26.	26.	26.					155.6	131.1	7.5	1.356	0.072	0.002	0.	0.002	5.45	4.2	30.	28.75	89.74
7	7	1986	Y	B06	600	0.32	0.32	0.27	26.	26.	26.					75.3	65.1	7.65	1.07	0.012	0.002	0.	0.002	2.25	1.5	24.5	26.5	84.01
7	7	1986	Y	B07	600	3.14	3.04	2.93	25.5	25.5	25.5					103.4	85.1	7.65	0.869	0.036	0.002	0.	0.002	3.25	2.35	21.75	23.5	79.04
7	7	1986	Y	B08	600	3.09	3.04	3.04	24.	24.	24.					88.9	90.1	7.7	0.922	0.04	0.002	0.008	0.01	4.09	2.45	6.	6.25	8.97
7	7	1986	Y	B09	600	2.4	2.35	2.29	25.5	25.5	25.5					118.8	88.1	7.65	0.999	0.058	0.002	0.02	0.022	2.68	1.85	15.	14.	60.14
7	7	1986	Y	B10	600	1.12	1.07	0.96	25.	25.	25.					144.9	104.1	7.6	1.609	0.039	0.002	0.	0.002	6.41	4.9	14.5	13.	87.83
7	7	1986	Y	B11	600	0.64	0.53	0.48	25.5	25.5	25.5					137.2	103.1	7.6	1.146	0.035	0.002	0.	0.002	5.46	3.85	18.5	17.75	82.48
7	7	1986	Y	B12	600	3.73	3.73	3.73	25.	25.	25.					68.6	56.1	7.75	0.686	0.035	0.003	0.	0.003	0.95	0.55	12.	12.5	4.3
14	7	1986	Y	B01	600	1.6	1.6	1.07	23.5	23.5	23.5					106.3	98.6	7.35	1.398	0.04	0.002	0.	0.002	5.52	3.25	19.	18.25	0.
14	7	1986	Y	B02	600	2.13	2.13	2.13	23.5	23.5	23.5					123.2	84.58	7.4	1.167	0.132	0.002	0.	0.002	3.77	2.45	8.75	8.25	0.
14	7	1986	Y	B03	600	0.85	0.85	0.43	24.	24.	24.					135.2	107.61	7.35	0.882	0.033	0.0035	0.	0.0035	4.29	3.25	14.	13.25	0.
14	7	1986	Y	B04	600	0.21	0.11	0.	24.	24.	24.					170.	139.64	7.35	2.997	0.039	0.002	0.	0.002	6.4	5.05	28.	29.5	77.52
14	7	1986	Y	B05	600	0.21	0.21	0.	24.	24.	24.					223.1	144.64	7.5	2.207	0.05	0.002	0.	0.002	6.03	4.75	32.	33.5	
14	7	1986	Y	B06	600	0.43	0.43	0.21	24.5	24.5	24.5					82.1	68.07	7.95	1.708	0.106	0.	0.	0.	2.39	1.65	29.	29.5	0.
14	7	1986	Y	B07	600	3.2	3.2	1.92	24.	24.	23.5					105.3	89.09	7.65	1.816	0.028	0.	0.	0.	3.35	2.45	21.	18.25	31.69
14	7	1986	Y	B08	600	4.26	4.26	3.73	23.5	23.5	23.5					96.6	81.58	7.7	1.597	0.093	0.002	5.E-4	0.0025	3.36	2.45	6.5	6.	44.87
14	7	1986	Y	B09	600	2.66	2.66	2.13	24.	24.	23.5					120.8	95.09	7.6	1.874	0.023	0.	0.	0.	2.76	1.85	13.	13.5	0.
14	7	1986	Y	B10	600	1.07	1.07	0.85	24.	23.5	23.5					146.8	107.11	7.55	2.127	0.029	0.	0.	0.	6.67	5.05	15.	15.5	119.14
14	7	1986	Y	B11	600	1.07	0.85	0.53	24.	24.	23.5					154.6	106.6	7.55	0.032	0.032	0.002	0.	0.002	5.33	4.1	17.25	17.	97.37
14	7	1986	Y	B12	600	3.84	3.84	3.84	24.	24.	23.5					63.8	60.06	7.8	0.011	0.011	0.002	0.	0.002	0.98	0.55	12.25	12.5	17.18
21	7	1986	Y	B01	600	0.64	0.53	0.37	25.5	25.5	25.5					110.73	94.09	7.5	2.232	0.029	0.0015	0.	0.0015	5.74	4.1	18.5	18.5	
21	7	1986	Y	B02	600	2.34	2.13	1.92	25.	25.	25.					125.58	101.1	7.5	1.032	0.04	0.0015	0.	0.0015	3.39	2.45	9.75	8.75	
21	7	1986	Y	B03	600	0.75	0.75	0.53	25.5	25.5	25.5					140.07	111.61	7.45	0.971	0.046	7.E-4	0.	7.E-4	5.3	3.45	14.25	14.	
21	7	1986	Y	B04	600	0.11	0.05	0.05	26.5	26.5	26.5					174.36	145.64	7.6	2.499	0.066	0.0015	0.	0.0015	7.38	5.35	21.5	23.5	
21	7	1986	Y	B05	600	0.21	0.11	0.05	26.5	26.5	26.5					178.71	147.15	7.55	1.714	0.11	0.0015	0.	0.0015	7.35	5.2	21.5	21.25	
21	7	1986	Y	B06	600	0.26	0.21	0.21	26.5	26.5	26.5					88.87	108.11	7.6	0.919	0.063	0.0015	0.	0.0015	4.96	3.35	24.5	27.	
21	7	1986	Y	B07	600	2.98	2.88	2.13	25.5	25.5	25.5					111.09	88.09	7.85	3.792	0.046	0.	0.	0.	3.75	2.45	17.75	21.	
21	7	1986	Y	B08	600	3.52	3.41	2.13	25.	25.	25.					99.98	86.59	7.8	0.565	0.036	0.0015	0.0185	0.02	4.17	2.15	8.	8.25	
21	7	1986	Y	B09	600	2.02	1.97	1.86	25.5	25.5	25.5					116.4	90.59	7.65	1.148	0.048	0.0015	0.	0.0015	2.91	1.65	13.	16.25	
21	7	1986	Y	B10	600	0.53	0.43	0.37	26.	26.	26.					142.97	101.6	7.6	1.26	0.053	0.0015	0.0185	0.02	6.72	5.05	21.5	20.	
21	7	1986	Y	B11	600	0.43	0.32	0.26	26.	26.	26.					154.08	110.11	7.6	1.813	0.034	0.0015	0.	0.0015	6.12	4.4	17.5	16.5	

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
21	7	1986	Y	B12	600	4.26	4.21	3.89	25.5	25.5	25.5					68.1	62.56	7.75	1.45	0.028	0.0015	0.0185	0.02	0.82	0.43	14.25	14.	
28	7	1986	Y	B01	600	0.85	0.64	0.64	24.5	24.5	24.5					110.61	94.09	7.5	1.785	0.012	0.002	0.013	0.015	6.58	4.25	17.	17.25	
28	7	1986	Y	B02	600	1.86	2.08	2.29	24.	24.	24.					128.	106.61	7.65	1.593	0.051	0.002	0.013	0.015	5.68	2.7	10.5	9.	
28	7	1986	Y	B03	600	0.53	0.48	0.43	24.5	24.5	24.5					149.73	184.18	7.55	1.455	0.043	0.002	0.	0.002	6.32	6.	15.5	14.5	
28	7	1986	Y	B04	600	0.21	0.11	0.11	25.	25.	25.					193.2	91.59	7.5	2.815	0.041	0.002	0.	0.002	7.9	5.9	25.5	26.25	
28	7	1986	Y	B05	600	0.16	0.11	0.11	25.	25.	25.					170.98	150.65	7.55	1.796	0.067	0.002	0.	0.002	8.	5.6	23.	23.	
28	7	1986	Y	B06	600	0.26	0.26	0.21	25.5	25.5	25.5					86.46	75.57	7.65	1.095	0.024	0.002	0.	0.002	3.34	2.	31.	30.5	
28	7	1986	Y	B07	600	2.72	2.66	2.45	24.5	24.5	24.5					114.47	94.09	7.7	0.789	0.042	0.002	0.	0.002	4.41	2.	21.	21.	
28	7	1986	Y	B08	600	3.62	3.57	3.52	24.	24.	24.					101.43	86.59	7.75	1.137	0.029	0.	0.	0.	4.98	2.55	9.	8.5	
28	7	1986	Y	B09	600	2.66	2.56	2.5	24.5	24.5	24.5					127.03	98.1	7.75	1.231	0.014	0.	0.	0.	7.52	2.	15.5	14.5	
28	7	1986	Y	B10	600	0.64	0.48	0.38	24.5	24.5	24.5					156.98	102.1	7.65	2.006	0.036	0.002	0.	0.002	3.52	5.1	18.	16.5	
28	7	1986	Y	B11	600	0.32	0.26	0.21	24.5	25.	25.					156.98	113.11	7.7	1.728	0.05	0.002	0.	0.002	6.25	4.9	16.	14.5	
28	7	1986	Y	B12	600	3.94	3.94	3.89	24.5	24.5	24.5					68.1	53.05	7.85	0.6	0.014	0.002	0.	0.002	1.81	0.45	11.25	10.75	
4	8	1986	Y	B01	600	0.91	0.8	0.69	26.	26.	26.					108.8	103.6	8.55	1.556		0.	0.01	0.01	5.14	3.38	16.	15.75	183.29
4	8	1986	Y	B02	600	1.23	1.07	1.01	25.5	25.5	25.5					126.9	103.1	7.8	1.158		0.002	0.	0.002	5.93	2.63	11.	10.25	23.67
4	8	1986	Y	B03	600	0.53	0.48	0.43	26.	26.	26.					143.78	118.62	7.85	1.236		0.	0.01	0.01	5.27	4.13	13.	12.	42.39
4	8	1986	Y	B04	600	0.16	0.11	0.05	26.5	26.5	26.5					192.03	157.16	7.9	2.675		0.	0.	0.	7.93	5.75	16.5	16.75	72.84
4	8	1986	Y	B05	600	0.21	0.11	0.05	27.	27.	26.5					181.42	149.15	7.9	2.648		0.	0.	0.	7.63	5.38	17.5	19.5	107.11
4	8	1986	Y	B06	600	0.26	0.16	0.11	27.	27.	27.					88.78	87.09	7.55	1.119		0.	0.	0.	3.39	2.13	21.5	17.	52.99
4	8	1986	Y	B07	600	2.09	2.02	1.97	26.	26.	26.					117.25	100.1	8.	1.43		0.	0.	0.	3.65	2.63	20.75	22.25	69.5
4	8	1986	Y	B08	600	3.04	3.04	1.07	25.5	25.5	25.5					105.67	86.09	7.9	1.051		0.	0.01	0.01	3.14	2.63	10.5	8.75	30.07
4	8	1986	Y	B09	600	2.24	2.09	1.86	26.	26.	26.					126.41	94.59	7.9	0.905		0.	0.	0.	3.18	2.13	12.5	14.5	30.93
4	8	1986	Y	B10	600	0.21	0.16	0.11	26.5	26.5	26.5					146.2	106.11	7.95	2.05		0.	0.	0.	7.56	5.	15.	17.	60.15
4	8	1986	Y	B11	600	0.37	0.16	0.11	26.5	26.5	26.5					165.5	117.62	7.9	1.829		0.	0.	0.	6.69	5.	18.5	19.	75.61
4	8	1986	Y	B12	600	3.36	3.36	1.38	26.	26.	26.					71.41	63.06	7.75	0.977		0.	0.	0.	0.82	0.42	11.25	10.75	38.95
11	8	1986	Y	B01	600	0.32	0.21	0.	27.	27.	27.					108.65	97.35	8.05	1.735	0.02	0.002	0.	0.002	5.75	4.38	20.	20.	69.5
11	8	1986	Y	B02	600	1.6	1.38	0.53	26.	26.	26.					124.17	93.59	7.85	1.176	0.048	0.002	0.01	0.012	4.13	3.38	12.5	10.	0.
11	8	1986	Y	B03	600	0.53	0.32	0.	26.5	26.5	26.5					135.12	124.62	7.85	1.332	0.078	0.002	0.01	0.012	5.8	5.	12.75	12.5	0.
11	8	1986	Y	B04	600	0.53	0.21	0.	27.	27.	27.					185.34	162.66	7.85	1.492	0.068	0.002	0.	0.002	8.44	6.38	19.5	19.25	11.46
11	8	1986	Y	B05	600	0.21	0.	0.	27.	27.	27.					179.86	157.66	7.75	2.642	0.127	0.002	0.01	0.012	8.23	6.13	18.75	20.5	232.74
11	8	1986	Y	B06	600	0.21	0.	0.	27.	27.	27.					84.91	82.58	7.45	1.274	0.036	0.002	0.	0.002	2.83	2.13	20.	20.5	97.75
11	8	1986	Y	B07	600	2.13	2.13	1.6	26.5	26.	26.					109.56	110.61	7.85	1.074	0.029	0.002	0.	0.002	3.42	3.	21.	16.25	18.33
11	8	1986	Y	B08	600	2.66	2.13	0.53	26.	26.	26.					104.99	95.6	7.9	1.089	0.056	0.002	0.	0.002	3.45	3.	8.	7.	0.
11	8	1986	Y	B09	600	2.66	2.66	2.13	26.	26.	26.					121.43	95.59	7.95	0.65	0.025	0.002	0.	0.002	2.96	2.5	13.25	13.5	0.
11	8	1986	Y	B10	600	0.53	0.21	0.21	27.	27.	27.					144.25	110.11	7.85	1.243	0.055	0.002	0.	0.002	7.17	5.75	16.5	15.5	53.46
11	8	1986	Y	B11	600	0.53	0.53	0.21	27.	27.	27.					153.38	129.53	7.85	1.592	0.043	0.002	0.	0.002	6.84	5.13	14.5	15.5	54.41
11	8	1986	Y	B12	600	4.26	4.26	0.53	26.	26.	26.					66.65	68.57	7.85	0.689	0.04	0.002	0.	0.002	0.89	0.63	10.	11.	0.
18	8	1986	Y	B01	600	0.32	0.16	0.11	26.	26.	26.					105.45	103.6	8.15	1.244	0.088	0.002	0.052	0.054	5.23	4.12	19.5	19.	19.86
18	8	1986	Y	B02	600	2.34	2.13	2.02	25.5	25.5	25.5					123.26	111.61	8.	1.157	0.061	0.002	0.052	0.054	4.11	3.38	12.25	12.5	9.35
18	8	1986	Y	B03	600	0.21	0.16	0.11	26.5	26.5	26.5					141.09	123.62	7.85	1.967	0.051	0.002	0.	0.002	6.07	5.	18.5	18.	0.
18	8	1986	Y	B04	600	0.21	0.11	0.05	26.5	26.5	26.5					191.86	161.66	8.05	4.151	0.058	0.002	0.005	0.007	8.	6.38	21.	21.	25.77
18	8	1986	Y	B05	600	0.21	0.11	0.05	26.5	26.5	26.5					186.25	156.16	8.15	4.357	0.097	0.002	0.	0.002	8.06	5.38	18.	18.25	21.
18	8	1986	Y	B06	600	0.21	0.16	0.11	26.5	26.5	26.5					89.47	86.59	7.7	2.76	0.061	0.003	0.	0.003	3.01	2.13	19.	21.	20.24
18	8	1986	Y	B07	600	3.2	2.98	2.88	26.	26.	26.					114.13	111.61	7.95	1.686	0.085	0.002	0.	0.002	3.65	3.	14.	13.	9.74

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-O PHYLL A
18	8	1986	Y	B08	600	4.05	4.	3.94	25.5	25.5	25.5					103.63	99.6	7.95	1.515	0.054	0.002	0.	0.002	2.96	2.75	8.	7.5	0.
18	8	1986	Y	B09	600	2.93	2.93	2.93	26.	26.	26.					124.62	94.59	8.1	1.187	0.054	0.002	0.	0.002	2.52	1.75	14.	12.5	0.
18	8	1986	Y	B10	600	0.21	0.11	0.05	26.	26.	26.					151.56	121.62	7.95	2.005	0.061	0.002	0.	0.002	7.44	5.75	13.5	12.75	9.55
18	8	1986	Y	B11	600	0.21	0.11	0.05	26.5	26.5	26.5					163.88	124.37	8.	1.567	0.054	0.002	0.	0.002	7.28	5.5	15.	13.25	0.
18	8	1986	Y	B12	600	4.48	4.42	3.62	26.	26.	26.					65.28	68.07	8.15	1.407	0.033	0.002	0.	0.002	0.65	0.18	13.	13.5	9.55
25	8	1986	Y	B01	600	0.15	0.1	0.05	26.5	27.	27.					104.54		8.2	0.051	0.051	0.002	0.013	0.015	6.05	4.	11.5	11.5	332.02
25	8	1986	Y	B02	600	0.6	0.5	0.5	26.5	26.5	26.5					127.82		7.85	0.128	0.128	0.002	0.	0.002	4.31	3.38	15.	13.25	46.78
25	8	1986	Y	B03	600	0.1	0.1	0.	27.	27.	27.					147.		7.85	0.043	0.043	0.002	0.	0.002	6.41	4.88	17.5	16.	61.86
25	8	1986	Y	B04	600	0.1	0.05	0.	27.	27.	27.					199.03		7.9	0.061	0.061	0.002	0.	0.002	8.58	6.13	25.	24.75	146.63
25	8	1986	Y	B05	600	0.2	0.1	0.05	27.	27.	27.					184.43		8.	0.079	0.079	0.002	0.004	0.006	7.72	4.88	17.75	19.25	121.23
25	8	1986	Y	B06	600	0.3	0.2	0.1	26.5	26.5	27.					106.37		7.8	0.045	0.045	0.002	0.018	0.02	3.57	2.13	19.5	14.5	113.41
25	8	1986	Y	B07	600	2.3	2.05	1.7	26.5	26.5	27.					112.76		8.2	0.032	0.032	0.002	0.	0.002	3.68	2.75	12.	14.5	100.81
25	8	1986	Y	B08	600	3.1	3.	0.2	26.	26.	26.					109.1		8.	0.023	0.023	0.002	0.	0.002	3.71	3.	10.25	10.	54.99
25	8	1986	Y	B09	600	1.6	1.6	1.2	26.5	26.5	27.					118.69		8.05	0.027	0.027	0.002	0.	0.002	1.84	1.	12.	11.	62.81
25	8	1986	Y	B10	600	0.1	0.05	0.05	27.	27.	27.					153.61		7.9	0.045	0.045	0.002	0.	0.002	7.41	5.38	15.	16.5	64.15
25	8	1986	Y	B11	600	0.1	0.05	0.05	27.	27.	27.					178.73		7.95	0.047	0.047	0.002	0.	0.002	7.75	5.5	13.	14.	42.96
25	8	1986	Y	B12	600	3.1	2.95	2.2	26.5	26.5	26.5					68.02		7.85	0.023	0.023	0.002	0.	0.002	0.48	0.28	13.	11.5	28.07
1	9	1986	Y	B01	600	0.05	0.05	0.	26.5	26.5	26.5					115.49	114.04	7.8	4.067	0.085	0.002	0.008	0.01	6.72	4.5	27.5	28.	87.83
1	9	1986	Y	B02	600	0.2	0.15	0.1	26.5	26.5	26.5					131.02	120.87	7.85	1.753	0.096	0.	0.01	0.01	3.57	3.38	12.	12.	58.42
1	9	1986	Y	B03	600	0.05	0.05	0.	27.	27.	27.					152.	140.31	8.	3.856	0.092	0.	0.01	0.01	6.5	4.75	21.3	21.	42.96
1	9	1986	Y	B04	600	0.1	0.05	0.05	27.	27.	27.					202.69	178.93	8.2	5.122	0.095	0.	0.015	0.015	7.53	5.	19.	20.	247.44
1	9	1986	Y	B05	600	0.1	0.05	0.	27.	27.	27.					201.32	189.71	8.15	5.926	0.132	0.	0.01	0.01	8.32	5.38	16.	17.	125.63
1	9	1986	Y	B06	600	0.15	0.05	0.05	27.	27.	27.					83.08	81.46	7.85	3.62	0.045	0.	0.01	0.01	2.57	1.75	24.5	23.	161.52
1	9	1986	Y	B07	600	1.65	1.4	1.3	26.5	26.5	26.5					122.34	132.43	8.4	3.258	0.086	0.	0.015	0.015	4.29	2.75	14.5	11.5	62.66
1	9	1986	Y	B08	600	2.25	2.1	2.05	26.5	26.5	26.5					110.02	111.41	8.05	2.503	0.082	0.	0.	0.	3.65	3.	12.	12.5	35.13
1	9	1986	Y	B09	600	0.95	0.9	0.85	26.5	26.5	26.5					125.54	111.94	7.95	2.348	0.058	0.	0.	0.	1.52	0.63	12.5	12.5	0.
1	9	1986	Y	B10	600	0.05	0.	0.	27.	27.	27.					160.23	115.09	8.	4.015	0.077	0.002	0.008	0.01	7.41	5.75	16.3	16.	61.48
1	9	1986	Y	B11	600	0.2	0.05	0.05	27.	27.	27.					175.3	142.94	8.05	4.387	0.064	0.	0.01	0.01	7.74	5.38	15.	16.	116.66
1	9	1986	Y	B12	600	2.45	2.4	2.4	26.5	26.5	26.5					64.82	71.47	7.75	2.091	0.025	0.	0.01	0.01	0.67	0.43	12.5	12.5	43.91
8	9	1986	Y	B01	600	0.5	0.5	0.3	26.5	26.5	26.5					126.08	108.26	7.9	2.157	0.039	0.003	0.	0.003	5.41	3.88	22.	22.	199.52
8	9	1986	Y	B02	600	0.5	0.3	0.	26.5	26.	26.					142.33	109.31	8.2	1.587	0.024	0.002	0.	0.002	4.13	3.25	13.3	14.	108.83
8	9	1986	Y	B03	600	0.3	0.3	0.	26.5	26.	26.					165.	132.43	7.9	2.056	0.022	0.002	0.	0.002	6.18	4.75	15.3	14.	85.92
8	9	1986	Y	B04	600	0.3	0.2	0.	26.5	26.5	27.					233.	179.46	8.15	3.29	0.062	0.002	0.	0.002	6.87	3.13	22.	24.	247.44
8	9	1986	Y	B05	600	0.5	0.5	0.3	26.5	26.5	26.5					217.19	163.96	8.25	3.182	0.05	0.002	0.	0.002	3.88	4.38	15.8	15.5	146.63
8	9	1986	Y	B06	600	0.3	0.2	0.	26.5	27.	27.					94.06	83.56	7.85	1.881	0.041	0.002	0.	0.002	2.51	1.63	18.	21.	196.47
8	9	1986	Y	B07	600	1.3	1.	1.	26.5	26.5	26.5					132.	109.31	7.95	1.662	0.012	0.002	0.004	0.006	4.12	3.13	17.	17.3	121.43
8	9	1986	Y	B08	600	1.5	1.	1.	26.5	26.5	26.5					126.08	101.95	7.95	1.561	0.004	0.002	0.	0.002	3.42	3.	10.	10.	8.97
8	9	1986	Y	B09	600	1.	1.	1.	26.5	26.5	26.					138.87	91.97	8.	1.331	0.022	0.002	0.008	0.01	1.06	0.51	11.3	12.	0.
8	9	1986	Y	B10	600	0.3	0.3	0.	26.	26.	26.					170.41	116.41	8.05	1.634	0.044	0.002	0.	0.002	6.64	5.38	21.8	22.	113.41
8	9	1986	Y	B11	600	0.3	0.3	0.	26.5	26.5	26.5					196.51	135.06	8.	2.756	0.066	0.002	0.	0.002	7.47	5.88	16.	16.3	92.6
8	9	1986	Y	B12	600	3.	3.	2.5	26.5	26.5	26.5					68.95	67.27	7.9	1.224	0.027	0.002	0.	0.002	0.73	0.58	13.5	13.5	27.49
16	9	1986	Y	B01	600	0.1	0.05	0.	25.5	25.5	25.5					118.69	106.68	7.85	2.445	0.034	0.002	0.043	0.045	5.53	4.13	15.	15.75	268.06
16	9	1986	Y	B02	600	0.45	0.4	0.35	25.	25.	25.					142.33	124.28	7.9	1.86	0.033	0.001	0.043	0.044	4.2	3.38	9.25	9.5	125.06
16	9	1986	Y	B03	600	0.15	0.05	0.	25.5	25.5	25.5					164.5	131.38	7.8	2.293	0.039	0.002	0.058	0.06	5.83	5.	14.5	14.5	82.48

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
16	9	1986	Y	B04	600	0.2	0.1	0.05	25.5	25.5	25.5					235.9	190.76	8.15	2.397	0.041	0.002	0.038	0.04	6.79	5.38	27.	26.	168.4
16	9	1986	Y	B05	600	0.05	0.	0.	25.5	25.5	25.5					228.03	195.49	8.05	2.842	0.067	0.002	0.043	0.045	8.03	5.38	17.5	17.25	137.47
16	9	1986	Y	B06	600	0.15	0.1	0.05	25.5	25.5	25.5					70.92	83.56	7.1	2.25	0.011	0.002	0.038	0.04	2.21	1.63	19.	18.	95.46
16	9	1986	Y	B07	600	2.7	2.55	2.45	25.	25.	25.					132.98	123.5	7.9	1.991	0.029	0.002	0.038	0.04	3.54	3.	15.	13.	59.57
16	9	1986	Y	B08	600	3.25	3.2	3.2	25.	25.	25.					118.2	94.07	7.95	1.546	0.017	0.002	0.033	0.035	2.99	4.	8.5	9.	45.82
16	9	1986	Y	B09	600	2.65	2.65	2.65	25.5	25.5	25.5					138.39	105.63	7.9	1.506	0.067	0.002	0.048	0.05	1.5	1.75	10.75	11.5	26.92
16	9	1986	Y	B10	600	0.45	0.4	0.35	25.5	25.5	25.5					165.	129.28	7.95	1.833	0.022	0.002	0.043	0.045	6.45	5.75	15.25	15.	57.28
16	9	1986	Y	B11	600	0.2	0.2	0.15	25.5	25.5	25.5					183.21	138.21	8.	2.379	0.046	0.002	0.048	0.05	6.81	5.38	15.	15.	87.64
16	9	1986	Y	B12	600	3.45	3.4	3.4	25.5	25.5	25.5					73.87	71.47	7.8	1.187	0.012	0.002	0.043	0.045	0.39	0.63	11.5	11.	46.78
22	9	1986	Y	B01	600	0.2	0.15	0.05	25.5	25.5	25.5					127.56	121.4	7.85	2.749	0.067	0.002	0.028	0.03	6.13	4.94	16.	16.	149.31
22	9	1986	Y	B02	600	0.15	0.15	0.1	25.	25.	25.					145.33	119.29	7.85	2.195	0.052	0.	0.	0.	4.31	3.75	12.5	12.	0.
22	9	1986	Y	B03	600	0.2	0.1	0.05	25.5	25.5	25.5					167.45	144.52	7.9	3.069	0.074	0.002	0.013	0.015	6.53	5.	11.75	11.5	190.93
22	9	1986	Y	B04	600	0.1	0.1	0.	26.	26.	26.					214.33	188.14	8.1	3.144	0.064	0.002	0.	0.002	6.56	4.5	17.	17.25	201.65
22	9	1986	Y	B05	600	0.15	0.1	0.05	26.	26.	26.					227.04	182.88	7.95	4.005	0.086	0.002	0.008	0.01	8.77	6.12	16.	14.5	175.65
22	9	1986	Y	B06	600	0.4	0.2	0.1	25.5	26.	26.					95.53	104.5	7.7	2.192	0.035	0.	0.	0.	2.59	2.	15.5	15.25	210.02
22	9	1986	Y	B07	600	1.6	1.6	1.4	25.5	25.5	25.5					131.	117.45	7.95	1.746	0.032	0.	0.	0.	4.03	3.38	14.	13.	58.13
22	9	1986	Y	B08	600	2.25	2.1	2.1	25.	25.	25.					121.16	101.43	8.05	1.619	0.032	0.	0.	0.	2.59	3.	9.5	11.	8.78
22	9	1986	Y	B09	600	1.85	1.8	1.7	25.	25.	25.					140.36	103.	8.	1.535	0.021	0.	0.	0.	2.01	2.	14.	11.5	45.82
22	9	1986	Y	B10	600	0.2	0.1	0.05	26.	26.	26.					172.38	125.07	7.95	2.27	0.037	0.002	0.018	0.02	4.89	5.88	16.5	16.5	80.76
22	9	1986	Y	B11	600	0.2	0.1	0.05	26.	26.	26.					192.08	150.3	8.1	2.599	0.044	0.002	0.	0.002	7.25	5.5	12.	10.	91.66
22	9	1986	Y	B12	600	2.7	2.7	2.6	25.5	25.5	25.5					82.25	77.78	7.85	1.344	0.015	0.002	0.003	0.005	0.98	0.64	10.5	9.75	35.13
29	9	1986	Y	B01	600	0.05	0.05	0.	27.5	27.5	27.5					134.22	141.89	7.6	2.156	0.014	0.002	0.023	0.025	5.38	7.13	20.	21.	87.83
29	9	1986	Y	B02	600	0.3	0.3	0.1	26.5	26.5	26.5					143.81	127.18	7.9	2.175	0.032	0.002	0.	0.002	3.38	3.42	16.5	17.	87.83
29	9	1986	Y	B03	600	0.1	0.1	0.05	26.5	26.5	26.5					160.61	148.2	8.25	2.751	0.045	0.002	0.	0.002	3.38	4.74	9.	11.	514.55
29	9	1986	Y	B04	600	0.2	0.2	0.05	27.	27.	27.					244.77	200.75	8.25	2.766	0.061	0.002	0.013	0.015	4.	6.69	20.	19.5	391.4
29	9	1986	Y	B05	600	0.2	0.2	0.1	27.	27.	27.					234.43	195.49	8.	2.966	0.089	0.002	0.	0.002	5.38	8.65	17.	17.	299.38
29	9	1986	Y	B06	600	0.1	0.1	0.05	27.5	27.5	27.5					102.44	116.14	7.75	2.195	0.024	0.002	0.003	0.005	1.75	2.96	27.	26.	262.91
29	9	1986	Y	B07	600	2.5	2.5	2.1	26.5	26.5	26.5					134.	130.33	8.25	1.869	0.037	0.002	0.	0.002	2.75	3.6	17.5	19.	96.61
29	9	1986	Y	B08	600	1.25	1.25	1.15	26.5	26.5	26.5					122.14	96.7	7.9	1.236	0.003	0.002	0.003	0.005	3.	3.38	13.3	12.8	4.87
29	9	1986	Y	B09	600	1.5	1.5	1.35	27.	27.	27.					105.89	135.32	7.95	1.269	0.015	0.002	0.	0.002	1.75	2.6	13.8	15.3	36.66
29	9	1986	Y	B10	600	0.1	0.1	0.05	27.	27.	27.					179.76	118.24	7.75	1.923	0.015	0.002	0.005	0.007	5.38	6.96	18.5	17.	76.37
29	9	1986	Y	B11	600	0.15	0.15	0.05	26.5	26.5	26.5					195.03	135.06	8.05	2.063	0.042	0.002	0.003	0.005	5.	7.02	15.3	16.	94.51
29	9	1986	Y	B12	600	1.8	1.8	1.75	26.5	26.5	26.5					77.82	67.79	7.75	1.255	0.012	0.002	0.	0.002	0.65	0.52	13.	14.	36.66
6	10	1986	Y	B01	600	0.3	0.2	0.	25.	25.	25.5					141.8	123.5	7.85	2.841	0.047	0.0015	0.0035	0.005	5.68	4.75	19.	18.5	189.02
6	10	1986	Y	B02	600	0.3	0.3	0.3	25.	25.	25.					148.24	116.67	8.1	1.575	0.029	0.0015	0.0055	0.007	4.51	3.38	13.	15.25	96.61
6	10	1986	Y	B03	600	0.5	0.3	0.3	25.	25.	25.					170.9	143.47	8.2	3.484	0.063	0.0015	0.0035	0.005	5.14	3.63	11.5	9.75	411.37
6	10	1986	Y	B04	600	0.5	0.4	0.4	25.	25.	25.					249.7	202.33	8.25	3.4	0.056	0.0015	0.	0.0015	5.7	3.75	14.	20.25	403.09
6	10	1986	Y	B05	600	0.5	0.5	0.3	25.	25.	25.					243.79	193.92	8.05	4.417	0.075	0.0015	0.	0.0015	8.33	5.5	16.5	19.25	208.49
6	10	1986	Y	B06	600	1.	0.7	0.5	25.5	25.	25.					99.49	122.97	7.95	2.374	0.055	0.0015	0.0035	0.005	2.95	1.75	16.25	18.5	414.31
6	10	1986	Y	B07	600	2.5	2.	2.	25.	25.	25.					138.39	127.7	8.65	1.931	0.018	0.0015	0.0035	0.005	3.48	2.5	17.5	19.5	77.33
6	10	1986	Y	B08	600	1.5	1.3	1.	25.	25.	25.					126.57	100.9	7.85	1.326	0.033	0.0015	0.0035	0.005	3.45	3.	13.25	13.25	55.37
6	10	1986	Y	B09	600	0.7	0.7	0.5	25.	25.	25.					145.78	115.61	7.85	1.523	0.065	0.0015	0.0055	0.007	2.52	1.75	14.	14.	0.
6	10	1986	Y	B10	600	0.3	0.2	0.	25.	25.	25.					184.69	121.4	7.95	2.06	0.034	0.0015	0.0055	0.007	7.14	5.5	19.	19.	164.96
6	10	1986	Y	B11	600	0.2	0.2	0.	24.5	24.5	24.5					194.54	136.11	8.25	2.824	0.048	0.0015	0.	0.0015	7.38	4.75	19.75	19.75	164.2

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

DAY	MO.	YEAR	EXTRA DATA?	POND#	DO TIME	DO @ TOP	DO @ MID	DO @ BOTTOM	WATER TEMP @ TOP	WATER TEMP @ MID	WATER TEMP @ BOTTOM	WATER TEMP @ TOP-MAX	WATER TEMP @ BOT-MAX	WATER TEMP @ TOP-MIN	WATER TEMP @ BOT-MIN	ALKA.	HARD.	pH	KJELDAHL N	NH3-N	NO2-N	NO3-N	TOTAL NO2 & NO3-N	TOTAL P	ORTHO PO4-P	SECHI DISK A	SECHI DISK B	CHLOR-OPHYLL A	C O
6	10	1986	Y	B12	600	2.	2.	1.8	25.	25.	25.					87.67	84.61	7.75	1.131	0.025	0.0015	0.0035	0.005	1.05	0.75	15.5	15.75	25.77	
13	10	1986	Y	B01	600	0.95	0.4	0.2	25.5	25.5	25.5					130.51	124.02	7.95	3.554	0.047	0.0025	0.0035	0.006	5.14	4.13	12.25	13.5	219.57	
13	10	1986	Y	B02	600	0.2	0.2	0.1	25.5	25.5	25.5					155.14	110.89	8.	1.76	0.048	0.0015	0.0055	0.007	4.37	3.38	12.25	14.	95.46	
13	10	1986	Y	B03	600	0.3	0.25	0.1	26.	26.	26.					170.9	152.93	8.1	2.131	0.062	0.0015	0.0035	0.005	5.75	4.	26.5	23.	111.2	
13	10	1986	Y	B04	600	0.1	0.1	0.05	26.	26.	26.					270.86	217.04	8.05	3.889	0.064	0.0015	0.	0.0015	7.42	5.	20.	21.5	264.63	
13	10	1986	Y	B05	600	0.2	0.1	0.05	26.	26.	26.					236.4	213.89	8.	0.025	0.025	0.0015	0.	0.0015	7.64	5.	17.25	15.25	269.44	
13	10	1986	Y	B06	600	0.1	0.1	0.05	26.	26.	26.					113.28	135.06	7.65	2.602	0.02	0.0015	0.0035	0.005	2.89	2.5	18.5	14.5	543.96	
13	10	1986	Y	B07	600	1.25	1.2	1.	26.	26.	26.					148.74	115.62	7.95	1.729	0.037	0.0015	0.0035	0.005	4.64	3.38	25.25	26.75	67.21	
13	10	1986	Y	B08	600	1.95	1.8	1.65	25.5	25.5	25.5					136.42	120.87	7.95	1.313	0.048	0.0015	0.0035	0.005	2.5	3.13	11.75	13.	38.95	
13	10	1986	Y	B09	600	1.25	1.15	1.05	25.5	25.5	25.5					154.65	102.48	7.9	1.393	0.043	0.0015	0.0055	0.007	3.19	2.5	13.75	13.75	51.55	
13	10	1986	Y	B10	600	0.35	0.3	0.2	26.	26.	26.					194.05	126.13	8.05	1.969	0.056	0.0015	0.0055	0.007	6.32	5.38	18.	22.25	99.95	
13	10	1986	Y	B11	600	0.45	0.25	0.1	26.	26.	26.					198.97	143.99	8.15	2.409	0.085	0.	0.	0.	6.67	5.	17.	16.75	152.36	
13	10	1986	Y	B12	600	2.15	2.1	1.95	25.5	25.5	25.5					76.83	76.2	7.7	1.064	0.019	0.0015	0.0035	0.005	0.98	0.725	10.25	11.	35.13	
20	10	1986	Y	B01	600	0.1	0.1	0.05	23.	23.	23.					140.85	155.55	7.75	2.576	0.076	0.0015	0.	0.0015	4.8	4.5	12.25	11.75		
20	10	1986	Y	B02	600	0.4	0.35	0.2	23.	23.	23.					169.42	136.63	7.85	1.908	0.033	0.0015	0.0135	0.015	4.8	3.75	12.	12.25		
20	10	1986	Y	B03	600	0.2	0.1	0.05	23.	23.5	23.5					188.14	168.16	7.95	2.027	0.055	0.0015	0.0105	0.012	6.48	4.75	16.5	16.25		
20	10	1986	Y	B04	600	0.3	0.1	0.05	23.5	23.5	23.5					275.8	224.92	7.95	2.942	0.076	0.0025	0.0045	0.007	8.48	5.62	16.5	20.		
20	10	1986	Y	B05	600	0.2	0.1	0.05	23.5	23.5	23.5					257.09	209.15	7.95	3.921	0.002	0.0015	5.E-4	0.002	8.35	5.38	16.5	17.		
20	10	1986	Y	B06	600	0.3	0.2	0.1	23.5	23.5	23.5					108.35	142.41	7.65	2.648	0.005	0.0015	5.E-4	0.002	3.57	2.13	13.	11.		
20	10	1986	Y	B07	600	2.1	2.	1.9	23.	23.	23.					148.24	160.81	7.85	1.933	0.035	0.0015	0.	0.0015	4.25	3.63	13.5	13.5		
20	10	1986	Y	B08	600	3.2	3.1	3.	23.	23.	23.					132.98	105.1	8.	1.806	0.053	0.0025	0.0045	0.007	3.6	3.	9.5	11.25		
20	10	1986	Y	B09	600	2.4	2.3	2.2	23.	23.	23.5					153.66	136.11	7.95	1.665	0.057	0.0025	0.	0.0025	3.04	2.5	12.	11.		
20	10	1986	Y	B10	600	1.	0.9	0.9	23.5	23.5	23.5					206.85	139.78	8.05	2.729	0.038	0.0015	0.	0.0015	7.72	5.75	13.25	13.		
20	10	1986	Y	B11	600	0.2	0.1	0.05	23.5	24.	24.					217.19	157.65	8.	2.604	0.065	0.0015	0.	0.0015	7.41	5.75	15.5	13.5		
20	10	1986	Y	B12	600	3.2	3.1	3.	23.5	23.5	23.5					91.11	87.23	7.75	0.968	0.05	0.0025	0.	0.0025	1.9	1.75	9.25	9.5		
27	10	1986	Y	B01	600	0.15	0.1	0.05	26.5	26.5	26.5					141.35	137.16	7.8	3.555	0.058	0.0015	0.0035	0.005	6.28	4.5	12.5	12.5	0.	
27	10	1986	Y	B02	600	0.05	0.05	0.05	26.5	26.5	26.5					169.91	125.6	7.9	2.218	0.029	0.0015	0.0047	0.0062	4.7	3.75	20.25	20.	0.	
27	10	1986	Y	B03	600	0.1	0.05	0.05	26.5	26.5	26.5					181.24	149.25	8.2	2.349	0.046	0.0015	0.	0.0015	5.28	4.	16.75	14.5	0.	
27	10	1986	Y	B04	600	0.1	0.05	0.05	27.	27.	27.					286.63	249.1	8.15	4.684	0.074	0.0015	0.0035	0.005	7.44	4.75	17.75	20.	124.1	
27	10	1986	Y	B05	600	0.1	0.05	0.05	26.5	26.5	26.5					252.16	199.7	8.25	3.529	0.07	0.0015	0.	0.0015	7.5	4.13	14.	12.25	287.92	
27	10	1986	Y	B06	600	0.1	0.1	0.1	27.	27.	27.					113.27	142.94	7.85	3.44	0.023	0.0015	0.0035	0.005	3.73	4.13	13.25	16.	876.74	
27	10	1986	Y	B07	600	1.1	1.1	1.05	27.	27.	27.					152.18	128.75	7.9	1.78	0.019	0.0015	0.006	0.0075	4.66	3.75	24.25	22.	77.52	
27	10	1986	Y	B08	600	2.25	2.15	2.05	26.	26.	26.					145.29	109.83	8.05	1.236	0.011	0.0015	0.0035	0.005	3.48	3.	11.5	11.5	45.53	
27	10	1986	Y	B09	600	1.25	1.3	1.2	26.5	26.5	26.5					158.58	115.09	8.	1.466	0.03	0.0015	0.0085	0.01	3.01	2.38	12.75	12.5	43.53	
27	10	1986	Y	B10	600	0.1	0.1	0.05	26.5	26.5	26.5					204.39	126.13	8.05	2.439	0.019	0.0015	0.0135	0.015	6.43	5.38	19.5	16.5	76.37	
27	10	1986	Y	B11	600	0.1	0.05	0.05	26.5	26.5	26.5					217.19	129.8	8.05	3.991	0.04	0.0015	0.0035	0.005	6.46	5.	12.	12.25	257.75	
27	10	1986	Y	B12	600	2.3	2.3	1.7	26.5	26.5	26.5					90.13	77.	7.85	0.894	0.007	0.0015	0.0035	0.005	2.11	1.65	10.5	10.	45.82	
3	11	1986	Y	B01	600	0.5	0.5	0.	24.5	24.5	24.5					137.9	130.33	7.85	2.615	0.005	0.0015	0.	0.0015	6.07	4.5	16.25	15.5	217.49	
3	11	1986	Y	B02	600	2.5	2.5	2.	24.5	24.5	24.5					155.63	125.07	8.15	1.679	0.023	0.0055	0.035	0.0405	4.65	3.63	9.	9.25	94.73	
3	11	1986	Y	B03	600	0.05	0.5	0.5	24.5	24.5	24.5					177.79	143.47	8.2	2.265	0.055	0.0015	0.004	0.0055	5.85	4.13	10.	10.5	252.62	
3	11	1986	Y	B04	600	0.05	0.2	0.	24.5	24.5	24.5					257.58	201.8	8.35	3.656	0.057	0.0015	0.006	0.0075	5.8	3.75	16.25	16.		
3	11	1986	Y	B05	600	0.2	0.2	0.	24.5	24.5	24.5					237.87	192.34	8.15	2.741	0.079	0.0015	0.011	0.0125	8.51	4.5	11.5	11.5	301.1	
3	11	1986	Y	B06	600	0.8	0.5	0.2	24.5	24.5	25.					105.4	105.65	7.85	2.524	0.035	0.0015	0.	0.0015	3.87	2.5	15.75	17.5	498.92	
3	11	1986	Y	B07	600	5.4	5.2	5.	24.5	24.5	24.5					145.78	144.25	8.75	2.028	0.012	0.0015	0.	0.0015	3.57	2.5	23.	24.5	88.81	

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
3	11	1986	Y	B08	600	4.	4.	3.	24.	24.	23.5					134.95	118.24	8.15	1.63	0.021	0.004	0.029	0.033	3.54	3.38	9.	10.	62.17
3	11	1986	Y	B09	600	2.	2.	1.5	24.5	24.5	24.5					146.77	127.7	8.	1.63	0.087	0.0067	0.053	0.0597	2.57	2.5	9.5	9.	47.37
3	11	1986	Y	B10	600	2.	1.8	1.	24.5	24.5	24.5					167.94	124.55	8.05	1.881	0.01	0.0015	0.006	0.0075	6.67	5.38	10.	10.	122.36
3	11	1986	Y	B11	600	0.5	0.5	0.2	24.5	24.5	24.5					216.94	159.23	8.2	3.237	0.015	0.0015	0.014	0.0155	6.45	5.	12.	12.25	501.68
3	11	1986	Y	B12	600	3.5	3.5	0.8	24.	24.	24.					78.31	77.25	8.	1.304	0.029	0.0015	0.004	0.0055	1.98	1.35	10.	10.5	71.04

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
5	2	1987		B01												42.86	25.53	7.95	0.543	0.073	0.03	0.16	0.19	0.23	0.11	48.	53.5	34.48
5	2	1987		B02												55.1	37.54	8.55	0.498	0.038	0.	0.	0.	0.259	0.16	76.	76.	13.36
5	2	1987		B03												38.78	28.03	8.05	0.26	0.08	0.03	0.25	0.28	0.288	0.18	55.5	63.	0.
5	2	1987		B04												60.71	41.04	9.25	0.359	0.039	0.09	0.02	0.11	0.634	0.39	70.5	71.	36.35
5	2	1987		B05												61.73	39.04	9.7	0.733	0.073	0.	0.	0.	0.571	0.28	64.	63.	0.
5	2	1987		B06												47.96	33.53	9.	0.556	0.036	0.	0.	0.	0.232	0.082	73.5	93.5	0.
5	2	1987		B07												50.	34.03	8.45	0.739	0.039	0.	0.	0.	0.442	0.29	76.	76.	0.
5	2	1987		B08												41.58	40.04	8.4	0.375	0.005	0.	0.	0.	0.278	0.18	76.	76.	0.
5	2	1987		B09												47.45	23.52	8.6	0.533	0.003	0.	0.	0.	0.259	0.12	76.	76.	0.
5	2	1987		B10												58.67	42.04	8.35	0.553	0.003	0.	0.	0.	0.403	0.24	88.	88.	0.
5	2	1987		B11												38.78	28.03	8.4	0.49	0.	0.02	0.04	0.06	0.297	0.18	38.	41.5	16.04
5	2	1987		B12												40.82	25.02	8.55	0.502	0.002	0.	0.	0.	0.163	0.07	76.	76.	0.
9	2	1987		B01	600	6.75	6.75	6.75	17.5	17.5	17.5					45.9	42.56	8.2	0.73	0.	0.	0.	0.	0.39	0.25	33.	34.	31.31
9	2	1987		B02	600	5.6	5.55	5.55	17.5	17.5	17.5					68.34	53.07	7.9	0.578	0.198	0.01	0.02	0.03	1.7	0.48	46.5	44.5	0.
9	2	1987		B03	600	6.65	6.65	6.6	18.	18.	18.					56.61	44.14	8.7	0.82	0.09	0.	0.	0.	0.49	0.35	66.5	66.	30.55
9	2	1987		B04	600	2.15	2.1	1.95	18.5	18.5	18.5					83.13	69.89	7.65	0.883	0.403	0.	0.01	0.01	3.75	1.23	76.	76.	0.
9	2	1987		B05	600	4.85	4.7	4.5	18.5	18.5	18.5					69.87	53.07	8.6	0.517	0.197	0.01	0.	0.01	3.3	1.15	76.	76.	0.
9	2	1987		B06	600	6.15	6.05	5.95	18.5	18.5	18.5					56.1	43.09	8.1	0.54	0.19	0.01	0.02	0.03	2.25	0.26	77.5	78.	7.64
9	2	1987		B07	600	6.05	6.	5.95	17.5	17.5	17.5					62.22	46.24	7.8	0.28	0.	0.01	0.01	0.02	0.48	0.71	55.5	54.	8.21
9	2	1987		B08	600	4.8	4.8	4.75	18.	18.	18.					47.94	44.14	7.65	0.879	0.159	0.01	0.03	0.04	2.3	0.65	67.	71.5	0.
9	2	1987		B09	600	4.45	4.3	4.25	18.	18.	18.					100.72	57.28	7.65	0.208	0.208	0.02	0.03	0.05	2.2	0.62	65.	0.	0.
9	2	1987		B10	600	4.9	4.9	4.45	18.	18.	18.					78.54	63.58	7.8	0.264	0.264	0.03	0.02	0.05	2.2	0.65	45.	46.5	0.
9	2	1987		B11	600	6.2	6.15	6.1	18.5	18.5	18.5					66.81	45.72	8.2	0.006	0.006	0.	0.	0.	2.	0.48	42.	40.	0.
9	2	1987		B12	600	6.05	5.95	5.9	18.5	18.5	18.5					47.94	33.16	7.85	0.15	0.07	0.01	0.	0.01	1.2	0.18	80.5	83.5	0.
16	2	1987		B01	600	2.4	2.3	2.3	22.	22.	22.					90.82	75.67	7.55	0.843	0.033	0.001	0.01	0.011	1.55	1.54	32.5	32.5	
16	2	1987		B02	600	5.1	5.	5.05	22.	22.	22.					87.72	69.89	8.1	0.634	0.013	0.001	0.	0.001	1.6	1.05	19.	16.8	
16	2	1987		B03	600	4.5	4.35	4.2	22.	22.	22.					96.9	77.77	7.85	0.682	0.021	0.003	0.	0.003	1.1	1.44	38.	40.5	
16	2	1987		B04	600	2.45	2.3	2.2	22.5	22.5	22.5					116.79	100.37	7.85	0.943	0.289	0.006	0.	0.006	1.35	4.6	36.8	36.	
16	2	1987		B05	600	4.7	4.6	4.5	22.5	22.5	22.5					93.84	80.93	8.4	0.614	0.026	0.003	0.	0.003	4.	2.5	50.5	47.5	
16	2	1987		B06	600	6.1	6.05	6.	22.	22.	22.					66.3	48.87	8.25	0.558	0.028	0.003	0.003	0.006	2.	0.52	33.	35.	
16	2	1987		B07	600	4.9	4.7	4.7	22.	22.	22.					72.42	58.59	7.95	0.763	0.032	0.001	0.	0.001	0.5	1.35	24.5	26.	
16	2	1987		B08	600	1.7	1.6	1.5	22.5	22.5	22.5					85.68	86.71	7.5	0.698	0.016	0.001	0.004	0.005	1.3	2.8	36.	34.5	
16	2	1987		B09	600	2.2	2.1	2.	22.5	22.5	22.5					109.14	79.88	7.6	0.756	0.028	0.001	0.0035	0.0022	2.55	2.6	44.	48.	
16	2	1987		B10	600	5.3	5.2	5.2	22.	22.	22.					100.72	82.5	7.95	0.772	0.153	0.041	0.014	0.028	2.35	1.45	19.	19.	
16	2	1987		B11	600	3.8	3.7	3.4	22.	22.	22.					102.51	85.13	7.95	0.772	0.029	0.001	0.003	0.004	1.45	2.	27.5	24.5	
16	2	1987		B12	600	6.	5.9	5.75	22.	22.	22.					58.65	41.51	7.8	0.595	0.004	0.001	0.007	0.008	2.15	0.38	26.	27.5	
23	2	1987		B01	600	1.	1.	0.9	24.	24.	24.					100.	84.08	7.7	0.54	0.025	0.	0.006	0.006	5.8	3.93	18.	19.5	
23	2	1987		B02	600	3.55	3.55	3.55	24.	24.	24.					94.64	77.77	7.85	0.669	0.111	0.	0.006	0.006	2.45	1.95	14.5	12.	
23	2	1987		B03	600	1.65	1.65	1.55	24.5	24.5	24.5					111.22	93.01	7.9	0.8955	0.0995	0.001	0.009	0.01	4.92	3.78	20.	21.	
23	2	1987		B04	600	0.15	0.1	0.1	25.	25.	25.					149.49	114.56	7.85	0.8307	0.0197	0.001	0.017	0.018	10.75	6.4	32.	32.	
23	2	1987		B05	600	3.45	3.45	3.45	25.	25.	25.					109.18	88.81	7.9	0.7545	0.0035	0.001	0.	0.001	6.	3.15	27.5	26.5	
23	2	1987		B06	600	4.75	4.75	4.75	25.	25.	25.					68.37	53.6	8.05	0.4162	2.E-4	0.001	0.006	0.007	1.45	1.13	23.2	26.2	
23	2	1987		B07	600	3.25	3.25	3.25	24.	24.	24.					85.71	71.47	7.75	0.6101	0.0081	0.001	0.018	0.019	3.9	5.7	16.	15.5	

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

DAY	NO.	YEAR	EXTRA DATA?	POND#	DO TIME	DO @ TOP	DO @ MID	DO @ BOTTOM	WATER TEMP @ TOP	WATER TEMP @ MID	WATER TEMP @ BOTTOM	WATER TEMP @ TOP-MAX	WATER TEMP @ BOT-MAX	WATER TEMP @ TOP-MIN	WATER TEMP @ BOT-MIN	ALKA.	HARD.	pH	KJELDAHL N	NH3-N	NO2-N	NO3-N	TOTAL NO2 & NO3-N	TOTAL P	ORTHO PO4-P	SECHII DISK A	SECHII DISK B
23	2	1987		B08	600	0.2	0.2	0.2	24.5	24.5	24.5					114.28	95.11	7.5	0.8857	0.1157	0.001	0.026	0.027	7.8	5.7	27.5	27.5
23	2	1987		B09	600	0.4	0.35	0.35	25.	25.	25.					129.6	102.47	7.55	0.7626	0.0076	0.001	0.024	0.025	6.75	5.35	30.	29.
23	2	1987		B10	600	2.65	2.65	2.65	25.	25.	25.					118.37	94.32	7.75	0.6065	0.0275	0.003	0.019	0.022	3.88	3.28	16.5	19.5
23	2	1987		B11	600	0.6	0.6	0.6	24.5	25.	25.					125.5	104.57	7.75	0.7699	0.0059	0.001	0.017	0.018	5.75	4.7	21.	20.
23	2	1987		B12	600	4.2	4.2	4.2	25.	25.	25.					65.31	51.5	7.7	0.533	0.	0.001	0.009	0.01	0.95	1.02	21.8	20.
2	3	1987		B01	600	0.3	0.3	0.	25.	25.	25.					110.2	93.01	7.5	0.896	0.058	0.	0.016	0.16	4.05	2.32	21.5	20.8
2	3	1987		B02	600	3.	3.	0.2	25.	25.	25.					104.08	83.55	7.65	0.726	0.082	0.	0.013	0.13	1.93	1.16	14.5	12.8
2	3	1987		B03	600	0.8	0.5	0.3	24.5	24.5	25.					122.45	99.32	7.65	0.996	0.027	0.	0.01	0.01	3.55	2.15	24.	23.
2	3	1987		B04	600	0.3	0.	0.	25.	25.	25.					158.16	126.64	7.65	0.934	0.114	0.0029	0.013	0.015	7.68	5.35	31.5	33.
2	3	1987		B05	600	2.8	2.5	2.	25.	25.	25.					132.14	96.17	7.9	0.6325	0.0315	0.	0.009	0.009	4.18	2.68	27.5	25.2
2	3	1987		B06	600	4.	4.	3.8	25.	25.	25.					76.02	54.13	7.9	0.797	0.048	0.	0.012	0.012	1.18	0.7	26.2	26.2
2	3	1987		B07	600	2.	1.8	1.5	25.	25.	25.					97.96	78.82	7.65	0.808	0.033	0.	0.013	0.013	2.95	1.95	19.	18.8
2	3	1987		B08	600	0.2	0.	0.	25.	25.	25.					127.55	106.15	7.5	0.99	0.056	0.0015	0.012	0.013	5.95	3.92	29.	27.5
2	3	1987		B09	600	0.3	0.2	0.	25.	25.	25.					148.47	121.92	7.55	1.101	0.071	0.	0.007	0.007	5.28	3.58	32.8	34.
2	3	1987		B10	600	2.3	2.	1.8	25.	25.	25.					129.08	99.85	7.7	0.969	0.036	0.0015	0.003	0.004	2.62	1.78	20.5	19.
2	3	1987		B11	600	1.	0.2	0.	25.	25.	25.					145.41	105.1	7.65	1.005	0.056	0.	0.011	0.011	4.42	2.85	23.5	21.8
2	3	1987		B12	600	4.2	4.	2.5	25.	25.	25.					73.98	53.6	7.75	0.548	0.007	0.	0.009	0.009	1.18	0.7	20.5	22.
9	3	1987		B01	600	0.6	0.55	0.5	22.	22.	22.					121.94	97.74	7.65	0.794	0.047	0.0015	0.	0.0015	4.05	3.	11.	14.
9	3	1987		B02	600	3.15	3.15	3.15	22.	22.	22.					116.33	92.49	7.85	0.712	0.036	0.	0.003	0.003	2.3	1.75	9.	10.8
9	3	1987		B03	600	0.25	0.2	0.2	22.	22.5	22.5					136.22	108.25	7.7	1.03	0.046	0.	0.	0.	4.02	3.	15.	15.2
9	3	1987		B04	600	0.05	0.	0.	22.5	22.5	22.5					180.61	146.09	7.7	0.934	0.072	0.0015	0.	0.0015	9.2	7.	35.	34.5
9	3	1987		B05	600	2.9	2.9	2.9	22.5	22.5	22.5					131.63	105.63	7.95	0.641	0.041	0.	0.047	0.047	4.64	3.25	21.5	22.5
9	3	1987		B06	600	4.3	4.25	4.25	22.5	22.5	22.5					73.98	60.43	8.	0.545	0.025	0.0015	0.041	0.042	0.862	0.5	24.	21.5
9	3	1987		B07	600	2.45	2.4	2.35	22.5	22.5	22.5					104.33	85.13	7.8	0.741	0.037	0.	0.053	0.053	2.9	2.	13.8	13.5
9	3	1987		B08	600	0.1	0.	0.	22.5	22.5	22.5					140.3	119.81	7.65	0.882	0.056	0.0015	0.076	0.077	6.96	5.	21.5	22.
9	3	1987		B09	600	0.05	0.	0.	22.5	22.5	22.5					165.81	133.21	7.65	0.96	0.04	0.0015	0.076	0.077	4.2	5.25	31.	33.
9	3	1987		B10	600	2.95	2.95	2.95	22.	22.	22.					136.73	108.78	7.9	0.666	0.032	0.	0.086	0.086	2.36	2.25	13.	15.
9	3	1987		B11	600	0.1	0.1	0.1	22.5	22.5	22.5					160.71	110.36	7.75	0.919	0.048	0.	0.11	0.11	5.26	3.75	18.	28.
9	3	1987		B12	600	4.8	4.8	4.75	22.5	22.5	22.5					71.43	60.96	7.9	0.614	0.019	0.	0.094	0.094	1.17	0.62	14.5	16.2
16	3	1987		B01	600	1.6	1.55	0.95	22.5	22.5	22.					130.61	101.95	7.8	0.943	0.049	0.004	0.069	0.073	4.64	3.08	16.	18.
16	3	1987		B02	600	4.6	4.5	0.85	22.	22.	21.5					125.	94.59	8.05	0.717	0.044	0.004	0.061	0.065	2.45	1.92	12.5	13.
16	3	1987		B03	600	1.3	1.2	1.1	22.5	22.5	22.5					151.53	117.19	7.75	0.831	0.056	0.006	0.07	0.076	5.31	3.46	15.5	17.
16	3	1987		B04	600	1.	0.95	0.15	23.	23.	23.					193.88	156.07	7.85	1.021	0.072	0.007	0.087	0.094	9.86	7.31	38.5	39.
16	3	1987		B05	600	4.2	4.2	2.25	23.	23.	23.					144.64	110.88	8.1	0.784	0.042	0.004	0.05	0.054	5.22	3.85	29.5	31.5
16	3	1987		B06	600	5.5	5.45	4.	23.	23.	22.5					108.67	61.48	8.15	0.479	0.006	0.002	0.064	0.066	0.87	0.78	24.	24.5
16	3	1987		B07	600	3.4	3.35	2.4	22.5	22.5	22.5					118.37	90.39	8.	0.534	0.038	0.002	0.063	0.65	3.1	2.31	17.	15.
16	3	1987		B08	600	0.75	0.65	0.35	23.	23.	22.5					154.59	120.87	7.75	0.962	0.068	0.002	0.042	0.044	7.44	5.	24.5	27.5
16	3	1987		B09	600	0.2	0.2	0.1	23.	23.	23.					166.83	137.68	7.75	1.085	0.185	0.004	0.042	0.046	7.44	5.	23.5	27.5
16	3	1987		B10	600	3.6	3.5	2.05	22.	22.	22.					167.35	109.83	8.1	0.738	0.067	0.002	0.06	0.062	3.08	2.5	12.5	11.5
16	3	1987		B11	600	1.5	1.4	1.1	23.	23.	23.					160.71	114.03	8.	1.054	0.06	0.004	0.032	0.036	6.2	3.85	16.5	16.2
16	3	1987		B12	600	5.25	5.25	2.6	23.	23.	22.					78.57	59.91	8.1	0.532	0.025	0.007	0.004	0.011	1.24	0.96	14.	15.
23	3	1987		B01	600	0.3	0.2	0.2	24.5	24.5	24.5					124.	108.25	7.7	1.168	0.048	0.	0.017	0.017	5.9	3.33	12.5	10.
23	3	1987		B02	600	3.15	3.15	3.15	25.	25.	25.					131.	101.95	7.9	0.667	0.006	0.	0.022	0.022	3.54	2.08	13.	10.2
23	3	1987		B03	600	0.35	0.15	0.15	25.	25.	25.					153.06	122.97	7.75	0.78	0.046	0.	0.023	0.023	6.54	4.17	10.	11.

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
23	3	1987		B04	600	0.35	0.2	0.15	25.5	25.5	25.5					194.39	159.75	7.85	0.832	0.05	0.002	0.025	0.027	11.9	7.29	25.5	25.5	
23	3	1987		B05	600	2.75	2.75	2.6	25.	25.	25.					154.08	120.34	8.	0.766	0.005	0.	0.014	0.014	5.95	4.17	16.5	17.5	
23	3	1987		B06	600	4.5	4.5	4.45	25.5	25.5	25.5					74.49	53.08	7.95	0.545	0.01	0.016	0.007	0.023	1.19	0.625	17.5	16.	
23	3	1987		B07	600	2.	1.95	1.75	25.	25.	25.					115.82	96.17	7.75	0.992	0.013	0.	0.014	0.014	4.42	2.92	11.	11.	
23	3	1987		B08	600	0.1	0.1	0.05	25.5	25.5	25.5					165.82	134.	7.7	0.961	0.027	0.002	0.028	0.03	9.22	6.25	19.5	19.5	
23	3	1987		B09	600	0.2	0.1	0.1	25.5	25.5	25.5					186.22	148.19	7.8	1.182	0.	0.	0.027	0.027	9.08	5.83	20.	22.	
23	3	1987		B10	600	2.9	2.85	2.85	24.5	24.5	24.5					155.1	115.08	7.95	0.842	0.074	0.024	0.008	0.032	1.06	2.71	11.	11.	
23	3	1987		B11	600	0.15	0.15	0.1	25.	25.	25.					168.88	116.13	7.85	0.885	0.028	0.002	0.021	0.023	7.14	4.58	14.	15.5	
23	3	1987		B12	600	4.55	4.55	4.5	25.	25.	25.					81.63	63.59	7.9	0.588	0.018	0.002	0.028	0.03	1.82	1.04	12.	13.	
30	3	1987		B01	600	0.15	0.1	0.05	27.	27.	27.					131.63	113.51	7.75	0.951		0.002	0.017	0.019	6.1	3.84	17.	15.	
30	3	1987		B02	600	2.6	2.45	0.6	26.5	26.5	26.5					128.06	98.79	8.	0.707		0.	0.009	0.009	2.74	1.92	17.	17.	
30	3	1987		B03	600	0.2	0.15	0.1	27.	27.	27.					157.14	126.12	7.75	0.814		0.	0.011	0.011	6.1	4.22	17.	15.5	
30	3	1987		B04	600	0.15	0.1	0.1	27.5	27.5	27.5					199.49	154.5	7.85	1.553		0.002	0.01	0.012	7.93	5.38	18.	20.5	
30	3	1987		B05	600	2.4	2.3	0.8	27.	27.	27.					149.49	114.61	8.	0.82		0.	0.008	0.008	5.49	3.84	25.5	29.	
30	3	1987		B06	600	3.7	3.7	3.1	27.5	27.5	27.					77.55	64.63	8.	0.631		0.	0.011	0.011	1.22	0.77	22.	20.5	
30	3	1987		B07	600	0.65	0.65	0.6	27.	27.	27.					121.43	98.79	7.75	0.657		0.	0.012	0.012	4.24	3.08	20.5	17.5	
30	3	1987		B08	600	0.1	0.1	0.1	27.	27.	27.					175.	148.19	7.7	1.609		0.002	0.011	0.013	9.52	6.55	25.5	26.5	
30	3	1987		B09	600	0.2	0.1	0.1	27.	27.	27.					194.39	158.7	7.75	1.219		0.	0.015	0.015	8.92	5.77	24.	24.5	
30	3	1987		B10	600	1.05	1.	1.05	27.	27.	27.					156.12	119.29	7.9	0.744		0.	0.01	0.01	4.16	2.69	19.	17.	
30	3	1987		B11	600	0.2	0.2	0.1	27.	27.	27.					181.12	122.97	7.9	0.833		0.002	0.014	0.016	7.14	4.62	16.5	17.8	
30	3	1987		B12	600	2.7	2.7	0.4	27.	27.	26.					83.67	69.37	7.75	0.618		0.	0.014	0.014	1.78	1.34	18.	15.	
6	4	1987		B01	600	1.6	0.9	0.6	23.5	23.5	23.5					138.72	117.02	7.7	1.7936	0.0636	0.	0.015	0.15	4.92	3.84	16.5	15.8	86.87
6	4	1987		B02	600	3.7	3.5	3.2	23.	23.	23.					138.77	138.77	8.15	1.3377	0.0287	0.	0.01	0.01	2.48	1.92	14.	14.8	94.51
6	4	1987		B03	600	2.05	2.	1.95	23.5	23.5	23.5					157.65	129.8	8.05	1.6448	0.0408	0.005	0.011	0.016	4.92	4.22	18.	15.5	152.74
6	4	1987		B04	600	0.45	0.35	0.15	23.	23.	23.					229.6	173.42	7.9	2.2725	0.1745	0.005	0.013	0.018	8.85	7.3	27.	26.5	91.65
6	4	1987		B05	600	3.1	3.05	2.65	23.5	23.5	23.5					138.26	118.24	8.1	1.4538	0.0348	0.	0.007	0.007	4.42	3.84	24.	21.5	7.64
6	4	1987		B06	600	4.95	4.95	3.7	23.5	23.5	23.5					79.6	62.53	8.25	0.6034	0.0104	0.	0.014	0.014	0.74	0.77	19.5	21.8	22.91
6	4	1987		B07	600	3.65	3.35	2.5	23.5	23.	23.					134.7	106.15	7.9	1.6462	0.0332	0.	0.013	0.013	3.17	2.7	12.	11.5	148.73
6	4	1987		B08	600	2.75	2.75	2.55	23.5	23.5	23.5					183.67	150.29	7.9	1.7958	0.0798	0.005	0.013	0.018	6.94	5.38	28.	29.	200.47
6	4	1987		B09	600	1.65	1.2	0.6	23.	23.	23.					183.67	131.38	7.85	1.2788	0.0468	0.005	0.018	0.023	6.5	5.	19.	20.5	142.05
6	4	1987		B10	600	3.8	3.7	3.5	23.5	23.5	23.					161.22	120.87	8.3	1.2723	0.0213	0.	0.011	0.011	3.25	2.68	16.2	12.5	6.68
6	4	1987		B11	600	0.65	0.6	0.5	23.5	23.5	23.5					187.24	148.19	7.85	1.9133	0.0863	0.03	0.038	0.068	6.	5.18	12.	11.5	114.94
6	4	1987		B12	600	3.85	3.75	3.4	23.5	23.5	23.5					90.82	65.69	7.95	0.86725	0.0072	0.	0.02	0.02	1.5	1.15	17.	17.8	
13	4	1987		B01	600	0.5	0.3	0.	26.	26.	26.					155.1	116.66	7.1	2.145	0.035	0.001	0.012	0.013	5.38	4.58	18.8	17.	
13	4	1987		B02	600	2.5	2.	0.2	25.5	25.5	25.5					140.82	108.25	7.9	1.413	0.018	0.	0.024	0.042	2.56	2.08	15.5	12.2	
13	4	1987		B03	600	0.3	0.	0.	26.	26.	26.					161.22	128.75	7.8	2.194	0.035	0.001	0.019	0.054	5.12	4.79	21.	20.	
13	4	1987		B04	600	0.2	0.	0.	26.	26.	26.					234.18	179.72	7.8	3.0235	0.0585	0.001	0.021	0.022	8.13	6.87	24.5	23.	
13	4	1987		B05	600	1.8	1.5	0.8	26.	26.	26.					160.2	122.44	7.8	1.619	0.015	0.001	0.013	0.014	4.61	4.5	21.5	21.5	
13	4	1987		B06	600	3.5	3.5	2.5	26.	26.	26.					83.67	62.53	8.	0.943	0.013	0.001	0.018	0.019	1.02	0.75	17.5	16.5	
13	4	1987		B07	600	1.8	1.5	1.	26.	26.	26.					128.06	106.15	7.7	2.003	0.033	0.001	0.014	0.015	3.59	3.25	16.8	16.2	
13	4	1987		B08	600	0.	0.	0.	26.	26.	26.					181.63	152.4	7.7	2.967	0.057	0.001	0.018	0.019	7.62	6.75	24.5	27.	
13	4	1987		B09	600	0.	0.	0.	26.	26.	26.					195.92	160.28	7.8	2.585	0.045	0.001	0.02	0.021	7.18	5.75	21.	20.	
13	4	1987		B10	600	1.5	1.	0.4	25.5	25.5	25.5					175.51	127.43	7.9	1.526	0.025	0.	0.02	0.02	3.53	3.25	14.	14.	
13	4	1987		B11	600	0.5	0.	0.	26.	26.	26.					193.88	140.31	7.8	2.562	0.029	0.001	0.019	0.02	6.	5.25	18.8	17.5	

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
13	4	1987		B12	600	2.3	2.	0.3	26.	26.	26.					94.9	73.04	7.8	1.174	0.019	0.001	0.018	0.019	1.51	1.46	16.	16.2	
20	4	1987		B01	600	0.4	0.3	0.25	24.5	24.5	24.5					155.1	120.34	7.55	1.703	0.03	0.001	0.02	0.021	5.45	4.58	17.	16.	58.42
20	4	1987		B02	600	3.25	3.25	3.25	24.5	24.5	24.5					150.51	115.08	7.85	1.189	0.028	0.	0.013	0.013	2.75	2.5	9.5	9.5	5.35
20	4	1987		B03	600	0.35	0.3	0.25	25.	25.	25.					175.	133.48	7.8	1.881	0.044	0.	0.016	0.016	5.7	5.	16.5	15.5	24.43
20	4	1987		B04	600	0.15	0.15	0.1	25.5	25.5	25.5					236.73	186.07	7.8	2.386	0.061	0.003	0.031	0.034	8.43	7.08	24.	24.	274.94
20	4	1987		B05	600	1.7	1.65	1.55	25.5	25.5	25.5					169.39	124.02	7.9	0.166	0.02	0.003	0.012	0.013	5.04	4.58	19.	18.	5.73
20	4	1987		B06	600	3.65	3.65	3.55	25.5	25.5	25.5					79.08	63.06	8.1	0.838	0.002	0.001	0.017	0.018	1.	0.62	16.	12.5	90.88
20	4	1987		B07	600	2.3	2.3	2.25	24.5	24.5	24.5					144.39	110.36	7.9	1.532	0.017	0.001	0.015	0.016	4.	3.33	13.	12.	41.43
20	4	1987		B08	600	0.2	0.15	0.1	25.	25.	25.					200.	162.38	7.8	2.342	0.063	0.003	0.019	0.022	7.8	6.25	20.	20.5	100.81
20	4	1987		B09	600	0.2	0.15	0.1	25.5	25.5	25.5					200.5	162.38	7.85	2.233	0.029	0.003	0.025	0.028	7.73	6.04	16.5	18.	57.28
20	4	1987		B10	600	2.4	2.35	2.35	24.5	24.5	24.5					182.14	125.07	8.05	0.838	0.027	0.003	0.011	0.014	3.87	3.33	10.	9.5	126.01
20	4	1987		B11	600	0.25	0.	0.15	25.5	25.5	25.5					205.61	134.53	7.95	1.919	0.048	0.003	0.023	0.026	6.28	5.83	15.	15.5	60.14
20	4	1987		B12	600	2.65	2.6	2.35	25.5	25.5	25.5					95.92	74.62	8.05	1.14	0.016	0.003	0.019	0.022	1.93	1.46	11.	10.	38.95
27	4	1987		B01	600	1.5	0.8	0.8	22.5	22.5	22.5					148.47	120.48	7.3	3.7	0.08	0.	0.006	0.006	7.62	4.58	11.	11.	176.29
27	4	1987		B02	600	4.5	4.5	4.	22.	22.	22.					152.04	119.46	7.9	2.315	0.05	0.	0.003	0.003	4.65	2.1	7.	6.5	75.73
27	4	1987		B03	600	2.	1.8	1.5	22.	22.	22.					178.57	136.81	7.9	3.294	0.071	0.	0.	0.	6.2	5.	11.	10.5	133.87
27	4	1987		B04	600	1.	1.	0.5	22.5	22.5	22.5					234.69	167.95	7.9	4.062	0.069	0.001	0.003	0.004	8.38	7.1	20.5	20.	176.8
27	4	1987		B05	600	3.8	3.8	3.	22.5	22.5	22.					172.45	128.14	8.	2.123	0.027	0.	0.003	0.003	5.28	6.25	13.	13.	69.36
27	4	1987		B06	600	5.	5.	4.8	23.	23.	23.					86.73	65.85	8.1	1.596	0.034	0.	0.001	0.001	1.52	0.42	12.	13.5	44.62
27	4	1987		B07	600	3.5	3.5	3.	22.	22.	22.					138.77	115.37	7.9	2.891	0.085	0.001	0.	0.001	3.75	3.	6.5	6.5	127.92
27	4	1987		B08	600	1.	0.8	0.8	22.5	22.5	22.5					188.77	155.7	7.8	3.4	0.121	0.	0.	0.	8.38	7.1	21.5	21.5	165.49
27	4	1987		B09	600	1.5	1.	0.5	22.5	22.5	22.5					216.35	163.36	7.8	3.842	0.115	0.001	0.008	0.009	8.45	6.62	15.	15.	168.3
27	4	1987		B10	600	4.5	4.5	4.	22.5	22.5	22.5					179.59	122.52	8.1	3.453	0.104	0.001	0.	0.001	4.05	3.	6.5	6.8	95.2
27	4	1987		B11	600	1.8	1.5	1.2	22.5	22.5	22.5					213.26	134.26	8.	2.631	0.073	0.001	0.002	0.003	6.88	5.85	10.	9.2	258.82
27	4	1987		B12	600	4.5	4.	4.	23.	23.	23.					101.02	75.04	8.1	1.862	0.018	0.	0.	0.	1.56	1.25	10.	8.5	85.68
4	5	1987		B01	600	0.45	0.35	0.25	25.5	25.5	25.5					151.02	119.46	7.6	2.718	0.048	0.001	0.022	0.023	4.3	5.	14.	13.	94.51
4	5	1987		B02	600	1.85	1.7	0.25	24.5	24.5	24.5					163.26	118.44	7.7	2.243	0.028	0.001	0.01	0.011	2.25	2.5	8.5	8.	51.55
4	5	1987		B03	600	0.4	0.3	0.25	25.5	25.5	25.5					185.45	134.26	7.85	2.594	0.044	0.001	0.006	0.007	4.75	5.	12.	14.5	106.53
4	5	1987		B04	600	0.5	0.4	0.3	26.	26.	26.					242.86	178.16	8.	3.321	0.077	0.001	0.008	0.009	7.25	6.75	13.	12.	241.52
4	5	1987		B05	600	1.4	1.45	1.35	25.5	25.5	25.5					176.02	120.89	8.05	2.114	0.033	0.001	0.009	0.01	4.75	4.58	15.5	18.	69.88
4	5	1987		B06	600	3.2	3.2	1.2	25.5	25.5	25.5					84.18	67.1	8.05	1.113	0.021	0.001	0.011	0.012	1.	0.62	18.	18.	30.36
4	5	1987		B07	600	1.7	1.05	0.8	25.	25.	25.					140.82	116.9	7.8	2.279	0.038	0.001	0.013	0.014	3.75	3.75	14.5	13.5	53.46
4	5	1987		B08	600	0.65	0.5	0.4	26.	26.	26.					206.63	164.38	7.8	3.057	0.09	0.003	0.007	0.01	7.25	7.08	19.	19.	297.85
4	5	1987		B09	600	0.6	0.45	0.3	26.	26.	26.					216.84	173.06	7.8	3.157	0.094	0.003	0.013	0.016	7.58	7.29	17.8	18.5	124.1
4	5	1987		B10	600	1.9	1.85	1.65	25.	25.	24.5					183.67	129.16	8.	1.596	0.043	0.001	0.016	0.017	3.5	3.54	12.	12.5	71.02
4	5	1987		B11	600	0.5	0.4	0.3	25.5	25.5	25.5					200.	123.54	8.05	2.375	0.083	0.001	0.013	0.014	5.1	5.	13.5	12.5	122.19
4	5	1987		B12	600	2.45	2.	0.4	25.	25.	25.					163.26	81.42	8.1	1.487	0.022	0.001	0.015	0.016	1.84	1.25	13.5	14.	72.17
11	5	1987		B01	600	0.35	0.3	0.2	24.5	24.5	24.5					152.04	124.56	7.6	2.837	0.043	0.001	0.002	0.003	5.64	4.62	12.	12.5	223.39
11	5	1987		B02	600	3.2	3.	2.6	24.5	24.5	24.5					163.26	122.52	8.05	2.043	0.033	0.001	0.004	0.005	2.52	2.3	7.5	7.5	55.75
11	5	1987		B03	600	1.4	1.2	1.2	24.5	24.5	25.					183.16	139.88	8.	2.291	0.038	0.001	0.	0.001	6.15	5.	12.	12.	100.24
11	5	1987		B04	600	0.3	0.25	0.2	25.	25.	25.					239.79	176.63	8.15	3.68	0.068	0.001	0.	0.001	6.92	4.8	14.8	15.	236.94
11	5	1987		B05	600	1.8	1.5	1.75	25.	25.	25.					172.45	124.56	8.1	2.462	0.012	0.	0.	0.	5.08	4.22	16.5	17.	57.28
11	5	1987		B06	600	4.5	4.4	4.	25.	25.	25.					88.78	61.26	8.05	2.731	0.004	0.001	0.003	0.004	0.77	0.575	15.	17.2	57.28
11	5	1987		B07	600	2.6	2.5	2.4	24.5	24.5	24.5					147.96	124.66	7.9	2.306	0.037	0.001	0.003	0.004	3.36	3.45	11.2	12.	55.75

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	SECHI DISK A	SECHI DISK B	CHLOR-OPHYLL A
11	5	1987		B08	600	0.6	0.5	0.45	25.	25.	25.					197.45	153.15	7.85	2.569	0.068	0.001	0.	0.001	7.75	6.35	17.2	16.	144.34
11	5	1987		B09	600	0.5	0.4	0.3	25.	25.	25.					226.53	173.06	7.85	3.255	0.065	0.003	0.003	0.006	8.32	6.15	14.	16.	195.13
11	5	1987		B10	600	3.	2.9	2.55	24.5	24.5	24.5					189.02	140.39	8.1	2.054	0.049	0.003	0.004	0.007	4.	3.45	8.	9.5	61.1
11	5	1987		B11	600	0.6	0.4	0.3	25.	25.	25.					207.14	131.71	8.	2.577	0.056	0.001	0.	0.001	5.62	5.38	14.	14.	204.67
11	5	1987		B12	600	3.25	3.25	3.15	25.	25.	25.					98.98	77.09	7.9	1.359	0.028	0.001	0.005	0.006	1.5	1.55	14.	15.	42.36
18	5	1987		B01	600	1.1	0.45	0.2	24.5	24.5	24.5					148.47	129.67	7.7	2.617	0.097	0.	0.	0.	5.38	5.12	14.	12.	178.52
18	5	1987		B02	600	4.05	4.	3.45	24.	24.	24.					160.71	119.46	8.1	1.729	0.059	0.003	0.	0.003	2.08	2.08	5.5	6.	114.56
18	5	1987		B03	600	1.2	1.1	0.85	24.5	24.5	24.5					187.75	144.47	7.9	2.533	0.056	0.001	0.	0.001	6.2	5.62	11.5	11.2	106.92
18	5	1987		B04	600	0.6	0.55	0.25	24.5	24.5	24.5					248.98	182.25	8.1	3.405	0.095	0.001	0.	0.001	8.2	6.75	17.	16.5	163.24
18	5	1987		B05	600	1.65	1.5	1.4	24.5	24.5	24.5					178.06	127.11	8.05	1.794	0.049	0.	0.	0.	5.38	5.	17.5	17.5	52.5
18	5	1987		B06	600	4.3	4.3	2.5	25.	25.	25.					83.93	62.28	8.1	0.959	0.029	0.	0.	0.	0.768	0.62	17.5	16.	31.5
18	5	1987		B07	600	3.05	3.	2.4	24.5	24.5	24.5					142.35	121.5	7.9	2.236	0.132	0.006	0.012	0.018	3.08	3.33	8.	8.	105.01
18	5	1987		B08	600	1.	0.9	0.4	25.	25.	25.					194.9	157.48	8.05	2.78	0.11	0.001	0.	0.001	7.95	7.	20.	20.	294.03
18	5	1987		B09	600	0.75	0.65	0.65	25.	25.	25.					207.14	159.79	8.	2.889	0.095	0.001	0.	0.001	7.75	6.25	20.	17.	183.29
18	5	1987		B10	600	3.2	3.1	3.05	24.5	24.5	24.5					182.65	133.75	8.1	1.833	0.166	0.012	0.025	0.037	3.55	3.75	7.5	7.	63.01
18	5	1987		B11	600	0.85	0.75	0.55	25.	25.	25.					213.26	130.69	8.1	2.392	0.077	0.	0.	0.	6.45	5.62	12.5	13.5	229.11
18	5	1987		B12	600	3.3	3.1	2.95	24.5	24.5	24.5					105.61	84.23	7.95	1.417	0.038	0.	0.	0.	1.49	1.68	12.5	11.	48.88
25	5	1987		B01	600	0.2	0.2	0.1	25.5	25.	25.					153.5	128.65	7.85	3.316	0.069	0.002	0.	0.002	5.16	5.42	11.	11.2	147.01
25	5	1987		B02	600	2.5	2.	1.8	24.5	24.5	24.5					162.15	118.44	8.05	2.072	0.056	0.003	0.	0.003	2.1	2.08	8.	8.	87.64
25	5	1987		B03	600	0.5	0.3	0.2	25.	25.	25.					189.18	143.19	7.9	2.978	0.092	0.003	0.	0.003	5.63	5.83	12.	11.	42.
25	5	1987		B04	600	0.	0.	0.	26.	26.	26.					263.22	191.44	8.	3.705	0.096	0.003	0.	0.003	7.45	6.68	18.	17.5	155.8
25	5	1987		B05	600	0.4	0.3	0.2	25.	25.	25.					189.32	131.71	7.9	2.223	0.061	0.002	0.	0.002	5.12	5.	18.	18.	42.77
25	5	1987		B06	600	3.5	3.5	3.5	25.	25.	25.					95.13	64.83	7.9	1.428	0.044	0.002	0.	0.002	0.95	0.833	16.2	17.	31.5
25	5	1987		B07	600	1.3	1.2	1.	25.	25.	25.					154.58	123.54	7.85	2.134	0.036	0.016	0.	0.016	4.19	4.18	13.	12.8	63.
25	5	1987		B08	600	0.2	0.1	0.	25.	25.	25.					223.22	170.51	7.75	3.264	0.147	0.003	0.	0.003	8.84	8.75	23.	23.	157.52
25	5	1987		B09	600	0.1	0.	0.	25.	25.	25.					218.36	156.72	8.	3.118	0.116	0.003	0.	0.003	6.52	5.42	16.	15.	144.34
25	5	1987		B10	600	2.	1.8	1.8	25.	25.	25.					186.47	129.16	8.05	1.912	0.126	0.003	0.006	0.009	3.18	3.75	10.	8.5	63.
25	5	1987		B11	600	0.2	0.2	0.	25.	25.	25.					210.26	129.16	8.1	3.11	0.042	0.002	0.026	0.028	6.18	5.42	14.2	13.2	199.52
25	5	1987		B12	600	2.3	2.2	2.2	25.	25.	25.					110.8	88.83	7.85	1.719	0.056	0.003	0.	0.003	2.04	1.88	12.	14.	21.001
1	6	1987		B01	600	0.45	0.25	0.1	26.5	26.5	26.5					168.1	131.2	7.65	3.401	0.026	0.001	0.002	0.003	4.88	5.2	11.	10.2	61.86
1	6	1987		B02	600	1.8	1.55	0.45	26.	26.	26.					166.47	113.33	7.85	1.431	0.027	0.001	0.	0.001	2.46	2.08	9.	10.	84.008
1	6	1987		B03	600	0.2	0.15	0.15	26.5	26.5	26.5					195.12	142.94	7.9	3.03	0.094	0.001	0.	0.001	4.1	5.5	10.5	11.	97.95
1	6	1987		B04	600	0.15	0.1	0.1	27.	27.	27.					277.82	183.78	8.	3.744	0.072	0.001	0.	0.001	7.75	6.75	17.	17.	217.66
1	6	1987		B05	600	0.2	0.2	0.15	27.	27.	27.					190.26	132.73	7.9	1.728	0.05	0.001	0.	0.001	5.75	5.5	24.	23.	50.6
1	6	1987		B06	600	2.9	2.9	2.3	26.5	26.5	26.5					88.64	71.98	7.95	1.135	0.023	0.001	0.	0.001	0.905	0.83	16.8	14.	70.83
1	6	1987		B07	600	0.95	0.85	0.75	26.5	26.5	26.5					157.83	121.5	7.8	1.904	0.054	0.001	0.	0.001	4.61	4.58	10.	9.5	144.34
1	6	1987		B08	600	0.75	0.65	0.4	26.5	26.5	26.5					235.66	180.21	7.75	4.635	0.115	0.001	0.	0.001	9.74	8.33	18.5	19.5	293.84
1	6	1987		B09	600	0.5	0.4	0.35	27.	27.	27.					233.5	162.34	8.	1.867	0.108	0.001	0.	0.001	8.2	5.83	14.5	15.	169.66
1	6	1987		B10	600	1.45	1.45	1.4	26.5	26.5	26.5					198.36	131.71	8.1	1.987	0.08	0.001	0.001	0.002	4.12	3.75	8.	9.2	41.24
1	6	1987		B11	600	0.5	0.25	0.15	27.	27.	27.					233.5	125.58	8.25	3.094	0.05	0.001	0.	0.001	5.9	5.	13.5	13.5	126.01
1	6	1987		B12	600	2.1	2.05	1.95	26.5	26.5	26.5					113.5	84.74	7.95	1.34	0.014	0.001	0.	0.001	2.	1.68	14.	14.	60.71
8	6	1987		B01	600	0.2	0.2	0.15	27.	27.	27.					175.12	138.35	7.7	4.549	0.02	0.003	0.	0.003	5.2	5.52	10.2	11.5	130.6
8	6	1987		B02	600	1.4	1.4	0.9	26.5	26.5	26.5					165.93	119.97	7.85	2.255	0.03	0.003	0.001	0.004	2.85	2.71	10.2	9.2	31.5
8	6	1987		B03	600	0.3	0.2	0.15	27.	27.	27.					198.9	144.21	7.85	3.744	0.052	0.003	0.	0.003	6.72	5.83	12.	10.5	32.65

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
8	6	1987		B04	600	0.25	0.2	0.2	27.5	27.5	27.5					275.11	183.27	8.	5.747	0.098	0.003	0.	0.003	6.72	5.21	15.5	15.5	350.43
8	6	1987		B05	600	0.4	0.3	0.3	27.5	27.5	27.5					198.88	126.6	7.85	2.909	0.057	0.003	0.001	0.004	5.62	5.42	20.5	20.	66.82
8	6	1987		B06	600	2.6	2.5	2.35	27.	27.	27.					86.48	65.34	7.9	1.609	0.029	0.003	0.001	0.004	1.03	0.833	12.5	15.5	51.55
8	6	1987		B07	600	0.4	0.3	0.2	27.	27.	27.					157.29	122.52	7.75	1.598	0.088	0.003	0.0025	0.0055	4.13	4.79	13.5	14.2	72.17
8	6	1987		B08	600	0.3	0.25	0.15	27.	27.	27.					248.63	180.72	7.7	5.596	0.073	0.003	0.001	0.004	8.28	6.67	20.	22.	279.33
8	6	1987		B09	600	0.2	0.15	0.15	27.	27.	27.					268.09	182.76	7.85	5.272	0.114	0.003	0.003	0.006	9.3	7.08	16.	16.5	106.92
8	6	1987		B10	600	0.45	0.4	0.4	27.	27.	27.					189.17	127.11	8.05	2.816	0.074	0.003	0.	0.003	4.	4.17	11.	10.8	70.83
8	6	1987		B11	600	0.3	0.25	0.2	27.	27.	27.					242.14	139.88	8.15	4.313	0.106	0.003	0.	0.003	6.5	5.42	14.5	12.5	103.1
8	6	1987		B12	600	1.3	1.25	1.15	27.	27.	27.					115.67	88.83	7.75	1.867	0.045	0.003	0.	0.003	2.03	2.08	13.	13.	42.
15	6	1987		B01	600	0.55	0.45	0.15	28.	28.	28.					158.91	132.73	7.65	4.883	0.062	0.003	0.	0.003	6.1	5.42	11.5	13.	112.26
15	6	1987		B02	600	1.2	1.1	0.5	27.5	27.5	27.5					166.47	116.39	7.9	2.904	0.032	0.001	0.008	0.009	2.54	2.5	9.	9.5	38.94
15	6	1987		B03	600	0.2	0.2	0.15	28.	28.	28.					199.45	147.02	7.8	4.188	0.036	0.001	0.	0.001	6.66	5.83	9.5	9.5	161.91
15	6	1987		B04	600	0.3	0.2	0.15	28.5	28.5	28.5					281.06	187.86	7.85	5.966	0.067	0.001	0.	0.001	7.12	5.42	15.	15.	125.09
15	6	1987		B05	600	0.25	0.2	0.2	28.5	28.5	28.5					201.07	126.09	7.95	0.034	0.034	0.006	0.	0.006	5.6	5.	15.5	15.	48.68
15	6	1987		B06	600	1.9	1.9	1.6	28.	28.	28.					89.72	67.13	7.85	1.622	0.035	0.001	0.001	0.002	1.02	0.62	13.5	13.	21.38
15	6	1987		B07	600	1.	1.	0.9	28.	28.	28.					162.15	121.5	7.95	3.347	0.05	0.001	0.	0.001	4.1	4.17	14.	15.	
15	6	1987		B08	600	0.3	0.2	0.15	28.5	28.5	28.5					241.06	186.84	8.	5.693	0.09	0.001	0.	0.001	8.13	6.46	14.	15.	323.43
15	6	1987		B09	600	0.3	0.25	0.15	28.5	28.5	28.5					257.28	183.78	7.85	5.431	0.098	0.001	0.004	0.005	9.15	7.08	16.	17.	97.29
15	6	1987		B10	600	0.35	0.35	0.25	28.	28.	28.					195.66	123.03	8.	2.734	0.013	0.001	0.	0.001	4.11	4.17	11.	9.5	77.89
15	6	1987		B11	600	0.3	0.2	0.2	28.	28.	28.					242.3	140.39	8.	3.731	0.073	0.001	0.	0.001	6.52	5.83	15.	13.5	30.35
15	6	1987		B12	600	1.1	1.1	1.1	28.5	28.5	28.5					124.32	88.83	7.9	1.966	0.042	0.001	0.	0.001	2.18	2.08	15.	15.	34.36
22	6	1987		B01	600	0.5	0.5	0.1	29.	29.	29.					147.56	115.37	7.85	4.663	0.067	0.001	0.	0.001	6.15	5.	16.5	17.	84.
22	6	1987		B02	600	0.5	0.4	0.3	28.	28.	28.					154.58	104.14	7.85	1.974	0.038	0.001	0.002	0.003	3.08	2.5	14.	13.5	20.62
22	6	1987		B03	600	0.4	0.3	0.	28.5	28.5	28.5					191.34	132.73	7.9	3.7021	0.0161	0.001	0.	0.001	6.66	5.83	13.5	13.	53.46
22	6	1987		B04	600	0.3	0.2	0.	29.	29.	29.					269.17	177.65	8.	5.497	0.079	0.001	0.	0.001	7.18	5.83	15.5	16.	152.36
22	6	1987		B05	600	0.9	0.5	0.1	28.5	28.5	28.					181.61	113.33	8.	3.189	0.069	0.001	0.	0.001	5.12	4.58	17.5	18.	94.5
22	6	1987		B06	600	1.4	0.8	0.5	28.5	28.5	28.5					86.48	69.17	7.75	1.712	0.03	0.001	0.002	0.003	1.02	0.833	16.	15.	85.53
22	6	1987		B07	600	0.3	0.3	0.1	28.	28.	28.					150.26	113.33	7.75	2.741	0.066	0.001	0.	0.001	4.61	4.58	19.	20.	41.24
22	6	1987		B08	600	0.6	0.4	0.3	28.	28.	28.					239.98	171.53	7.85	1.481	0.085	0.001	0.	0.001	7.88	6.25	15.	15.5	632.16
22	6	1987		B09	600	0.5	0.5	0.2	28.5	28.5	28.5					255.12	175.1	8.15	5.817	0.101	0.001	0.	0.001	7.62	5.	14.	15.	134.71
22	6	1987		B10	600	0.5	0.3	0.	28.5	28.5	28.5					194.58	120.48	7.95	0.344	0.043	0.001	0.	0.001	6.88	4.17	14.5	14.	42.
22	6	1987		B11	600	0.4	0.2	0.	28.5	28.5	29.					233.5	127.63	8.05	3.853	0.043	0.001	0.	0.001	6.88	5.82	19.5	19.5	72.17
22	6	1987		B12	600	1.	0.8	0.5	28.5	28.5	28.					112.42	89.34	7.75	1.945	0.056	0.001	0.	0.001	2.46	2.08	17.5	17.5	52.5
29	6	1987		B01	600	0.35	0.2	0.1	28.	28.	28.					141.5	120.48	7.7	4.201	0.036	0.003	0.	0.003	5.9	5.21	14.5	14.5	192.26
29	6	1987		B02	600	0.7	0.7	0.75	27.5	27.5	27.5					144.	100.83	7.85	1.712	0.017	0.003	0.	0.003	2.95	2.71	12.	12.5	32.07
29	6	1987		B03	600	0.2	0.2	0.1	28.	28.	28.					183.5	130.18	7.85	2.888	0.07	0.003	0.	0.003	6.39	5.72	15.	13.	63.
29	6	1987		B04	600	0.1	0.05	0.05	28.5	28.5	28.5					251.	172.55	8.05	5.791	0.054	0.003	0.	0.003	6.88	5.42	18.	18.5	249.49
29	6	1987		B05	600	0.1	0.1	0.1	28.5	28.5	28.5					166.	110.27	7.95	2.853	0.035	0.003	0.	0.003	4.96	4.58	22.5	26.	59.56
29	6	1987		B06	600	1.65	1.6	1.6	28.	28.	28.					74.2	68.41	7.8	1.499	0.035	0.003	0.002	0.005	1.	0.62	13.	13.5	30.93
29	6	1987		B07	600	0.4	0.3	0.1	28.	28.	28.					140.5	124.56	7.8	2.681	0.031	0.003	0.	0.003	4.42	4.38	15.	16.	63.
29	6	1987		B08	600	0.1	0.1	0.1	28.	28.	28.					219.5	166.42	8.	5.693	0.071	0.003	0.	0.003	6.88	5.62	14.5	15.	263.55
29	6	1987		B09	600	0.3	0.3	0.1	28.	28.	28.					231.	177.14	7.95	5.003	0.058	0.003	0.	0.003	7.38	6.04	21.	20.	102.91
29	6	1987		B10	600	0.4	0.45	0.4	27.5	27.5	27.5					169.5	110.78	8.1	2.627	0.028	0.003	0.003	0.006	4.92	3.75	13.5	14.5	65.59
29	6	1987		B11	600	0.2	0.2	0.2	28.	28.	28.					218.	127.63	8.	4.642	0.047	0.003	0.	0.003	6.69	5.83	19.	22.8	231.54

Table 3. Weekly and Twice Weekly Measurements. Honduras, Cycle III, 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	CHLOR-OPHYLL A
29	6	1987		B12	600	0.65	0.65	0.65	27.5	27.5	27.5					104.	85.76	7.9	2.029	0.017	0.001	0.	0.001	2.48	2.29	13.5	14.5	51.55
6	7	1987		B01	600	0.2	0.15	0.1	27.	27.	27.					147.5	137.84	7.75	4.346	0.027	0.001	0.	0.001	5.9	5.42	15.	16.	115.51
6	7	1987		B02	600	1.05	1.	0.95	26.5	26.5	26.5					147.5	110.27	7.8	2.035	0.017	0.001	0.	0.001	2.98	2.92	9.5	10.	21.38
6	7	1987		B03	600	0.2	0.15	0.1	27.	27.	27.					179.	129.16	7.9	3.721	0.046	0.001	0.	0.001	6.44	5.62	16.	15.8	76.18
6	7	1987		B04	600	0.1	0.1	0.05	27.	27.	27.					260.	183.78	8.	5.919	0.046	0.001	0.	0.001	7.44	5.83	17.8	17.8	245.38
6	7	1987		B05	600	0.1	0.1	0.1	27.5	27.5	27.5					173.	118.95	7.9	2.963	0.025	0.001	0.	0.001	5.45	5.	16.5	16.5	84.01
6	7	1987		B06	600	1.9	1.85	1.7	26.5	26.5	26.5					74.	68.41	7.8	1.641	0.	0.001	0.	0.001	1.	0.83	15.	14.8	32.07
6	7	1987		B07	600	0.4	0.4	0.3	27.	27.	27.					142.	116.39	7.75	0.33	0.013	0.001	0.	0.001	4.96	4.58	14.	13.	144.34
6	7	1987		B08	600	0.1	0.05	0.05	27.	27.	27.					232.	178.68	7.8	4.132	0.043	0.001	0.	0.001	7.87	6.46	17.	16.8	206.2
6	7	1987		B09	600	0.2	0.2	0.05	27.	27.	27.					244.5	185.82	7.9	6.064	0.243	0.001	0.	0.001	8.43	6.67	18.5	18.	132.31
6	7	1987		B10	600	0.5	0.45	0.4	26.5	26.5	26.5					177.	118.44	8.	2.354	0.01	0.001	0.	0.001	4.42	3.96	12.	12.	21.38
6	7	1987		B11	600	0.1	0.1	0.1	27.	27.5	27.5					233.	132.22	8.	4.857	0.05	0.001	0.	0.001	6.94	6.25	20.5	19.2	117.61
6	7	1987		B12	600	0.65	0.6	0.6	27.	27.	27.					102.5	91.38	8.	2.764	0.009	0.001	0.	0.001	2.48	2.29	13.5	13.	94.7

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
16	6	1986	600	B01	3.73	3.62	3.41	26.5	26.5	26.5	7.55
16	6	1986	1800	B01	7.67	5.33	0.32	29.5	29.5	27.5	7.55
16	6	1986	1400	B01	7.35	5.33	1.38	30.5	28.5	27.	7.8
16	6	1986	1000	B01	6.07	4.26	1.38	28.5	27.5	26.5	7.3
16	6	1986	600	B02	1.86	1.81	0.32	25.5	25.5	25.5	7.45
16	6	1986	1800	B02	4.58	2.56	0.11	28.5	27.5	25.5	7.45
16	6	1986	1400	B02	3.46	1.28	0.11	29.	27.	25.5	7.6
16	6	1986	1000	B02	2.34	1.38	0.11	27.5	26.5	25.5	7.2
16	6	1986	600	B03	2.02	1.92	1.86	26.5	26.5	26.5	7.45
16	6	1986	1800	B03	5.86	2.13	0.11	29.5	29.	26.5	7.45
16	6	1986	1400	B03	5.65	2.13	0.11	30.5	28.	26.5	7.6
16	6	1986	1000	B03	4.48	1.28	0.32	27.5	27.	26.5	7.3
16	6	1986	600	B04	0.43	0.43	0.11	26.5	26.5	26.	7.45
16	6	1986	1800	B04	5.97	3.41	0.11	29.5	29.	26.5	7.55
16	6	1986	1400	B04	7.25	1.07	0.11	31.	28.5	27.5	7.8
16	6	1986	1000	B04	5.49	1.07	0.05	28.5	27.5	26.5	7.4
16	6	1986	1000	B05	4.53	2.88	0.91	28.5	28.	27.5	7.4
16	6	1986	600	B05	1.12	1.07	0.96	27.	27.	26.5	7.5
16	6	1986	1800	B05	6.71	4.9	0.32	29.5	29.5	27.5	7.65
16	6	1986	1400	B05	7.99	3.2	0.16	31.	28.5	27.5	7.8
16	6	1986	1000	B06	2.66	0.85	0.27	28.5	27.5	27.	7.4
16	6	1986	600	B06	1.28	0.85	0.8	27.	27.	27.	7.45
16	6	1986	1800	B06	4.9	3.2	0.16	29.5	29.5	27.	7.65
16	6	1986	1400	B06	5.33	2.13	0.16	30.5	29.	27.	7.7
16	6	1986	1000	B07	9.38	5.33	1.49	29.	27.5	26.5	8.
16	6	1986	600	B07	4.85	4.8	3.94	27.	26.5	26.5	7.75
16	6	1986	1800	B07	5.33	4.8	1.38	29.5	28.5	27.	8.45
16	6	1986	1400	B07	10.66	6.39	0.64	30.5	28.5	26.5	8.4
16	6	1986	1000	B08	3.2	2.13	0.21	27.5	25.5	25.5	7.5
16	6	1986	600	B08	2.98	2.93	2.72	25.5	25.5	25.5	7.5
16	6	1986	1800	B08	5.91	1.38	0.11	29.5	26.5	25.5	7.9
16	6	1986	1400	B08	9.26	1.38	0.11	27.5	26.5	25.5	8.4
16	6	1986	1400	B09	5.01	1.92	0.05	29.5	28.	26.5	8.1
16	6	1986	1000	B09	4.8	1.22	0.21	29.	26.5	26.	7.6
16	6	1986	600	B09	2.56	2.45	2.02	26.	26.5	26.5	7.55
16	6	1986	1800	B09	5.97	3.2	0.11	29.5	28.5	26.	7.85
16	6	1986	1400	B10	8.95	4.69	0.11	30.5	28.5	26.5	7.9
16	6	1986	1000	B10	7.89	2.34	0.11	29.	27.5	26.5	7.9
16	6	1986	600	B10	2.13	2.02	0.43	26.5	26.5	26.	7.7
16	6	1986	1800	B10	8.63	4.9	0.16	29.5	29.5	26.5	8.1
16	6	1986	1400	B11	5.33	3.2	0.11	30.5	29.	27.5	8.
16	6	1986	1000	B11	5.49	1.28	0.11	29.5	29.	27.	7.7
16	6	1986	600	B11	1.17	1.01	0.96	27.	27.	27.	7.6

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
16	6	1986	1800	B11	6.5	4.58	0.21	30.	29.5	27.5	8.
16	6	1986	1400	B12	5.86	4.26	0.21	30.	28.	26.5	7.9
16	6	1986	1000	B12	5.86	2.88	0.11	29.	26.5	26.	7.7
16	6	1986	600	B12	4.26	4.21	0.21	26.5	26.5	26.	7.65
16	6	1986	1800	B12	6.82	3.2	0.21	29.5	27.5	26.	8.
17	6	1986	600	B01	2.45	2.34	2.24	26.5	26.5	26.5	7.55
17	6	1986	600	B02	1.07	1.07	0.85	25.5	25.5	25.5	7.55
17	6	1986	600	B03	1.49	1.38	1.38	26.5	26.5	26.5	7.55
17	6	1986	600	B04	0.11	0.05	0.05	26.5	26.5	26.5	7.45
17	6	1986	600	B05	0.21	0.16	0.05	27.	27.	27.	7.45
17	6	1986	600	B06	0.11	0.05	0.05	26.5	26.5	26.5	7.5
17	6	1986	600	B07	4.37	4.37	4.	26.5	26.5	26.5	7.8
17	6	1986	600	B08	2.24	2.13	0.64	25.5	25.5	25.5	7.7
17	6	1986	600	B09	1.6	1.54	1.38	26.5	26.5	26.	7.6
17	6	1986	600	B10	0.43	0.37	0.37	26.5	26.5	26.5	7.6
17	6	1986	600	B11	0.32	0.32	0.21	27.	27.	26.5	7.6
17	6	1986	600	B12	3.3	3.25	3.25	26.	26.	26.	7.7
30	6	1986	600	B01	2.13	1.97	1.86	25.5	26.	26.	7.65
30	6	1986	1800	B01	8.21	5.65	0.21	29.	28.	26.	8.2
30	6	1986	1400	B01	9.7	5.33	0.21	30.	28.	26.	8.1
30	6	1986	1000	B01	4.48	3.2	0.32	26.5	26.	25.5	7.9
30	6	1986	600	B02	1.7	1.76	1.49	25.	25.	25.	7.65
30	6	1986	1800	B02	7.62	2.02	0.11	29.	27.	25.	8.05
30	6	1986	1400	B02	4.96	3.94	0.11	28.5	26.5	25.	8.
30	6	1986	1000	B02	2.56	2.5	1.92	25.	25.	24.5	7.8
30	6	1986	600	B03	1.33	1.17	1.07	25.5	25.5	25.5	7.6
30	6	1986	1800	B03	7.35	4.05	0.11	29.	28.5	25.5	8.15
30	6	1986	1400	B03	6.39	5.06	0.11	29.5	28.	25.5	8.2
30	6	1986	1000	B03	2.93	2.13	0.27	26.	25.5	25.5	7.7
30	6	1986	600	B04	0.75	0.64	0.32	26.	26.	26.	7.55
30	6	1986	1800	B04	8.21	5.65	0.11	30.	29.	26.5	8.2
30	6	1986	1400	B04	9.06	6.18	0.27	29.5	28.	26.	8.2
30	6	1986	1000	B04	4.64	1.7	0.16	26.5	26.5	25.5	7.7
30	6	1986	1000	B05	3.94	3.2	2.02	26.5	26.5	26.	7.9
30	6	1986	600	B05	1.07	0.96	0.85	26.	26.	26.	8.05
30	6	1986	1800	B05	9.06	6.5	0.11	30.	29.5	26.5	8.3
30	6	1986	1400	B05	9.8	7.46	0.32	29.5	28.5	26.5	8.4
30	6	1986	1000	B06	3.3	2.72	2.02	26.5	26.	25.5	8.
30	6	1986	600	B06	1.38	1.23	0.53	26.	26.	26.	7.9
30	6	1986	1800	B06	8.95	5.65	0.21	30.	29.5	26.	8.4
30	6	1986	1400	B06	9.8	5.43	0.21	30.	28.	26.	8.5
30	6	1986	1000	B07	5.86	5.75	2.56	26.5	26.5	26.	8.
30	6	1986	600	B07	3.3	3.2	3.3	26.	26.	26.	7.85
30	6	1986	1800	B07	8.1	8.15	0.96	29.	29.	26.5	8.45

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
30	6	1986	1400	B07	9.34	8.63	1.76	30.5	29.	26.5	8.5
30	6	1986	1000	B08	4.8	2.24	0.53	26.	25.5	24.5	8.
30	6	1986	600	B08	2.98	2.82	1.49	24.5	24.5	24.5	7.8
30	6	1986	1800	B08	6.77	2.34	0.11	29.	27.	24.5	8.1
30	6	1986	1400	B08	5.12	2.77	0.16	27.5	25.5	24.5	8.4
30	6	1986	1400	B09	7.14	4.26	0.43	29.5	27.	25.5	8.5
30	6	1986	1000	B09	5.33	4.8	1.28	26.5	26.	25.5	8.
30	6	1986	600	B09	3.04	2.66	2.56	25.5	25.5	25.5	7.75
30	6	1986	1800	B09	8.85	5.43	0.21	29.	28.5	25.5	8.3
30	6	1986	1400	B10	10.55	2.29	0.11	31.5	27.5	25.5	8.6
30	6	1986	1000	B10	5.33	4.05	0.11	26.5	26.5	25.5	8.
30	6	1986	600	B10	1.28	0.91	0.37	25.5	25.5	25.5	7.7
30	6	1986	1800	B10	9.06	3.41	0.11	29.5	28.5	26.	8.35
30	6	1986	1400	B11	8.42	2.88	0.11	31.5	27.5	26.	8.4
30	6	1986	1000	B11	4.05	3.2	0.11	26.5	26.5	25.5	8.1
30	6	1986	600	B11	0.85	0.43	0.43	26.	26.	26.	7.7
30	6	1986	1800	B11	7.67	4.58	0.16	30.	29.	26.	8.3
30	6	1986	1400	B12	6.39	3.41	1.07	28.5	26.	25.	8.6
30	6	1986	1000	B12	5.86	3.73	2.13	26.5	25.5	25.	8.2
30	6	1986	600	B12	3.62	3.46	0.16	25.	25.	25.	7.85
30	6	1986	1800	B12	7.99	2.88	0.64	30.	27.	25.	8.35
1	7	1986	600	B01	1.23	1.17	0.32	27.	27.	26.5	7.65
1	7	1986	600	B02	3.25	3.2	0.11	25.5	25.5	25.5	7.75
1	7	1986	600	B03	1.49	1.39	0.53	26.5	26.5	26.	7.7
1	7	1986	600	B04	0.69	0.64	0.32	27.	27.	26.5	7.6
1	7	1986	600	B05	0.64	0.53	0.21	27.	27.	27.	7.65
1	7	1986	600	B06	1.81	1.76	1.44	26.5	26.5	26.5	7.75
1	7	1986	600	B07	3.09	3.04	2.72	27.	27.	27.	7.8
1	7	1986	600	B08	3.62	3.46	0.11	25.5	25.5	24.5	7.75
1	7	1986	600	B09	3.46	3.46	0.16	26.5	26.5	25.5	7.85
1	7	1986	600	B10	0.85	0.75	0.11	26.5	26.5	26.	7.75
1	7	1986	600	B11	0.91	0.64	0.32	27.	27.	26.5	7.75
1	7	1986	600	B12	4.96	4.9	0.16	26.	26.	25.	7.9
14	7	1986	600	B01	1.6	1.6	1.07	23.5	23.5	23.5	7.35
14	7	1986	1800	B01	8.53	8.53	2.13	28.	28.	25.	7.6
14	7	1986	1400	B01	8.53	5.06	0.21	28.5	26.5	24.5	8.4
14	7	1986	1000	B01	4.32	2.24	0.64	24.5	24.	24.	7.65
14	7	1986	600	B02	2.13	2.13	2.13	23.5	23.5	23.5	7.4
14	7	1986	1800	B02	6.39	2.13	1.07	27.5	26.	24.	7.55
14	7	1986	1400	B02	4.74	0.86	0.05	27.	24.5	23.5	8.35
14	7	1986	1000	B02	2.34	1.81	1.12	24.	23.5	23.5	7.6
14	7	1986	600	B03	0.85	0.85	0.43	24.	24.	24.	7.35
14	7	1986	1800	B03	7.46	5.33	0.53	27.5	27.	25.	8.05
14	7	1986	1400	B03	6.23	2.13	0.11	27.5	25.5	24.5	8.35

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
14	7	1986	1000	B03	2.4	1.28	0.32	24.5	24.	24.	7.8
14	7	1986	600	B04	0.21	0.11	0.	24.	24.	24.	7.35
14	7	1986	1800	B04	8.53	6.93	1.07	28.	27.	25.	7.95
14	7	1986	1400	B04	5.33	5.01	0.11	29.5	27.	24.5	8.2
14	7	1986	1000	B04	4.48	2.72	0.96	25.5	25.	24.5	7.75
14	7	1986	1000	B05	3.36	2.34	0.96	25.	25.	24.5	7.8
14	7	1986	600	B05	0.21	0.21	0.	24.	24.	24.	7.5
14	7	1986	1800	B05	6.93	5.33	1.07	28.	28.	25.	7.95
14	7	1986	1400	B05	7.89	2.77	0.11	29.	26.5	25.	8.2
14	7	1986	1000	B06	3.04	2.45	0.64	25.	25.	24.5	7.95
14	7	1986	600	B06	0.43	0.43	0.21	24.5	24.5	24.5	7.95
14	7	1986	1800	B06	8.53	6.39	2.13	28.	28.	25.	8.25
14	7	1986	1400	B06	8.37	5.38	0.37	29.	27.5	25.	8.4
14	7	1986	1000	B07	5.91	5.01	1.6	25.5	25.5	24.	7.85
14	7	1986	600	B07	3.2	3.2	1.92	24.	24.	23.5	7.65
14	7	1986	1800	B07	9.59	8.53	0.53	27.	27.	25.	8.3
14	7	1986	1400	B07	9.7	3.73	1.22	29.	26.	24.5	8.4
14	7	1986	1000	B08	5.97	3.84	2.82	25.	23.5	23.5	7.95
14	7	1986	600	B08	4.26	4.26	3.73	23.5	23.5	23.5	7.7
14	7	1986	1800	B08	8.53	4.26	1.07	27.	27.	23.5	8.25
14	7	1986	1400	B08	9.06	2.88	1.81	29.	24.	23.5	8.45
14	7	1986	1400	B09	8.85	3.2	0.64	28.5	25.5	24.	8.4
14	7	1986	1000	B09	4.8	2.5	1.44	25.5	25.5	24.	7.9
14	7	1986	600	B09	2.66	2.66	2.13	24.	24.	23.5	7.6
14	7	1986	1800	B09	9.06	6.39	1.07	27.5	27.	25.	8.35
14	7	1986	1400	B10	4.58	3.52	0.11	28.5	26.	24.	8.4
14	7	1986	1000	B10	4.58	2.13	0.8	25.5	24.5	24.	7.85
14	7	1986	600	B10	1.07	1.07	0.85	24.	23.5	23.5	7.55
14	7	1986	1800	B10	12.3	6.39	1.07	28.	28.	25.	8.15
14	7	1986	1400	B11	8.63	3.2	0.11	28.5	26.	24.5	8.3
14	7	1986	1000	B11	3.09	2.34	1.33	24.5	24.5	24.5	7.95
14	7	1986	600	B11	1.07	0.85	0.53	24.	24.	23.5	7.55
14	7	1986	1800	B11	10.1	7.99	1.07	28.	27.	25.	7.95
14	7	1986	1400	B12	5.01	3.36	2.02	27.5	24.5	24.	8.35
14	7	1986	1000	B12	4.26	3.41	2.77	24.5	24.	24.	8.1
14	7	1986	600	B12	3.84	3.84	3.84	24.	24.	23.5	7.8
14	7	1986	1800	B12	6.93	6.39	2.13	28.	24.	24.	7.9
15	7	1986	600	B01	2.13	2.13	1.07	25.	25.	25.	7.65
15	7	1986	600	B02	2.66	2.13	2.13	24.	24.	24.	7.7
15	7	1986	600	B03	2.13	1.6	1.07	24.5	24.	24.	7.75
15	7	1986	600	B04	0.32	0.21	0.	25.	25.	25.	7.65
15	7	1986	600	B05	0.21	0.	0.	25.	25.	25.	7.75
15	7	1986	600	B06	1.07	1.07	1.07	25.	25.	25.	7.9
15	7	1986	600	B07	3.73	3.73	2.66	24.5	24.5	24.5	7.85

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
15	7	1986	600	B08	4.26	4.26	2.66	24.	24.	24.	7.95
15	7	1986	600	B09	4.26	3.73	3.73	24.5	24.5	24.5	7.95
15	7	1986	600	B10	2.13	1.6	1.07	24.5	24.5	24.5	7.9
15	7	1986	600	B11	1.6	1.6	1.07	25.	25.	25.	7.95
15	7	1986	600	B12	4.78	4.78	3.73	24.	24.	24.	8.1
28	7	1986	600	B01	0.85	0.64	0.64	24.5	24.5	24.5	7.5
28	7	1986	1800	B01	10.55	10.02	0.32	29.5	29.	25.	7.6
28	7	1986	1400	B01	11.94	7.46	0.16	30.5	28.5	25.	8.35
28	7	1986	1000	B01	5.75	1.28	0.05	26.5	25.5	24.5	7.9
28	7	1986	600	B02	1.86	2.08	2.29	24.	24.	24.	7.65
28	7	1986	1800	B02	8.1	2.56	0.11	29.	26.5	24.5	7.55
28	7	1986	1400	B02	1.38	0.32	0.11	28.5	24.5	24.5	8.3
28	7	1986	1000	B02	3.84	1.92	0.05	26.	24.5	24.5	7.85
28	7	1986	600	B03	0.53	0.48	0.43	24.5	24.5	24.5	7.55
28	7	1986	1800	B03	7.89	4.64	0.11	29.5	28.5	25.	8.05
28	7	1986	1400	B03	8.53	2.13	0.16	30.5	26.	25.	8.15
28	7	1986	1000	B03	3.94	1.65	0.11	26.5	25.5	24.5	7.8
28	7	1986	600	B04	0.21	0.11	0.11	25.	25.	25.	7.5
28	7	1986	1800	B04	10.5	8.85	0.32	29.5	29.	26.	7.95
28	7	1986	1400	B04	10.87	7.57	0.21	30.	28.	25.5	8.15
28	7	1986	1000	B04	7.03	4.1	0.32	27.	26.	25.5	7.85
28	7	1986	1000	B05	5.33	1.7	0.11	26.5	26.	25.5	7.7
28	7	1986	600	B05	0.16	0.11	0.11	25.	25.	25.	7.55
28	7	1986	1800	B05	7.99	5.75	0.21	29.5	29.	26.	7.95
28	7	1986	1400	B05	7.83	4.8	0.11	30.	28.	25.5	8.05
28	7	1986	1000	B06	3.84	1.92	0.32	26.5	26.	25.5	7.75
28	7	1986	600	B06	0.26	0.26	0.21	25.5	25.5	25.5	7.65
28	7	1986	1800	B06	8.94	7.57	0.53	30.5	29.5	26.5	8.25
28	7	1986	1400	B06	7.99	4.26	0.53	30.	28.	26.	8.2
28	7	1986	1000	B07	7.35	4.05	0.8	26.5	26.	25.	7.85
28	7	1986	600	B07	2.72	2.66	2.45	24.5	24.5	24.5	7.7
28	7	1986	1800	B07	9.7	9.59	0.32	29.5	29.5	25.5	8.3
28	7	1986	1400	B07	10.44	6.93	0.75	31.5	27.5	25.	8.4
28	7	1986	1000	B08	4.26	3.2	1.92	25.5	25.5	24.	7.8
28	7	1986	600	B08	3.62	3.57	3.52	24.	24.	24.	7.75
28	7	1986	1800	B08	8.05	3.2	0.21	29.	25.5	24.	8.25
28	7	1986	1400	B08	4.69	2.61	0.53	27.5	24.5	24.	8.3
28	7	1986	1400	B09	3.41	2.34	0.21	29.5	26.5	24.5	8.25
28	7	1986	1000	B09	3.52	2.4	0.48	26.	25.	24.5	7.8
28	7	1986	600	B09	2.66	2.56	2.5	24.5	24.5	24.5	7.75
28	7	1986	1800	B09	9.17	7.89	0.21	29.5	29.5	24.5	8.35
28	7	1986	1400	B10	8.95	2.4	0.16	30.	27.	25.	8.4
28	7	1986	1000	B10	3.36	1.28	0.05	26.5	25.5	24.5	7.8
28	7	1986	600	B10	0.64	0.48	0.38	24.5	24.5	24.5	7.65

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	7	1986	1800	B10	10.12	9.91	0.21	29.5	29.5	25.	8.15
28	7	1986	1400	B11	7.03	2.13	0.11	29.5	27.	25.	8.25
28	7	1986	1000	B11	5.33	1.07	0.11	26.5	25.5	25.	7.65
28	7	1986	600	B11	0.32	0.26	0.21	24.5	25.	25.	7.7
28	7	1986	1800	B11	9.17	6.98	0.11	30.5	30.	25.5	7.95
28	7	1986	1400	B12	5.33	3.09	1.92	30.5	25.5	24.5	8.25
28	7	1986	1000	B12	4.58	3.14	2.34	27.5	24.5	24.5	7.5
28	7	1986	600	B12	3.94	3.94	3.89	24.5	24.5	24.5	7.85
28	7	1986	1800	B12	8.26	3.52	1.86	31.5	26.	24.5	7.9
29	7	1986	600	B01	1.33	1.28	1.07	25.5	25.5	25.5	7.45
29	7	1986	600	B02	1.81	1.54	0.48	24.5	24.5	24.5	7.6
29	7	1986	600	B03	1.07	0.96	0.96	25.5	25.5	25.5	7.55
29	7	1986	600	B04	0.11	0.11	0.05	25.5	25.5	25.5	7.45
29	7	1986	600	B05	0.21	0.11	0.05	26.	26.	26.	7.45
29	7	1986	600	B06	0.64	0.43	0.43	26.	26.	26.	7.6
29	7	1986	600	B07	3.09	2.98	2.02	25.5	25.5	25.5	7.65
29	7	1986	600	B08	3.3	2.77	0.21	24.5	24.5	24.5	7.7
29	7	1986	600	B09	2.93	2.82	2.24	25.	25.	25.	7.75
29	7	1986	600	B10	0.43	0.32	0.32	25.5	25.5	25.5	7.65
29	7	1986	600	B11	0.21	0.11	0.11	25.5	25.5	25.5	7.6
29	7	1986	600	B12	3.57	3.52	0.43	25.	25.	25.	7.85
11	8	1986	600	B01	0.32	0.21	0.	27.	27.	27.	8.05
11	8	1986	1800	B01	6.39	6.39	1.07	30.	29.	27.5	8.7
11	8	1986	1400	B01	9.38	6.39	1.23	31.5	30.5	28.	8.7
11	8	1986	1000	B01	5.33	5.33	2.45	28.5	28.5	27.5	8.45
11	8	1986	600	B02	1.6	1.38	0.53	26.	26.	26.	7.85
11	8	1986	1800	B02	6.39	5.33	1.07	30.	29.	26.5	8.4
11	8	1986	1400	B02	6.98	2.45	0.11	31.5	28.5	26.5	8.5
11	8	1986	1000	B02	3.14	0.48	0.05	27.5	27.5	26.	8.2
11	8	1986	600	B03	0.53	0.32	0.	26.5	26.5	26.5	7.85
11	8	1986	1800	B03	6.39	5.86	2.13	30.	29.	27.	8.45
11	8	1986	1400	B03	6.82	4.74	0.11	31.	30.5	27.	8.4
11	8	1986	1000	B03	3.3	2.02	0.37	28.	27.5	26.5	8.4
11	8	1986	600	B04	0.53	0.21	0.	27.	27.	27.	7.85
11	8	1986	1800	B04	7.99	7.99	1.07	30.	30.	29.	8.45
11	8	1986	1400	B04	10.66	5.75	0.21	31.5	31.	27.5	8.6
11	8	1986	1000	B04	7.14	2.98	0.05	28.5	28.	27.	8.4
11	8	1986	1000	B05	5.75	1.81	0.11	28.5	28.	27.	8.4
11	8	1986	600	B05	0.21	0.	0.	27.	27.	27.	7.75
11	8	1986	1800	B05	7.46	7.46	1.07	29.	29.	28.	8.35
11	8	1986	1400	B05	11.3	6.93	0.32	31.5	31.	28.5	8.6
11	8	1986	1000	B06	4.64	2.02	0.21	28.5	28.5	27.5	8.15
11	8	1986	600	B06	0.21	0.	0.	27.	27.	27.	7.45
11	8	1986	1800	B06	6.93	5.33	1.07	30.	29.	28.5	8.2

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
11	8	1986	1400	B06	7.35	7.35	0.64	31.5	29.5	28.5	8.45
11	8	1986	1000	B07	5.86	4.42	1.7	29.	29.	27.	8.25
11	8	1986	600	B07	2.13	2.13	1.6	26.5	26.	26.	7.85
11	8	1986	1800	B07	6.39	5.33	0.53	30.	30.	28.	8.35
11	8	1986	1400	B07	8.42	8.42	2.13	31.5	31.5	28.5	8.55
11	8	1986	1000	B08	4.85	2.24	0.53	28.5	26.5	25.5	8.2
11	8	1986	600	B08	2.66	2.13	0.53	26.	26.	26.	7.9
11	8	1986	1800	B08	6.39	6.39	0.53	29.	29.	27.	8.25
11	8	1986	1400	B08	6.66	2.45	0.21	31.5	27.5	26.	8.35
11	8	1986	1400	B09	8.1	4.21	0.11	31.5	30.5	26.5	8.55
11	8	1986	1000	B09	5.43	2.45	0.43	29.	27.5	26.5	8.25
11	8	1986	600	B09	2.66	2.66	2.13	26.	26.	26.	7.95
11	8	1986	1800	B09	6.39	5.33	1.07	28.5	28.5	28.	8.4
11	8	1986	1400	B10	9.43	4.9	0.16	32.	31.5	27.5	8.6
11	8	1986	1000	B10	5.49	1.38	0.32	29.	28.	27.	8.35
11	8	1986	600	B10	0.53	0.21	0.21	27.	27.	27.	7.85
11	8	1986	1800	B10	5.86	5.86	2.13	29.5	29.	28.	8.35
11	8	1986	1400	B11	8.95	3.62	0.05	32.	30.5	28.	8.6
11	8	1986	1000	B11	5.38	1.6	0.21	29.	27.5	27.	8.35
11	8	1986	600	B11	0.53	0.53	0.21	27.	27.	27.	7.85
11	8	1986	1800	B11	6.39	6.39	1.07	29.	28.5	27.	8.4
11	8	1986	1400	B12	6.08	2.56	1.92	32.	29.5	27.5	8.5
11	8	1986	1000	B12	4.64	2.34	0.11	29.	26.5	26.	8.2
11	8	1986	600	B12	4.26	4.26	0.53	26.	26.	26.	7.85
11	8	1986	1800	B12	6.39	5.33	1.07	30.	30.	26.	8.35
12	8	1986	600	B01	0.43	0.27	0.16	26.5	26.5	26.5	8.
12	8	1986	600	B02	1.38	1.28	1.23	26.	26.	26.	7.95
12	8	1986	600	B03	0.37	0.21	0.11	26.5	26.5	26.5	7.95
12	8	1986	600	B04	0.16	0.11	0.05	27.	27.	27.	8.
12	8	1986	600	B05	0.16	0.11	0.05	27.	27.	27.	8.
12	8	1986	600	B06	0.11	0.11	0.05	27.	27.	27.	7.95
12	8	1986	600	B07	2.24	2.02	1.81	26.5	26.5	26.5	8.
12	8	1986	600	B08	2.72	2.66	2.61	25.5	25.5	25.5	8.1
12	8	1986	600	B09	2.34	2.34	2.29	26.5	26.5	26.5	8.05
12	8	1986	600	B10	0.21	0.16	0.11	26.5	26.5	26.5	7.95
12	8	1986	600	B11	0.21	0.11	0.11	27.	27.	27.	8.05
12	8	1986	600	B12	3.3	3.2	3.2	26.5	26.5	26.5	7.95
25	8	1986	600	B01	0.15	0.1	0.05	26.5	27.	27.	8.2
25	8	1986	1800	B01	5.9	5.5	0.1	29.	29.	27.5	8.7
25	8	1986	1400	B01	11.1	1.6	0.1	30.5	28.5	27.5	8.75
25	8	1986	1000	B01	7.	1.4	0.1	28.5	27.5	27.	8.3
25	8	1986	600	B02	0.6	0.5	0.5	26.5	26.5	26.5	7.85
25	8	1986	1800	B02	3.7	3.6	0.3	29.	29.	28.	8.4
25	8	1986	1400	B02	5.55	1.5	0.05	31.	30.5	27.5	8.2

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	8	1986	1000	B02	2.5	0.6	0.05	28.5	27.5	26.5	8.05
25	8	1986	600	B03	0.1	0.1	0.	27.	27.	27.	7.85
25	8	1986	1800	B03	5.9	5.8	0.7	29.5	29.5	28.5	8.45
25	8	1986	1400	B03	9.8	4.65	0.2	31.5	29.5	28.	8.35
25	8	1986	1000	B03	4.45	1.9	0.95	28.5	27.5	27.5	8.1
25	8	1986	600	B04	0.1	0.05	0.	27.	27.	27.	7.9
25	8	1986	1800	B04	7.3	7.	0.3	29.5	29.5	28.5	8.45
25	8	1986	1400	B04	14.5	6.35	0.4	31.5	29.5	28.5	8.45
25	8	1986	1000	B04	9.6	3.55	0.1	28.5	28.5	27.5	8.4
25	8	1986	1000	B05	9.	1.1	0.05	28.5	28.	27.5	8.55
25	8	1986	600	B05	0.2	0.1	0.05	27.	27.	27.	8.
25	8	1986	1800	B05	7.5	7.2	1.3	29.5	29.5	28.	8.35
25	8	1986	1400	B05	12.1	3.4	0.5	30.5	29.5	28.5	8.65
25	8	1986	1000	B06	8.35	1.6	0.1	28.5	27.5	27.5	8.9
25	8	1986	600	B06	0.3	0.2	0.1	26.5	26.5	27.	7.8
25	8	1986	1800	B06	6.75	6.	0.25	29.	29.	28.	8.2
25	8	1986	1400	B06	11.4	4.75	2.85	31.	29.5	28.5	8.45
25	8	1986	1000	B07	5.5	3.45	0.55	28.	27.5	27.	8.45
25	8	1986	600	B07	2.3	2.05	1.7	26.5	26.5	27.	8.2
25	8	1986	1800	B07	8.5	6.	0.5	29.	29.	27.5	8.35
25	8	1986	1400	B07	6.75	2.	0.5	29.5	28.5	27.	8.85
25	8	1986	1000	B08	3.5	2.4	0.7	27.5	26.5	26.5	8.35
25	8	1986	600	B08	3.1	3.	0.2	26.	26.	26.	8.
25	8	1986	1800	B08	6.9	5.5	0.1	28.5	28.5	26.5	8.25
25	8	1986	1400	B08	5.15	1.85	0.3	30.	27.5	26.5	8.65
25	8	1986	1400	B09	8.05	1.	0.1	31.5	28.	27.5	8.7
25	8	1986	1000	B09	5.	1.55	0.2	28.	27.5	27.	8.25
25	8	1986	600	B09	1.6	1.6	1.2	26.5	26.5	27.	8.05
25	8	1986	1800	B09	6.35	6.15	0.3	29.	29.	27.5	8.4
25	8	1986	1400	B10	7.	3.	0.1	30.5	29.5	27.5	8.5
25	8	1986	1000	B10	6.35	1.	0.05	29.5	27.5	27.	8.2
25	8	1986	600	B10	0.1	0.05	0.05	27.	27.	27.	7.9
25	8	1986	1800	B10	6.05	5.95	0.3	29.5	29.5	28.5	8.35
25	8	1986	1400	B11	10.1	1.4	0.05	31.5	29.5	28.	8.25
25	8	1986	1000	B11	3.75	1.35	1.8	28.5	27.5	27.5	8.3
25	8	1986	600	B11	0.1	0.05	0.05	27.	27.	27.	7.95
25	8	1986	1800	B11	5.25	5.1	0.1	29.5	29.5	28.	8.4
25	8	1986	1400	B12	5.	2.	3.35	32.	28.5	28.	8.
25	8	1986	1000	B12	3.	2.45	0.75	27.5	27.	26.5	8.25
25	8	1986	600	B12	3.1	2.95	2.2	26.5	26.5	26.5	7.85
25	8	1986	1800	B12	5.35	3.	1.7	29.	28.	27.5	8.35
26	8	1986	600	B01	0.15	0.05	0.05	27.	27.	27.	8.1
26	8	1986	600	B02	0.3	0.2	0.2	27.	27.	27.	8.
26	8	1986	600	B03	0.1	0.1	0.05	27.5	27.5	27.5	8.

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
26	8	1986	600	B04	0.15	0.05	0.05	27.5	27.5	27.5	8.05
26	8	1986	600	B05	0.05	0.05	0.05	27.5	27.5	27.5	8.1
26	8	1986	600	B06	0.15	0.15	0.05	27.5	27.5	27.5	7.7
26	8	1986	600	B07	1.85	1.75	1.55	27.	27.	27.	8.2
26	8	1986	600	B08	2.1	1.8	1.65	26.5	26.5	26.5	8.
26	8	1986	600	B09	1.05	1.05	1.05	27.	27.	27.	8.
26	8	1986	600	B10	0.1	0.05	0.05	27.5	27.5	27.5	8.
26	8	1986	600	B11	0.1	0.05	0.05	27.5	27.5	27.5	7.95
26	8	1986	600	B12	2.45	2.45	1.85	27.	27.	27.	7.8
8	9	1986	600	B01	0.5	0.5	0.3	26.5	26.5	26.5	7.9
8	9	1986	1800	B01	8.	8.	1.	28.5	28.5	28.	8.65
8	9	1986	1400	B01	11.1	8.8	2.2	30.5	29.5	28.5	8.9
8	9	1986	1000	B01	10.3	5.4	1.85	28.5	28.	27.5	8.2
8	9	1986	600	B02	0.5	0.3	0.	26.5	26.	26.	8.2
8	9	1986	1800	B02	8.	8.	1.	28.5	28.5	27.5	8.85
8	9	1986	1400	B02	7.3	4.05	0.1	29.5	28.5	26.5	8.9
8	9	1986	1000	B02	6.5	2.7	0.1	28.	27.5	26.5	8.6
8	9	1986	600	B03	0.3	0.3	0.	26.5	26.	26.	7.9
8	9	1986	1800	B03	6.3	6.	1.	28.5	28.5	27.5	8.35
8	9	1986	1400	B03	8.	3.7	0.1	30.5	29.5	27.5	8.45
8	9	1986	1000	B03	5.4	2.45	0.1	27.5	27.	26.5	8.15
8	9	1986	600	B04	0.3	0.2	0.	26.5	26.5	27.	8.15
8	9	1986	1800	B04	8.3	8.	0.5	29.	29.	27.5	8.55
8	9	1986	1400	B04	12.6	7.05	0.2	30.5	29.5	28.	8.65
8	9	1986	1000	B04	8.9	4.7	0.2	28.5	28.	27.5	8.4
8	9	1986	1000	B05	8.4	4.4	0.3	28.5	28.	27.5	8.55
8	9	1986	600	B05	0.5	0.5	0.3	26.5	26.5	26.5	8.25
8	9	1986	1800	B05	12.3	12.	0.5	29.	29.	27.5	8.75
8	9	1986	1400	B05	14.2	5.65	0.25	30.5	29.5	27.5	8.8
8	9	1986	1000	B06	6.7	2.4	1.	28.5	27.5	27.5	8.3
8	9	1986	600	B06	0.3	0.2	0.	26.5	27.	27.	7.85
8	9	1986	1800	B06	6.3	6.	1.	29.	29.	28.	8.25
8	9	1986	1400	B06	10.	4.4	0.25	31.	29.5	28.	8.75
8	9	1986	1000	B07	5.65	2.8	0.8	27.	28.	27.	8.6
8	9	1986	600	B07	1.3	1.	1.	26.5	26.5	26.5	7.95
8	9	1986	1800	B07	6.	6.	0.5	28.5	28.	27.5	8.4
8	9	1986	1400	B07	7.75	7.5	0.2	30.5	30.5	27.5	8.5
8	9	1986	1000	B08	6.25	1.6	0.1	28.5	27.	26.5	8.15
8	9	1986	600	B08	1.5	1.	1.	26.5	26.5	26.5	7.95
8	9	1986	1800	B08	6.	6.	1.	28.	28.	27.5	8.35
8	9	1986	1400	B08	8.35	1.6	0.05	30.5	27.5	26.5	8.5
8	9	1986	1400	B09	8.45	2.2	0.05	31.	28.5	27.	8.5
8	9	1986	1000	B09	5.7	0.9	0.1	29.5	27.5	26.5	8.25
8	9	1986	600	B09	1.	1.	1.	26.5	26.5	26.	8.

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
8	9	1986	1800	B09	6.	6.	1.	29.	29.	27.5	8.35
8	9	1986	1400	B10	11.8	5.5	0.75	31.	29.5	28.	8.7
8	9	1986	1000	B10	6.9	2.65	0.8	29.	28.	27.5	8.35
8	9	1986	600	B10	0.3	0.3	0.	26.	26.	26.	8.05
8	9	1986	1800	B10	8.	8.	1.	28.	29.	28.	8.65
8	9	1986	1400	B11	9.8	3.8	0.05	31.	29.5	27.5	8.5
8	9	1986	1000	B11	6.6	1.	0.05	28.5	28.	27.5	8.3
8	9	1986	600	B11	0.3	0.3	0.	26.5	26.5	26.5	8.
8	9	1986	1800	B11	6.	6.	0.5	29.	29.	27.5	8.35
8	9	1986	1400	B12	4.65	2.75	0.7	30.5	28.5	27.	8.6
8	9	1986	1000	B12	6.7	2.6	2.05	29.	27.5	26.5	8.2
8	9	1986	600	B12	3.	3.	2.5	26.5	26.5	26.5	7.9
8	9	1986	1800	B12	7.3	5.	0.5	29.	28.	27.5	8.55
9	9	1986	600	B01	0.3	0.	0.	26.5	26.5	26.5	7.9
9	9	1986	600	B02	0.3	0.2	0.2	26.	26.5	26.5	8.25
9	9	1986	600	B03	0.3	0.	0.	26.5	26.5	26.5	7.95
9	9	1986	600	B04	0.3	0.	0.	26.5	26.5	26.5	8.05
9	9	1986	600	B05	0.3	0.	0.	26.5	26.5	26.5	8.15
9	9	1986	600	B06	0.5	0.4	0.2	26.5	26.5	26.5	7.75
9	9	1986	600	B07	1.	0.8	0.5	26.5	26.5	26.5	7.95
9	9	1986	600	B08	1.8	1.8	1.5	25.5	26.	26.	8.
9	9	1986	600	B09	0.8	0.7	0.5	26.5	26.5	26.5	7.85
9	9	1986	600	B10	0.3	0.2	0.	26.5	26.5	26.5	8.05
9	9	1986	600	B11	0.5	0.3	0.	26.5	26.5	26.5	8.05
9	9	1986	600	B12	3.	2.8	2.5	26.5	26.5	26.5	7.95
22	9	1986	600	B01	0.2	0.15	0.05	25.5	25.5	25.5	7.85
22	9	1986	1800	B01	8.05	7.75	0.2	28.5	29.	27.	8.65
22	9	1986	1400	B01	13.6	8.	0.2	29.5	29.5	26.5	8.75
22	9	1986	1000	B01	10.3	5.95	0.6	27.5	27.	26.	7.7
22	9	1986	600	B02	0.15	0.15	0.1	25.	25.	25.	7.85
22	9	1986	1800	B02	4.	3.1	0.	28.	28.	26.5	8.2
22	9	1986	1400	B02	6.15	2.4	0.1	29.5	28.5	26.5	8.3
22	9	1986	1000	B02	3.4	1.	0.05	27.	26.5	25.5	8.
22	9	1986	600	B03	0.2	0.1	0.05	25.5	25.5	25.5	7.9
22	9	1986	1800	B03	10.2	6.6	0.2	28.5	28.5	27.	8.6
22	9	1986	1400	B03	8.5	5.15	0.25	29.5	28.5	26.5	8.65
22	9	1986	1000	B03	6.3	1.85	0.15	27.	26.	26.	8.5
22	9	1986	600	B04	0.1	0.1	0.	26.	26.	26.	8.1
22	9	1986	1800	B04	12.4	11.2	0.1	29.	29.	27.	8.75
22	9	1986	1400	B04	15.6	10.	0.3	30.	29.	27.	8.85
22	9	1986	1000	B04	13.	6.	0.2	27.5	27.	26.5	8.65
22	9	1986	1000	B05	6.75	2.7	0.25	27.5	26.5	26.5	8.45
22	9	1986	600	B05	0.15	0.1	0.05	26.	26.	26.	7.95
22	9	1986	1800	B05	9.5	6.5	0.1	29.	29.	27.5	8.4

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
22	9	1986	1400	B05	12.2	4.2	0.1	29.5	28.5	27.	8.55
22	9	1986	1000	B06	8.4	5.1	0.6	27.5	27.	26.5	8.8
22	9	1986	600	B06	0.4	0.2	0.1	25.5	26.	26.	7.7
22	9	1986	1800	B06	10.	9.2	0.3	28.5	29.	28.	8.7
22	9	1986	1400	B06	13.5	5.	1.75	30.	29.	27.5	9.
22	9	1986	1000	B07	6.55	3.	1.2	28.5	26.5	26.	8.2
22	9	1986	600	B07	1.6	1.6	1.4	25.5	25.5	25.5	7.95
22	9	1986	1800	B07	7.4	7.4	0.3	29.	29.	27.	8.5
22	9	1986	1400	B07	9.9	4.6	0.9	30.	28.5	26.5	8.55
22	9	1986	1000	B08	7.2	1.9	0.9	28.5	26.	25.5	8.4
22	9	1986	600	B08	2.25	2.1	2.1	25.	25.	25.	8.05
22	9	1986	1800	B08	7.3	4.8	0.	28.	28.	25.5	8.5
22	9	1986	1400	B08	4.3	2.	0.1	28.	27.	25.5	8.55
22	9	1986	1400	B09	9.4	2.7	0.1	30.5	27.5	26.	8.45
22	9	1986	1000	B09	5.75	1.5	0.5	28.5	26.5	25.5	8.2
22	9	1986	600	B09	1.85	1.8	1.7	25.	25.	25.	8.
22	9	1986	1800	B09	6.25	5.8	0.1	28.5	28.5	27.	8.4
22	9	1986	1400	B10	13.2	2.8	0.05	31.	28.5	26.5	8.55
22	9	1986	1000	B10	7.	1.55	0.2	28.	27.	26.5	8.3
22	9	1986	600	B10	0.2	0.1	0.05	26.	26.	26.	7.95
22	9	1986	1800	B10	7.5	4.8	0.1	29.	29.	27.	8.45
22	9	1986	1400	B11	8.5	4.2	0.1	29.5	28.5	26.5	8.65
22	9	1986	1000	B11	7.65	1.6	0.3	28.	26.5	26.	8.45
22	9	1986	600	B11	0.2	0.1	0.05	26.	26.	26.	8.1
22	9	1986	1800	B11	8.	4.5	0.	29.	29.	27.	8.55
22	9	1986	1400	B12	7.9	4.7	0.75	29.5	28.5	26.	8.4
22	9	1986	1000	B12	5.85	2.4	1.1	28.5	26.5	26.	8.15
22	9	1986	600	B12	2.7	2.7	2.6	25.5	25.5	25.5	7.85
22	9	1986	1800	B12	7.4	3.9	0.4	29.	29.5	26.	8.35
23	9	1986	600	B01	0.3	0.1	0.05	26.	26.	26.	7.95
23	9	1986	600	B02	0.2	0.1	0.05	25.5	25.5	25.5	7.95
23	9	1986	600	B03	0.35	0.3	0.15	25.5	25.5	25.5	8.1
23	9	1986	600	B04	0.15	0.1	0.05	26.5	26.5	26.5	8.15
23	9	1986	600	B05	0.05	0.05	0.05	26.5	26.5	26.5	7.95
23	9	1986	600	B06	0.1	0.05	0.05	26.	26.	26.	7.75
23	9	1986	600	B07	1.9	1.8	1.6	25.5	25.5	25.5	8.
23	9	1986	600	B08	2.15	2.	1.55	25.5	25.5	25.5	8.15
23	9	1986	600	B09	1.4	1.25	1.1	26.	26.	25.5	8.
23	9	1986	600	B10	0.1	0.05	0.	26.	26.	26.	8.05
23	9	1986	600	B11	0.1	0.05	0.	26.	26.	26.	8.1
23	9	1986	600	B12	2.75	2.6	2.6	25.5	25.5	25.5	7.9
6	10	1986	600	B01	0.3	0.2	0.	25.	25.	25.5	7.85
6	10	1986	1800	B01							8.45
6	10	1986	1400	B01	11.1	6.	0.35	29.	28.	26.5	8.6

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
6	10	1986	1000	B01	5.5	3.25	0.55	27.	26.5	26.	7.85
6	10	1986	600	B02	0.3	0.3	0.3	25.	25.	25.	8.1
6	10	1986	1800	B02							8.65
6	10	1986	1400	B02	7.2	3.6	0.2	28.5	27.5	26.	8.65
6	10	1986	1000	B02	3.55	1.5	0.05	26.5	26.	25.5	8.55
6	10	1986	600	B03	0.5	0.3	0.3	25.	25.	25.	8.2
6	10	1986	1800	B03							8.75
6	10	1986	1400	B03	8.	1.45	0.1	28.5	27.5	25.5	8.8
6	10	1986	1000	B03	3.6	1.95	0.05	26.5	26.	25.5	8.7
6	10	1986	600	B04	0.5	0.4	0.4	25.	25.	25.	8.25
6	10	1986	1800	B04							8.85
6	10	1986	1400	B04	15.	7.	0.15	29.	28.5	26.5	8.95
6	10	1986	1000	B04	6.6	1.4	0.1	27.	26.5	26.5	8.85
6	10	1986	1000	B05	5.5	2.15	0.1	27.	26.5	26.	8.45
6	10	1986	600	B05	0.5	0.5	0.3	25.	25.	25.	8.05
6	10	1986	1800	B05							8.45
6	10	1986	1400	B05	9.4	4.7	0.15	28.5	28.5	26.5	8.6
6	10	1986	1000	B06	3.65	1.6	0.25	27.	26.5	26.5	8.4
6	10	1986	600	B06	1.	0.7	0.5	25.5	25.	25.	7.98
6	10	1986	1800	B06							8.5
6	10	1986	1400	B06	7.45	5.3	0.1	29.5	28.	26.5	8.95
6	10	1986	1000	B07	8.2	2.8	1.1	28.5	26.5	25.5	8.75
6	10	1986	600	B07	2.5	2.	2.	25.	25.	25.	8.65
6	10	1986	1800	B07							8.9
6	10	1986	1400	B07	11.4	6.85	0.55	29.5	28.	26.	9.05
6	10	1986	1000	B08	4.	1.1	0.15	28.	26.	25.5	8.05
6	10	1986	600	B08	1.5	1.3	1.	25.	25.	25.	7.85
6	10	1986	1800	B08							8.15
6	10	1986	1400	B08	7.	1.3	0.2	29.	26.5	25.5	8.25
6	10	1986	1400	B09	7.7	2.	0.15	29.5	27.5	26.5	8.4
6	10	1986	1000	B09	3.95	0.75	0.05	28.	26.5	26.	8.
6	10	1986	600	B09	0.7	0.7	0.5	25.	25.	25.	7.85
6	10	1986	1800	B09							8.25
6	10	1986	1400	B10	11.	3.65	0.3	29.5	27.5	26.5	8.65
6	10	1986	1000	B10	3.1	1.35	0.1	28.	26.5	25.5	8.35
6	10	1986	600	B10	0.3	0.2	0.	25.	25.	25.	7.95
6	10	1986	1800	B10							8.55
6	10	1986	1400	B11	16.8	4.25	0.2	29.5	27.5	26.	8.85
6	10	1986	1000	B11	5.3	0.85	0.25	27.	26.	25.5	8.6
6	10	1986	600	B11	0.2	0.2	0.	24.5	24.5	24.5	8.25
6	10	1986	1800	B11							8.65
6	10	1986	1400	B12	7.1	1.8	1.1	29.5	27.	26.	8.35
6	10	1986	1000	B12	2.05	1.35	0.75	27.	26.5	26.	8.05
6	10	1986	600	B12	2.	2.	1.8	25.	25.	25.	7.75

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
6	10	1986	1800	B12							8.15
7	10	1986	600	B01	0.3	0.2	0.	25.	25.	25.5	7.85
7	10	1986	600	B02	0.6	0.6	0.5	25.	25.	25.	8.15
7	10	1986	600	B03	0.2	0.2	0.	25.	25.	25.	8.25
7	10	1986	600	B04	0.3	0.	0.	25.	25.	25.5	8.25
7	10	1986	600	B05	0.3	0.2	0.	25.	25.	26.	8.
7	10	1986	600	B06	0.6	0.5	0.2	25.	25.	25.5	7.75
7	10	1986	600	B07	2.2	2.	1.8	25.5	25.5	25.5	8.55
7	10	1986	600	B08	1.5	1.5	1.3	25.	25.	25.	7.9
7	10	1986	600	B09	1.	1.	1.	25.	25.	25.	7.9
7	10	1986	600	B10	0.2	0.	0.	25.	25.	25.	7.95
7	10	1986	600	B11	0.3	0.2	0.	25.	25.	25.5	8.2
7	10	1986	600	B12	2.5	2.3	2.2	25.	25.	25.	7.8
20	10	1986	600	B01	0.1	0.1	0.05	23.	23.	23.	7.75
20	10	1986	1800	B01	4.9	3.4	1.05	24.5	24.5	24.5	8.05
20	10	1986	1400	B01	6.8	3.4	0.2	25.	24.5	24.	8.6
20	10	1986	1000	B01	3.6	2.95	1.9	23.5	23.5	23.5	8.1
20	10	1986	600	B02	0.4	0.35	0.2	23.	23.	23.	7.85
20	10	1986	1800	B02	5.5	5.25	3.8	24.	24.	24.	8.2
20	10	1986	1400	B02	6.25		2.2	24.5		24.	8.65
20	10	1986	1000	B02	3.	2.5	1.05	23.5	23.5	23.5	8.
20	10	1986	600	B03	0.2	0.1	0.05	23.	23.5	23.5	7.95
20	10	1986	1800	B03	6.6	6.5	0.5	24.5	24.5	24.	8.45
20	10	1986	1400	B03	7.95	5.8	0.8	25.	24.5	23.5	8.8
20	10	1986	1000	B03	3.9	3.9	2.	23.5	23.5	23.5	8.35
20	10	1986	600	B04	0.3	0.1	0.05	23.5	23.5	23.5	7.95
20	10	1986	1800	B04	10.5	10.4	6.4	24.5	24.5	24.5	8.5
20	10	1986	1400	B04	13.6	12.7	8.05	25.5	25.5	24.5	8.95
20	10	1986	1000	B04	5.8	5.5	3.85	23.5	23.5	23.5	8.25
20	10	1986	1000	B05	4.3	3.9	3.5	24.	24.	24.	8.3
20	10	1986	600	B05	0.2	0.1	0.05	23.5	23.5	23.5	7.95
20	10	1986	1800	B05	10.4	10.2	1.5	24.5	25.	24.5	8.6
20	10	1986	1400	B05	13.2	10.3	2.8	25.5	25.5	24.5	8.6
20	10	1986	1000	B06	2.5	2.	1.65	24.	24.	24.	8.05
20	10	1986	600	B06	0.3	0.2	0.1	23.5	23.5	23.5	7.65
20	10	1986	1800	B06	8.95	5.55	0.2	24.5	24.5	24.5	8.25
20	10	1986	1400	B06	8.35	4.7	3.85	25.5	25.	24.5	8.95
20	10	1986	1000	B07	3.65	3.6	3.45	23.5	23.5	23.5	8.
20	10	1986	600	B07	2.1	2.	1.9	23.	23.	23.	7.85
20	10	1986	1800	B07	6.05	6.05	6.05	24.5	24.5	24.5	8.3
20	10	1986	1400	B07	6.7	6.65	5.8	25.	25.	24.5	9.05
20	10	1986	1000	B08	3.9	3.85	3.8	23.5	23.5	23.5	8.2
20	10	1986	600	B08	3.2	3.1	3.	23.	23.	23.	8.
20	10	1986	1800	B08	5.3	5.2	5.2	24.	24.	24.	8.25

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	10	1986	1400	B08	6.25	6.2	2.1	25.	25.	24.5	8.25
20	10	1986	1400	B09	5.95	5.95	3.7	24.5	24.5	24.5	8.4
20	10	1986	1000	B09	3.3	3.2	3.15	23.5	23.5	23.5	8.1
20	10	1986	600	B09	2.4	2.3	2.2	23.	23.	23.5	7.95
20	10	1986	1800	B09	5.25	5.2	5.15	24.5	24.5	24.5	8.25
20	10	1986	1400	B10	6.95	6.95	6.2	25.	25.	24.5	8.65
20	10	1986	1000	B10	2.9	2.9	2.9	23.5	23.5	23.5	8.2
20	10	1986	600	B10	1.	0.9	0.9	23.5	23.5	23.5	8.05
20	10	1986	1800	B10	5.35	5.35	5.35	24.5	24.5	24.5	8.35
20	10	1986	1400	B11	8.65	8.65	0.7	25.5	25.5	24.5	8.85
20	10	1986	1000	B11	4.4	4.	3.6	23.5	23.5	24.	8.3
20	10	1986	600	B11	0.2	0.1	0.05	23.5	24.	24.	8.
20	10	1986	1800	B11	5.2	5.1	5.1	24.5	24.5	24.5	8.35
20	10	1986	1400	B12	7.3	6.95	1.65	26.	26.	24.	8.35
20	10	1986	1000	B12	3.95	3.9	3.65	24.	24.	24.	7.95
20	10	1986	600	B12	3.2	3.1	3.	23.5	23.5	23.5	7.75
20	10	1986	1800	B12	6.55	6.5	1.4	25.	25.5	24.	8.15
21	10	1986	600	B01	0.45	0.25	0.1	23.	23.	23.	7.8
21	10	1986	600	B02	1.4	1.35	1.2	23.	23.	23.	8.
21	10	1986	600	B03	0.35	0.35	0.25	23.5	23.5	23.5	8.
21	10	1986	600	B04	0.1	0.1	0.05	23.5	23.5	23.5	8.05
21	10	1986	600	B05	0.15	0.1	0.05	23.5	23.5	23.5	8.05
21	10	1986	600	B06	0.15	0.1	0.1	23.5	23.5	23.5	7.75
21	10	1986	600	B07	3.45	3.45	3.35	23.5	23.5	23.5	8.05
21	10	1986	600	B08	3.85	3.85	3.7	23.	23.	23.	8.15
21	10	1986	600	B09	3.1	3.05	2.95	23.5	23.5	23.5	8.
21	10	1986	600	B10	0.9	0.85	0.8	23.5	23.5	23.5	8.1
21	10	1986	600	B11	0.2	0.1	0.05	23.5	23.5	23.5	8.05
21	10	1986	600	B12	3.55	3.55	3.55	23.5	23.5	23.5	7.9
3	11	1986	600	B01	0.5	0.5	0.	24.5	24.5	24.5	7.85
3	11	1986	1800	B01	9.1	7.	0.2	27.5	27.5	26.	8.5
3	11	1986	1400	B01	15.6	7.5	0.4	28.5	28.	25.5	8.75
3	11	1986	1000	B01	9.1	3.8	0.5	26.	25.5	24.5	8.35
3	11	1986	600	B02	2.5	2.5	2.	24.5	24.5	24.5	8.15
3	11	1986	1800	B02	8.75	7.7	0.15	27.	26.5	24.5	8.8
3	11	1986	1400	B02	9.6	7.	0.15	27.5	27.	24.5	8.7
3	11	1986	1000	B02	6.2	2.	0.8	25.5	24.5	24.5	8.4
3	11	1986	600	B03	0.5	0.5	0.5	24.5	24.5	24.5	8.2
3	11	1986	1800	B03	8.3	5.8	0.3	27.	27.	25.5	8.8
3	11	1986	1400	B03	11.4	6.1	0.2	28.	27.	25.	8.8
3	11	1986	1000	B03	9.05	3.9	0.3	25.5	25.5	24.5	8.5
3	11	1986	600	B04	0.5	0.2	0.	24.5	24.5	24.5	8.35
3	11	1986	1800	B04	14.1	11.6	0.2	27.5	27.5	26.	8.9
3	11	1986	1400	B04	16.1	11.	0.6	28.	27.5	25.5	9.

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
3	11	1986	1000	B04	9.2	5.6	0.4	26.	25.5	25.	8.75
3	11	1986	1000	B05	7.35	2.2	0.2	26.	25.5	25.	8.5
3	11	1986	600	B05	0.2	0.2	0.	24.5	24.5	24.5	8.15
3	11	1986	1800	B05	10.4	6.9	0.2	27.5	27.5	26.5	8.7
3	11	1986	1400	B05	15.8	7.	0.2	28.5	27.5	25.5	8.85
3	11	1986	1000	B06	9.15	3.6	0.2	26.5	26.	25.5	8.75
3	11	1986	600	B06	0.8	0.5	0.2	24.5	24.5	25.	7.85
3	11	1986	1800	B06	7.15	6.15	0.1	28.	28.	26.5	8.8
3	11	1986	1400	B06	12.6	6.05	0.4	28.5	27.5	26.	9.1
3	11	1986	1000	B07	11.	7.3	3.75	27.	25.5	24.5	8.9
3	11	1986	600	B07	5.4	5.2	5.	24.5	24.5	24.5	8.75
3	11	1986	1800	B07	11.	10.9	2.	27.5	27.5	25.5	9.1
3	11	1986	1400	B07	17.6	10.4	3.	29.	27.5	25.	9.15
3	11	1986	1000	B08	7.8	3.6	1.8	26.5	24.5	24.	8.4
3	11	1986	600	B08	4.	4.	3.	24.	24.	23.5	8.15
3	11	1986	1800	B08	8.5	8.45	0.5	27.	27.	24.	8.8
3	11	1986	1400	B08	11.8	4.9	1.	28.5	26.5	24.5	8.7
3	11	1986	1400	B09	11.1	3.35	0.6	29.	27.	24.5	8.55
3	11	1986	1000	B09	7.2	2.4	1.5	27.5	25.5	24.5	8.25
3	11	1986	600	B09	2.	2.	1.5	24.5	24.5	24.5	8.
3	11	1986	1800	B09	6.9	6.9	0.3	27.	27.	24.5	8.6
3	11	1986	1400	B10	19.	3.	0.15	29.	26.5	25.	8.9
3	11	1986	1000	B10	10.5	1.35	0.1	26.	25.	24.5	8.55
3	11	1986	600	B10	2.	1.8	1.	24.5	24.5	24.5	8.05
3	11	1986	1800	B10	11.5	5.6	0.1	27.5	27.	25.	8.75
3	11	1986	1400	B11		12.4	0.5	29.	27.5	25.5	9.05
3	11	1986	1000	B11	7.75	2.	0.3	27.	25.5	25.	8.7
3	11	1986	600	B11	0.5	0.5	0.2	24.5	24.5	24.5	8.2
3	11	1986	1800	B11	13.	7.	0.2	27.5	27.5	25.5	8.9
3	11	1986	1400	B12	11.7	3.8	0.4	30.	26.5	24.4	8.7
3	11	1986	1000	B12	7.75	3.65	0.85	27.	25.5	24.5	8.3
3	11	1986	600	B12	3.5	2.5	0.8	24.	24.	24.	8.
3	11	1986	1800	B12	8.3	4.95	0.7	28.	27.5	24.5	8.6
4	11	1986	600	B01	0.5	0.5	0.3	25.	25.	25.	8.
4	11	1986	600	B02	2.5	2.5	2.	24.5	24.5	24.5	8.3
4	11	1986	600	B03	0.5	0.3	0.	25.	25.	25.	8.35
4	11	1986	600	B04	0.2	0.	0.	25.	25.	25.	8.4
4	11	1986	600	B05	0.2	0.2	0.	25.	25.	25.	8.4
4	11	1986	600	B06	0.5	0.5	0.	24.5	24.5	25.	8.15
4	11	1986	600	B07	4.9	4.8	4.	25.	25.	25.	8.8
4	11	1986	600	B08	3.5	3.	3.	24.	24.	24.	8.3
4	11	1986	600	B09	2.8	2.5	2.	24.5	24.5	24.5	8.15
4	11	1986	600	B10	1.5	1.5	1.	24.5	24.5	24.5	8.35
4	11	1986	600	B11	0.3	0.5	0.	24.5	24.5	24.5	8.45
4	11	1986	600	B12	3.5	3.	1.	24.5	24.5	24.5	8.15

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
16	2	1987	1800	B01	11.	10.	1.8	26.	26.	23.5	8.5
16	2	1987	1400	B01	13.1	8.2	3.8	29.5	25.5	23.5	8.2
16	2	1987	1000	B01	8.42	6.5	4.	25.	23.5	22.5	7.8
16	2	1987	600	B01	2.4	2.3	2.3	22.	22.	22.	7.55
16	2	1987	1800	B02	8.2	5.	2.8	26.	25.	22.5	8.55
16	2	1987	1400	B02	10.4	5.2	3.5	29.5	23.5	22.5	8.6
16	2	1987	1000	B02	9.85	5.8	4.3	25.	22.5	22.	8.1
16	2	1987	600	B02	5.1	5.	5.05	22.	22.	22.	8.1
16	2	1987	1800	B03	12.1	11.8	6.	26.	26.	23.5	9.
16	2	1987	1400	B03	14.1	11.	7.4	28.5	25.5	24.	8.9
16	2	1987	1000	B03	9.9	8.9	7.55	24.5	23.	22.5	8.35
16	2	1987	600	B03	4.5	4.35	4.2	22.	22.	22.	7.85
16	2	1987	1800	B04	18.4	12.	2.8	26.5	25.	23.5	9.2
16	2	1987	1400	B04	20.	7.8	3.5	29.5	24.5	23.5	9.15
16	2	1987	1000	B04	14.	6.	2.45	25.	23.5	22.5	8.4
16	2	1987	600	B04	2.45	2.3	2.2	22.5	22.5	22.5	7.85
16	2	1987	600	B05	4.7	4.6	4.5	22.5	22.5	22.5	8.4
16	2	1987	1800	B05	10.6	10.6	8.4	26.5	26.5	24.	9.
16	2	1987	1400	B05	10.55	10.55	8.2	28.5	26.	23.5	8.85
16	2	1987	1000	B05	7.9	7.2	4.45	24.	23.5	22.5	8.45
16	2	1987	600	B06	6.1	6.05	6.	22.	22.	22.	8.25
16	2	1987	1800	B06	9.95	9.6	6.4	27.	26.5	23.5	9.
16	2	1987	1400	B06	9.8	9.8	6.2	29.5	26.	24.	8.75
16	2	1987	1000	B06	8.	7.1	5.3	24.5	23.	22.5	8.4
16	2	1987	600	B07	4.9	4.7	4.7	22.	22.	22.	7.95
16	2	1987	1800	B07	9.6	9.5	2.8	26.	26.	23.	8.8
16	2	1987	1400	B07	11.	9.	4.	28.5	24.5	23.	8.8
16	2	1987	1000	B07	9.2	6.3	4.35	24.5	23.	22.5	8.1
16	2	1987	600	B08	1.7	1.6	1.5	22.5	22.5	22.5	7.5
16	2	1987	1800	B08	6.4	5.6	2.5	26.	25.5	23.5	8.05
16	2	1987	1400	B08	6.	5.1	2.7	27.5	25.	23.5	8.8
16	2	1987	1000	B08	4.45	3.35	2.	24.5	23.5	22.5	7.6
16	2	1987	1000	B09	5.5	4.8	3.2	24.5	23.5	22.5	7.7
16	2	1987	600	B09	2.2	2.1	2.	22.5	22.5	22.5	7.6
16	2	1987	1800	B09	8.8	8.5	4.2	26.	26.	23.5	8.3
16	2	1987	1400	B09	9.	7.9	4.	28.	25.5	23.5	8.2
16	2	1987	1000	B10	8.7	5.3	4.8	24.5	22.5	22.	8.2
16	2	1987	600	B10	5.3	5.2	5.2	22.	22.	22.	7.95
16	2	1987	1800	B10	9.9	6.3	3.35	26.	24.	22.5	8.6
16	2	1987	1400	B10	10.4	5.25	3.8	27.5	24.	23.5	8.6
16	2	1987	1000	B11	8.3	5.	3.5	24.	22.5	22.5	8.25
16	2	1987	600	B11	3.8	3.7	3.4	22.	22.	22.	7.95
16	2	1987	1800	B11	10.1	9.8	1.25	26.	26.	23.	8.75

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
16	2	1987	1400	B11	12.2	7.	4.	27.	24.5	23.5	8.75
16	2	1987	1000	B12	6.9	5.65	5.25	24.5	23.	22.5	7.85
16	2	1987	600	B12	6.	5.9	5.75	22.	22.	22.	7.8
16	2	1987	1800	B12	7.7	6.4	4.15	26.5	26.	23.	8.3
16	2	1987	1400	B12	8.6	6.6	5.15	29.5	24.5	23.5	8.2
17	2	1987	600	B01	2.6	2.5	2.25	23.5	23.5	23.5	7.85
17	2	1987	600	B02	3.75	3.7	1.8	23.	23.	22.5	8.1
17	2	1987	600	B03	5.7	5.65	5.6	23.5	23.5	23.5	8.35
17	2	1987	600	B04	4.1	4.1	3.8	23.5	23.5	23.5	8.3
17	2	1987	600	B05	4.6	4.55	4.5	23.5	23.5	23.5	8.4
17	2	1987	600	B06	4.9	4.85	4.1	23.5	23.5	23.5	8.2
17	2	1987	600	B07	4.5	4.45	2.35	23.	23.	23.	8.1
17	2	1987	600	B08	0.82	0.75	0.75	23.5	23.5	23.5	7.7
17	2	1987	600	B09	1.4	1.3	1.25	23.5	23.5	23.5	7.8
17	2	1987	600	B10	3.85	3.6	0.2	22.5	22.5	22.5	8.1
17	2	1987	600	B11	3.2	3.15	2.25	23.	23.	23.	8.2
17	2	1987	600	B12	4.85	4.8	4.15	23.	23.	23.	7.9
2	3	1987	600	B01	0.3	0.3	0.	25.	25.	25.	7.5
2	3	1987	1400	B01	11.6	2.7	0.7	31.5	28.	25.5	8.65
2	3	1987	1000	B01	5.55	2.	0.5	26.5	26.	25.5	8.
2	3	1987	1800	B01	6.6	5.35	0.05	28.5	28.	25.5	8.35
2	3	1987	600	B02	3.	3.	0.2	25.	25.	25.	7.65
2	3	1987	1400	B02	7.45	3.4	0.95	31.	26.5	24.5	8.2
2	3	1987	1000	B02	4.05	2.1	0.95	26.5	25.5	24.5	7.9
2	3	1987	1800	B02	5.35	2.55	0.1	27.	26.	24.5	8.1
2	3	1987	600	B03	0.8	0.5	0.3	24.5	24.5	25.	7.65
2	3	1987	1400	B03	9.8	5.	0.75	31.5	28.	25.5	8.65
2	3	1987	1000	B03	5.15	5.3	1.3	27.5	26.5	25.5	8.1
2	3	1987	1800	B03	6.25	5.3	0.1	28.5	28.5	25.5	8.4
2	3	1987	600	B04	0.3	0.	0.	25.	25.	25.	7.65
2	3	1987	1400	B04	8.	2.	0.7	31.	28.	26.5	8.4
2	3	1987	1000	B04	4.55	0.9	0.15	27.	26.5	25.5	7.95
2	3	1987	1800	B04	7.65	5.75	1.1	29.	28.5	26.5	8.25
2	3	1987	1000	B05	4.	1.8	0.9	27.	26.5	25.5	8.05
2	3	1987	1800	B05	7.65	6.2	1.4	29.5	28.5	26.	8.35
2	3	1987	1400	B05	7.45	5.4	1.45	31.	28.5	26.	8.35
2	3	1987	600	B05	2.8	2.5	2.	25.	25.	25.	7.9
2	3	1987	1000	B06	4.6	4.	2.35	26.5	26.5	25.5	7.95
2	3	1987	1800	B06	7.7	6.8	2.2	29.5	29.	26.	8.45
2	3	1987	1400	B06	7.1	5.6	2.35	31.5	28.5	26.	8.4
2	3	1987	600	B06	4.	4.	3.8	25.	25.	25.	7.9
2	3	1987	1000	B07	6.2	3.	0.8	28.	26.	25.	7.9
2	3	1987	1800	B07	5.9	5.8	0.05	28.5	28.5	25.5	8.4
2	3	1987	1400	B07	6.7	5.6	1.1	30.5	27.5	25.5	8.4

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
2	3	1987	600	B07	2.	1.8	1.5	25.	25.	25.	7.65
2	3	1987	1000	B08	7.2	3.3	0.3	27.5	27.	25.5	8.
2	3	1987	1800	B08	6.9	6.9	0.1	28.5	28.5	26.	8.5
2	3	1987	1400	B08	12.2	4.5	0.9	31.	28.5	26.	8.55
2	3	1987	600	B08	0.2	0.	0.	25.	25.	25.	7.5
2	3	1987	1400	B09	12.	9.85	0.7	31.5	28.5	26.	8.65
2	3	1987	600	B09	0.3	0.2	0.	25.	25.	25.	7.55
2	3	1987	1800	B09	6.35	6.3	0.1	28.5	28.5	26.	8.45
2	3	1987	1000	B09	5.85	2.2	0.1	27.5	27.	25.5	8.1
2	3	1987	1400	B10	7.55	3.65	0.95	32.	27.5	25.5	8.35
2	3	1987	600	B10	2.3	2.	1.8	25.	25.	25.	7.7
2	3	1987	1800	B10	6.95	6.95	1.2	28.5	28.5	25.	8.35
2	3	1987	1000	B10	5.05	2.3	1.1	27.5	26.	25.5	7.9
2	3	1987	1400	B11	7.35	3.5	0.8	30.	28.5	26.5	8.3
2	3	1987	600	B11	1.	0.2	0.	25.	25.	25.	7.65
2	3	1987	1800	B11	7.2	7.15	1.25	29.	29.	26.5	8.35
2	3	1987	1000	B11	4.2	3.85	0.1	27.5	27.5	25.5	8.
2	3	1987	1400	B12	6.35	4.45	1.9	32.	26.5	25.5	8.15
2	3	1987	600	B12	4.2	4.	2.5	25.	25.	25.	7.75
2	3	1987	1800	B12	6.95	6.6	1.65	29.5	29.	25.5	8.1
2	3	1987	1000	B12	5.08	3.45	2.15	27.5	26.5	25.5	7.95
3	3	1987	600	B01	0.45	0.4	0.45	25.5	25.5	25.5	7.8
3	3	1987	600	B02	3.45	3.4	3.05	24.5	24.5	24.5	7.95
3	3	1987	600	B03	0.65	0.65	0.65	25.5	25.5	25.5	8.
3	3	1987	600	B04	0.	0.	0.	25.5	25.5	25.5	7.9
3	3	1987	600	B05	2.	2.	1.9	26.	26.	26.	8.
3	3	1987	600	B06	3.5	3.5	3.15	26.	26.	26.	7.95
3	3	1987	600	B07	2.35	2.3	2.3	25.	25.	25.	7.9
3	3	1987	600	B08	0.	0.	0.	25.5	25.5	25.5	7.9
3	3	1987	600	B09	0.05	0.	0.	25.5	25.5	25.5	7.9
3	3	1987	600	B10	2.65	2.65	2.45	25.5	25.5	25.5	8.
3	3	1987	600	B11	0.1	0.1	0.1	26.	26.	26.	7.85
3	3	1987	600	B12	3.55	3.5	3.5	25.5	25.5	25.5	7.9
16	3	1987	1800	B01	11.5	2.5	0.2	27.	24.	22.	8.65
16	3	1987	600	B01	1.6	1.55	0.95	22.5	22.5	22.	7.8
16	3	1987	1000	B01	4.5	2.55	0.15	23.5	22.5	22.5	8.
16	3	1987	1400	B01	12.	3.1	0.15	29.	25.	22.5	8.5
16	3	1987	1800	B02	10.	3.	0.	28.5	24.	22.5	8.4
16	3	1987	600	B02	4.6	4.5	0.85	22.	22.	21.5	8.05
16	3	1987	1000	B02	5.15	3.35	0.85	24.	22.5	21.5	8.2
16	3	1987	1400	B02	10.9	3.5	0.7	30.5	23.5	22.	8.4
16	3	1987	1800	B03	11.5	3.8	0.2	28.	25.	22.5	8.35
16	3	1987	600	B03	1.3	1.2	1.1	22.5	22.5	22.5	7.75
16	3	1987	1000	B03	3.05	2.35	0.7	23.5	23.5	23.	8.

Table 4. Diurnal Measurements. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	TIME	POND#	D.O. DO-TOP	DO-MID	DO-BOT	WATER TEMP TOP	WATER TEMP MID	WATER TEMP BOT	PH
16	3	1987	1400	B03	9.4	0.8	0.1	29.5	24.5	23.	8.35
16	3	1987	1800	B04	11.5	9.5	1.5	28.	28.	24.	8.35
16	3	1987	600	B04	1.	0.95	0.15	23.	23.	23.	7.85
16	3	1987	1000	B04	6.1	1.2	0.1	25.	23.5	23.	8.
16	3	1987	1400	B04	11.5	5.45	0.2	29.	26.5	23.5	8.5
16	3	1987	600	B05	4.2	4.2	2.25	23.	23.	23.	8.1
16	3	1987	1000	B05	6.	3.7	0.9	25.5	23.5	22.5	8.2
16	3	1987	1400	B05	9.4	8.	3.1	29.	25.5	23.5	8.5
16	3	1987	1800	B05	9.	6.3	2.5	29.	26.	23.5	8.5
16	3	1987	600	B06	5.5	5.45	4.	23.	23.	22.5	8.15
16	3	1987	1000	B06	5.5	4.85	1.9	24.5	23.5	22.5	8.15
16	3	1987	1400	B06	8.	7.75	4.	28.5	24.5	23.5	8.55
16	3	1987	1800	B06	9.	6.5	4.	29.	26.	26.	8.6
16	3	1987	600	B07	3.4	3.35	2.4	22.5	22.5	22.5	8.
16	3	1987	1000	B07	5.	3.3	1.8	23.5	22.5	22.	8.15
16	3	1987	1400	B07	10.2	3.4	1.5	28.5	23.	22.5	8.5
16	3	1987	1800	B07	8.	4.5	1.	27.	24.	23.	8.45
16	3	1987	600	B08	0.75	0.65	0.35	23.	23.	22.5	7.75
16	3	1987	1000	B08	5.85	3.3	0.1	25.5	23.5	22.5	8.1
16	3	1987	1400	B08	12.9	9.35	0.2	29.5	25.5	23.	8.6
16	3	1987	1800	B08	12.5	11.5	0.3	28.	27.	23.	8.65
16	3	1987	1000	B09	4.2	1.05	0.05	25.	23.5	23.	8.05
16	3	1987	1400	B09	15.	2.95	0.15	30.	25.5	23.5	8.5
16	3	1987	1800	B09	12.5	10.	0.5	28.	28.	23.	8.45
16	3	1987	600	B09	0.2	0.2	0.1	23.	23.	23.	7.75
16	3	1987	1000	B10	3.5	2.6	0.9	23.5	22.5	22.	8.15
16	3	1987	1400	B10	7.4	3.5	1.1	27.	23.	22.5	8.4
16	3	1987	1800	B10	9.	2.	1.	28.	24.5	22.	8.4
16	3	1987	600	B10	3.6	3.5	2.05	22.	22.	22.	8.1
16	3	1987	1000	B11	6.	1.3	0.3	25.	23.5	23.	8.2
16	3	1987	1400	B11	13.2	3.85	0.1	29.5	25.	23.5	8.6
16	3	1987	1800	B11	12.	7.5	0.1	29.	26.	23.	8.65
16	3	1987	600	B11	1.5	1.4	1.1	23.	23.	23.	8.
16	3	1987	1000	B12	5.2	4.4	2.1	24.	23.	22.	8.15
16	3	1987	1400	B12	8.2	4.3	1.9	28.	23.5	22.5	8.35
16	3	1987	1800	B12	8.7	4.	2.	30.	23.5	22.	8.4
16	3	1987	600	B12	5.25	5.25	2.6	23.	23.	22.	8.1
17	3	1987	600	B01	2.	2.	0.	23.5	23.5	22.5	8.
17	3	1987	600	B02	4.5	4.	0.3	22.5	22.5	22.	8.2
17	3	1987	600	B03	2.	2.	0.5	23.	23.	23.	8.
17	3	1987	600	B04	0.3	0.3	0.	24.	24.	24.	7.9
17	3	1987	600	B05	5.	4.8	0.8	23.5	23.5	23.5	8.2
17	3	1987	600	B06	5.5	5.5	4.	23.5	23.5	23.	8.25
17	3	1987	600	B07	3.	3.	1.5	22.5	22.5	22.5	7.95

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
17	3	1987	600	B08	1.	0.8	0.	22.5	22.5	22.5	7.85
17	3	1987	600	B09	1.	1.	0.	23.5	23.5	23.	7.95
17	3	1987	600	B10	5.	2.	0.	23.5	23.5	23.5	8.1
17	3	1987	600	B11	1.8	1.5	0.3	24.	24.	24.	8.15
17	3	1987	600	B12	5.5	5.	0.2	23.	23.	22.5	8.15
30	3	1987	600	B01	0.15	0.1	0.05	27.	27.	27.	7.75
30	3	1987	1400	B01	6.35	1.85	0.15	30.5	29.	27.	8.4
30	3	1987	1800	B01	4.45	3.1	0.1	28.5	28.5	27.5	8.2
30	3	1987	1000	B01	4.4	1.1	0.1	29.	27.5	27.	7.85
30	3	1987	600	B02	2.6	2.45	0.6	26.5	26.5	26.5	8.
30	3	1987	1400	B02	6.2	1.65	0.15	30.5	28.	26.5	8.35
30	3	1987	1800	B02	5.6	4.45	0.1	28.5	28.5	26.5	8.3
30	3	1987	1000	B02	5.	2.	0.25	28.5	27.	26.5	8.1
30	3	1987	600	B03	0.2	0.15	0.1	27.	27.	27.	7.75
30	3	1987	1400	B03	6.3	3.	0.1	30.5	29.	27.5	8.4
30	3	1987	1800	B03	5.1	4.75	0.1	29.	29.	27.5	8.25
30	3	1987	1000	B03	2.2	2.	0.3	28.5	28.	27.	8.1
30	3	1987	600	B04	0.15	0.1	0.1	27.5	27.5	27.5	7.85
30	3	1987	1400	B04	8.65	4.2	0.15	31.	29.5	27.5	8.65
30	3	1987	1800	B04	4.85	4.55	0.2	29.5	29.5	27.5	8.4
30	3	1987	1000	B04	6.55	2.55	0.4	29.	28.	27.5	8.3
30	3	1987	1000	B05	3.5	2.85	0.35	29.	28.	27.5	8.2
30	3	1987	1800	B05	6.05	4.5	0.25	29.5	29.5	27.5	8.35
30	3	1987	600	B05	2.4	2.3	0.8	27.	27.	27.	8.
30	3	1987	1400	B05	7.2	4.4	0.2	31.5	29.5	27.5	8.5
30	3	1987	1000	B06	4.4	3.35	1.55	29.	28.5	27.5	8.15
30	3	1987	1800	B06	6.5	4.8	1.1	29.5	29.	27.5	8.4
30	3	1987	600	B06	3.7	3.7	3.1	27.5	27.5	27.	8.
30	3	1987	1400	B06	6.95	5.55	2.	31.	29.	28.5	8.5
30	3	1987	1000	B07	3.5	0.8	0.1	28.5	27.	26.5	8.05
30	3	1987	1800	B07	4.45	4.4	0.15	28.5	28.5	27.5	8.3
30	3	1987	600	B07	0.65	0.65	0.6	27.	27.	27.	7.75
30	3	1987	1400	B07	7.6	7.6	0.3	31.	31.	27.	8.55
30	3	1987	1000	B08	5.	2.15	0.2	29.	28.	27.5	8.1
30	3	1987	1800	B08	4.3	4.25	0.7	29.	29.	28.	8.3
30	3	1987	600	B08	0.1	0.1	0.1	27.	27.	27.	7.7
30	3	1987	1400	B08	11.5	11.3	0.2	31.5	31.	27.5	8.6
30	3	1987	1400	B09	8.65	7.7	0.25	31.5	31.	27.5	8.4
30	3	1987	600	B09	0.2	0.1	0.1	27.	27.	27.	7.75
30	3	1987	1000	B09	3.3	2.	0.1	29.	28.	27.5	8.
30	3	1987	1800	B09	3.35	3.3	0.75	29.5	29.5	28.	8.2
30	3	1987	1400	B10	8.05	0.8	0.15	32.	28.	27.	8.6
30	3	1987	600	B10	1.05	1.	1.05	27.	27.	27.	7.9
30	3	1987	1000	B10	2.5	1.5	0.1	28.5	27.5	27.	8.05

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
30	3	1987	1800	B10	4.9	4.8	0.2	29.	29.	27.	8.35
30	3	1987	1400	B11	9.	8.3	0.15	31.5	31.5	27.5	8.7
30	3	1987	600	B11	0.2	0.2	0.1	27.	27.	27.	7.9
30	3	1987	1000	B11	6.25	1.05	0.15	29.5	28.	27.	8.15
30	3	1987	1800	B11	4.05	4.05	0.3	29.5	29.5	28.	8.4
30	3	1987	1400	B12	7.15	2.8	0.3	32.	28.5	26.5	8.55
30	3	1987	600	B12	2.7	2.7	0.4	27.	27.	26.	7.75
30	3	1987	1000	B12	4.25	2.6	0.9	27.	27.	26.5	8.
30	3	1987	1800	B12	6.05	5.95	0.2	29.5	29.5	26.5	8.2
31	3	1987	600	B01	1.35	1.3	1.25	25.	25.	25.	7.85
31	3	1987	600	B02	3.55	3.55	3.55	25.	25.	25.	8.05
31	3	1987	600	B03	0.95	0.95	0.95	25.5	25.5	25.5	7.95
31	3	1987	600	B04	0.1	0.05	0.05	26.	26.	26.	7.95
31	3	1987	600	B05	3.95	2.9	2.85	25.5	25.5	25.5	8.1
31	3	1987	600	B06	4.35	4.35	4.25	26.	26.	26.	8.05
31	3	1987	600	B07	2.9	2.9	2.8	24.5	24.5	24.5	7.9
31	3	1987	600	B08	0.35	0.3	0.3	25.5	25.5	25.5	8.
31	3	1987	600	B09	0.35	0.25	0.2	25.5	25.5	25.5	8.
31	3	1987	600	B10	2.9	2.9	2.85	25.	25.	25.	8.05
31	3	1987	600	B11	0.65	0.6	0.6	25.5	25.5	25.5	7.95
31	3	1987	600	B12	3.85	3.75	3.75	25.5	25.5	25.5	7.9
13	4	1987	1800	B01	7.5	7.5	1.	29.5	29.5	26.	8.35
13	4	1987	1400	B01	9.2	3.5	0.2	31.5	29.5	26.5	8.6
13	4	1987	1000	B01	3.5	1.5	0.1	28.	27.	26.5	8.15
13	4	1987	600	B01	0.5	0.3	0.	26.	26.	26.	7.1
13	4	1987	1800	B02	7.2	7.	1.	29.5	28.5	26.	8.5
13	4	1987	1400	B02	7.6	1.8	0.35	32.	27.5	26.	8.5
13	4	1987	1000	B02	3.7	1.7	0.8	27.5	26.	25.5	8.2
13	4	1987	600	B02	2.5	2.	0.2	25.5	25.5	25.5	7.9
13	4	1987	1800	B03	7.2	7.2	7.	30.	29.	28.	8.5
13	4	1987	1400	B03	10.3	3.8	0.3	32.	29.5	27.5	8.55
13	4	1987	1000	B03	9.4	2.	0.6	29.5	28.5	27.	8.3
13	4	1987	600	B03	0.3	0.	0.	26.	26.	26.	7.8
13	4	1987	1800	B04	8.5	8.	1.	30.	29.	28.	8.4
13	4	1987	1400	B04	12.2	10.9	0.2	32.5	31.	27.5	8.5
13	4	1987	1000	B04	5.1	1.9	0.3	28.5	27.5	26.5	8.35
13	4	1987	600	B04	0.2	0.	0.	26.	26.	26.	7.8
13	4	1987	600	B05	1.8	1.5	0.8	26.	26.	26.	7.8
13	4	1987	1800	B05	7.	7.	3.	30.	30.	27.	8.4
13	4	1987	1400	B05	7.75	5.8	0.2	33.	30.	26.5	8.5
13	4	1987	1000	B05	4.45	2.35	0.3	29.	27.5	26.5	8.2
13	4	1987	600	B06	3.5	3.5	2.5	26.	26.	26.	8.
13	4	1987	1800	B06	6.5	6.5	2.	31.	31.	31.	8.4
13	4	1987	1400	B06	6.8	4.2	1.1	31.5	28.	26.5	8.45

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
13	4	1987	1000	B06	4.4	3.75	0.9	27.5	26.5	26.5	8.1
13	4	1987	600	B07	1.8	1.5	1.	26.	26.	26.	7.7
13	4	1987	1800	B07	6.3	6.	4.	29.	28.	26.5	8.3
13	4	1987	1400	B07	7.8	2.4	0.15	32.	28.5	26.	8.4
13	4	1987	1000	B07	4.5	0.75	0.2	28.	26.	26.	8.25
13	4	1987	600	B08	0.	0.	0.	26.	26.	26.	7.7
13	4	1987	1800	B08	4.	3.8	3.5	30.	30.	27.5	8.15
13	4	1987	1400	B08	10.1	2.8	0.15	32.5	30.5	27.5	8.4
13	4	1987	1000	B08	4.35	4.	0.4	28.5	28.	27.	8.15
13	4	1987	1000	B09	5.3	3.4	0.2	28.	27.5	26.5	8.3
13	4	1987	600	B09	0.	0.	0.	26.	26.	26.	7.8
13	4	1987	1800	B09	6.	5.8	2.	30.	29.	27.5	8.4
13	4	1987	1400	B09	10.	6.	0.5	32.5	30.	27.5	8.5
13	4	1987	1000	B10	2.45	1.35	0.25	27.	26.	25.5	8.25
13	4	1987	600	B10	1.5	1.	0.4	25.5	25.5	25.5	7.9
13	4	1987	1800	B10	6.	6.	1.	29.	28.	26.	8.5
13	4	1987	1400	B10	5.05	3.	0.3	31.	28.5	26.	8.5
13	4	1987	1000	B11	4.4	6.95	0.1	28.5	27.5	26.5	8.4
13	4	1987	600	B11	0.5	0.	0.	26.	26.	26.	7.8
13	4	1987	1800	B11	6.	6.	1.	29.5	29.	28.	8.45
13	4	1987	1400	B11	7.	1.75	0.2	32.5	29.5	27.	8.55
13	4	1987	1000	B12	4.05	2.2	0.45	28.	26.5	26.	8.2
13	4	1987	600	B12	2.3	2.	0.3	26.	26.	26.	7.8
13	4	1987	1800	B12	5.5	5.5	2.	30.	29.	26.	8.2
13	4	1987	1400	B12	5.8	1.8	0.3	32.5	27.5	26.5	8.3
14	4	1987	600	B01	0.05	0.05	0.	27.	27.	27.	7.6
14	4	1987	600	B02	1.95	1.95	0.3	26.5	26.5	26.5	8.
14	4	1987	600	B03	0.05	0.05	0.	27.5	27.5	27.5	7.95
14	4	1987	600	B04	0.05	0.05	0.	28.	28.	27.5	7.9
14	4	1987	600	B05	0.95	0.95	0.55	27.5	27.5	27.5	8.
14	4	1987	600	B06	2.5	2.5	0.4	27.	27.	27.	8.
14	4	1987	600	B07	0.95	0.9	0.15	27.	27.	26.5	7.8
14	4	1987	600	B08	0.05	0.05	0.	28.	28.	27.5	7.8
14	4	1987	600	B09	0.05	0.05	0.	27.5	27.5	27.5	7.9
14	4	1987	600	B10	1.35	1.25	0.35	27.	26.5	26.5	8.1
14	4	1987	600	B11	0.1	0.1	0.05	27.5	27.5	27.5	8.05
14	4	1987	600	B12	1.65	1.6	0.5	27.	27.	27.	8.05
27	4	1987	600	B01	1.5	0.8	0.8	22.5	22.5	22.5	7.3
27	4	1987	1400	B01	7.4	5.8	0.6	25.5	25.	23.	8.
27	4	1987	1000	B01	5.8	4.4	1.6	23.5	23.	22.5	8.1
27	4	1987	1800	B01	6.45	6.35	5.2	24.5	24.5	24.5	8.1
27	4	1987	600	B02	4.5	4.5	4.	22.	22.	22.	7.9
27	4	1987	1400	B02	7.	5.55	3.	25.5	24.5	22.5	8.35
27	4	1987	1000	B02	5.8	5.45	3.8	23.5	23.	22.	8.3

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	4	1987	1800	B02	6.45	6.65	2.2	24.5	24.5	24.	8.3
27	4	1987	600	B03	2.	1.8	1.5	22.	22.	22.	7.9
27	4	1987	1400	B03	7.6	5.3	1.5	26.	25.5	23.5	8.4
27	4	1987	1000	B03	4.75	4.55	3.75	23.5	23.	23.	8.2
27	4	1987	1800	B03	6.3	6.3	4.1	25.	24.5	24.5	8.25
27	4	1987	600	B04	1.	1.	0.5	22.5	22.5	22.5	7.9
27	4	1987	1400	B04	10.1	7.2	0.5	26.5	25.5	23.5	8.55
27	4	1987	1000	B04	5.55	5.4	1.2	23.5	23.5	23.5	8.25
27	4	1987	1800	B04	7.85	7.5	1.3	25.	25.	24.5	8.4
27	4	1987	1000	B05	4.9	4.65	2.1	23.5	23.	22.5	8.25
27	4	1987	1800	B05	7.15	6.75	0.6	25.5	25.	23.5	8.5
27	4	1987	1400	B05	7.2	4.	1.4	26.5	25.	23.	8.45
27	4	1987	600	B05	3.8	3.8	3.	22.5	22.5	22.	8.
27	4	1987	1000	B06	5.8	5.8	3.8	23.5	23.5	22.5	8.3
27	4	1987	1800	B06	7.25	7.	3.45	25.5	25.5	23.5	8.5
27	4	1987	1400	B06	6.95	5.25	2.75	26.5	27.	23.	8.5
27	4	1987	600	B06	5.	5.	4.8	23.	23.	23.	8.1
27	4	1987	1000	B07	5.5	5.45	4.9	23.5	23.5	23.	8.1
27	4	1987	1800	B07	6.5	6.45	6.45	24.5	24.5	24.5	8.35
27	4	1987	1400	B07	6.9	6.8	2.65	26.	25.5	23.5	8.35
27	4	1987	600	B07	3.5	3.5	3.	22.	22.	22.	7.9
27	4	1987	1000	B08	6.1	5.95	5.8	23.5	23.5	23.5	8.2
27	4	1987	1800	B08	7.55	7.55	7.55				8.45
27	4	1987	1400	B08	10.	10.	7.8	26.	26.	25.5	8.55
27	4	1987	600	B08	1.	0.8	0.8	22.5	22.5	22.5	7.8
27	4	1987	1400	B09	9.9	9.9	3.	26.	26.	24.5	8.5
27	4	1987	600	B09	1.5	1.	0.5	22.5	22.5	22.5	7.8
27	4	1987	1800	B09	6.85	6.8	6.8				8.4
27	4	1987	1000	B09	5.95	5.85	5.65	23.5	23.5	23.5	8.25
27	4	1987	1400	B10	7.3	7.05	3.25	26.5	26.5	23.5	8.45
27	4	1987	600	B10	4.5	4.5	4.	22.5	22.5	22.5	8.1
27	4	1987	1800	B10	6.8	6.75	3.7	25.	25.	24.5	8.4
27	4	1987	1000	B10	5.25	5.25	5.25	23.5	23.5	23.5	8.25
27	4	1987	1400	B11	11.1	10.6	3.05	26.5	26.5	24.	8.7
27	4	1987	600	B11	1.8	1.5	1.2	22.5	22.5	22.5	8.
27	4	1987	1800	B11	8.5	8.5	8.45	25.5	25.5	25.5	8.6
27	4	1987	1000	B11	5.95	5.8	4.75	23.5	23.5	23.5	8.35
27	4	1987	1400	B12	7.25	5.5	1.4	27.5	26.	23.	8.55
27	4	1987	600	B12	4.5	4.	4.	23.	23.	23.	8.1
27	4	1987	1800	B12	7.	7.	0.7	25.5	25.5	23.5	8.5
27	4	1987	1000	B12	5.1	4.95	2.85	23.5	23.5	23.	8.15
28	4	1987	600	B01	2.	1.8	1.5	22.5	22.5	22.5	7.95
28	4	1987	600	B02	5.3	5.	5.	22.	22.	22.	8.2
28	4	1987	600	B03	2.8	2.5	2.2	22.5	22.5	22.5	8.

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	4	1987	600	B04	0.8	0.5	0.3	22.5	22.5	22.5	8.05
28	4	1987	600	B05	4.	3.8	3.5	22.5	22.5	22.5	8.1
28	4	1987	600	B06	5.8	5.5	5.	22.5	22.5	22.5	8.15
28	4	1987	600	B07	4.2	4.	4.	22.5	22.5	22.5	8.
28	4	1987	600	B08	1.5	1.	0.5	22.5	22.5	22.5	8.
28	4	1987	600	B09	1.	0.5	0.3	22.5	22.5	22.5	8.
28	4	1987	600	B10	5.	4.9	4.8	22.5	22.5	22.5	8.2
28	4	1987	600	B11	1.8	1.5	1.	22.5	22.5	22.5	8.1
28	4	1987	600	B12	4.5	4.3	4.	22.5	22.5	22.	8.
11	5	1987	1800	B01	5.6	4.8	0.2	27.	27.	26.	8.25
11	5	1987	600	B01	0.35	0.3	0.2	24.5	24.5	24.5	7.6
11	5	1987	1000	B01	8.5	5.85	0.4	27.	26.5	25.	8.1
11	5	1987	1400	B01	8.8	5.8	0.3	28.5	27.5	25.5	8.4
11	5	1987	1800	B02	6.15	2.55	0.25	27.	26.5	24.5	8.3
11	5	1987	600	B02	3.2	3.	2.6	24.5			8.05
11	5	1987	1000	B02	4.	3.15	1.4	26.5	25.5	24.5	8.25
11	5	1987	1400	B02	5.6	1.5	0.7	28.	26.	24.5	8.35
11	5	1987	1800	B03	7.	6.15	0.2	27.5	27.	25.5	8.4
11	5	1987	600	B03	1.4	1.2	1.2	24.5	24.5	25.	8.
11	5	1987	1000	B03	5.25	3.15	1.55	26.5	26.	25.5	8.4
11	5	1987	1400	B03	9.6	8.7	0.9	27.5	26.	26.	8.6
11	5	1987	1800	B04	8.3	6.6	0.2	21.5	27.5	25.5	8.6
11	5	1987	600	B04	0.3	0.25	0.2	25.	25.	25.	8.15
11	5	1987	1000	B04	9.4	1.4	0.2	27.	26.	25.	8.6
11	5	1987	1400	B04	13.4	8.6	0.25	29.5	28.	25.5	8.85
11	5	1987	600	B05	1.8	1.5	1.75	25.	25.	25.	8.1
11	5	1987	1000	B05	6.	1.15	0.15	27.5	25.5	25.	8.4
11	5	1987	1400	B05	7.1	2.3	0.3	29.	26.5	25.5	8.6
11	5	1987	1800	B05	6.	4.15	0.25	27.5	27.5	25.5	8.35
11	5	1987	600	B06	4.5	4.4	4.	25.	25.	25.	8.05
11	5	1987	1000	B06	7.75	4.4	2.25	27.	26.	25.	8.2
11	5	1987	1400	B06	7.8	4.4	2.	30.	27.	25.5	8.55
11	5	1987	1800	B06	6.85	3.6	0.7	28.	27.	25.5	8.25
11	5	1987	600	B07	2.6	2.5	2.4	24.5	24.5	24.5	7.9
11	5	1987	1000	B07	8.2	1.2	0.55	28.	25.5	25.	8.35
11	5	1987	1400	B07	11.5	2.81	0.4	30.	27.	25.	8.6
11	5	1987	1800	B07	5.4	5.35	4.8	27.	27.	26.5	8.3
11	5	1987	600	B08	0.6	0.5	0.45	25.	25.	25.	7.85
11	5	1987	1000	B08	14.	4.	0.6	27.5	27.	25.5	8.6
11	5	1987	1400	B08	14.6	7.9	0.35	29.	28.5	26.	8.8
11	5	1987	1800	B08	6.	6.	5.9	27.5	27.5	27.5	8.4
11	5	1987	1000	B09	10.6	1.6	0.8	27.5	27.5	25.5	8.45
11	5	1987	1400	B09	13.4	6.4	0.9	29.5	28.5	26.	8.6
11	5	1987	1800	B09	5.4	5.35	5.35	27.5	27.5	27.5	8.35

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
11	5	1987	600	B09	0.5	0.4	0.3	25.	25.	25.	7.85
11	5	1987	1000	B10	7.75	2.65	0.9	28.	25.5	24.5	8.4
11	5	1987	1400	B10	1.	2.	0.15	30.5	26.5	25.	8.55
11	5	1987	1800	B10	6.	6.	0.2	27.5	27.5	25.	8.45
11	5	1987	600	B10	3.	2.9	2.55	24.5	24.5	24.5	8.1
11	5	1987	1000	B11	9.	1.4	0.7	27.5	26.	25.5	8.65
11	5	1987	1400	B11	15.1	4.55	0.25	30.	27.5	26.	8.75
11	5	1987	1800	B11	7.05	7.	0.4	27.5	27.5	26.5	8.6
11	5	1987	600	B11	0.6	0.4	0.3	25.	25.	25.	8.
11	5	1987	1000	B12	6.05	3.2	1.25	28.5	25.5	25.	8.25
11	5	1987	1400	B12	6.5	2.	0.75	30.5	26.5	25.5	8.45
11	5	1987	1800	B12	6.15	6.15	0.5	28.	28.	25.	8.25
11	5	1987	600	B12	3.25	3.25	3.15	25.	25.	25.	7.9
12	5	1987	600	B01	0.4	0.3	0.25	25.	25.	25.	7.85
12	5	1987	600	B02	3.	2.9	2.	24.5	24.5	24.5	8.2
12	5	1987	600	B03	1.3	1.25	1.15	25.	25.	25.	8.2
12	5	1987	600	B04	0.25	0.2	0.2	25.	25.	25.	8.25
12	5	1987	600	B05	1.45	1.45	1.25	25.5	25.5	25.5	8.15
12	5	1987	600	B06	4.15	4.	2.55	25.5	25.5	25.5	8.2
12	5	1987	600	B07	2.2	2.2	2.15	25.	25.	25.	8.05
12	5	1987	600	B08	0.5	0.5	0.45	25.5	25.5	25.5	7.95
12	5	1987	600	B09	0.4	0.35	0.25	25.5	25.5	25.5	8.05
12	5	1987	600	B10	2.6	2.55	2.45	25.	25.	25.	8.2
12	5	1987	600	B11	0.55	0.5	0.4	25.5	25.5	25.5	8.2
12	5	1987	600	B12	2.65	2.65	2.	25.5	25.5	25.5	8.
25	5	1987	600	B01	0.2	0.2	0.1	25.5	25.	25.	7.85
25	5	1987	1400	B01	7.8	4.3	0.05	27.5	27.	26.	8.15
25	5	1987	1800	B01	5.45	5.4	1.5	27.	27.	27.	8.2
25	5	1987	1000	B01	3.7	1.3	0.3	26.5	26.	25.5	7.95
25	5	1987	600	B02	2.5	2.	1.8	24.5	24.5	24.5	8.05
25	5	1987	1400	B02	7.65	1.35	0.2	27.5	25.5	25.	8.55
25	5	1987	1800	B02	7.	5.7	0.3	26.5	26.5	25.	8.5
25	5	1987	1000	B02	6.25	1.3	0.7	26.5	25.	25.	8.2
25	5	1987	600	B03	0.5	0.3	0.2	25.	25.	25.	7.9
25	5	1987	1400	B03	6.75	6.75	0.15	27.5	27.5	25.5	8.55
25	5	1987	1800	B03	6.1	6.1	0.7	27.	27.	26.5	8.4
25	5	1987	1000	B03	3.1	1.7	0.2	26.5	26.	25.5	8.25
25	5	1987	600	B04	0.	0.	0.	26.	26.	26.	8.
25	5	1987	1400	B04	9.9	9.8	0.3	28.	28.	26.5	8.55
25	5	1987	1800	B04	6.65	6.65	6.45	27.5	27.5	27.5	8.4
25	5	1987	1000	B04	7.55	4.15	0.25	27.5	26.5	26.	8.15
25	5	1987	1000	B05	4.	2.1	0.1	27.	26.5	26.	8.15
25	5	1987	1800	B05	5.8	5.8	1.3	27.5	27.5	27.	8.35
25	5	1987	600	B05	0.4	0.3	0.2	25.	25.	25.	7.9

Table 4. Diurnal Measurements. Honduras, Cycle III, 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	5	1987	1400	B05	6.95	6.7	0.2	28.5	28.5	26.	8.45
25	5	1987	1000	B06	4.22	2.5	1.25	27.	26.	25.5	8.1
25	5	1987	1800	B06	6.85	6.85	0.8	27.5	27.5	26.	8.45
25	5	1987	600	B06	3.5	3.5	3.5	25.	25.	25.	7.9
25	5	1987	1400	B06	6.2	5.	1.8	28.	27.5	26.	8.45
25	5	1987	1000	B07	3.6	1.3	0.1	27.	26.	25.5	8.15
25	5	1987	1800	B07	5.1	4.	0.3	27.	27.	26.	8.25
25	5	1987	600	B07	1.3	1.2	1.	25.	25.	25.	7.85
25	5	1987	1400	B07	6.85	3.2	0.05	27.5	26.5	25.5	8.5
25	5	1987	1000	B08	6.2	3.	0.2	27.5	26.5	26.	8.05
25	5	1987	1800	B08	3.55	3.4	3.2	27.5	27.5	27.5	8.1
25	5	1987	600	B08	0.2	0.1	0.	25.	25.	25.	7.75
25	5	1987	1400	B08	5.3	4.8	0.25	28.	28.	26.5	8.35
25	5	1987	1400	B09	7.2	4.05	0.7	27.5	27.	26.5	8.7
25	5	1987	600	B09	0.1	0.	0.	25.	25.	25.	8.
25	5	1987	1000	B09	4.	2.35	0.2	27.5	26.5	26.	8.65
25	5	1987	1800	B09	6.35	6.35	0.6	27.5	27.5	27.	8.45
25	5	1987	1400	B10	3.7	2.02	0.2	27.5	26.5	25.5	8.45
25	5	1987	600	B10	2.	1.8	1.8	25.	25.	25.	8.05
25	5	1987	1000	B10	2.35	1.3	0.35	26.5	25.5	25.5	8.3
25	5	1987	1800	B10	4.7	3.55	0.3	27.	26.5	25.5	8.35
25	5	1987	1400	B11	8.05	2.6	0.2	28.	27.5	26.	8.75
25	5	1987	600	B11	0.2	0.2	0.	25.	25.	25.	8.1
25	5	1987	1000	B11	5.6	1.1	0.1	27.5	26.5	26.	8.65
25	5	1987	1800	B11	4.5	4.4	0.2	27.5	27.5	26.5	8.5
25	5	1987	1400	B12	5.	1.85	0.15	28.	27.	25.5	8.4
25	5	1987	600	B12	2.3	2.2	2.2	25.	25.	25.	7.85
25	5	1987	1000	B12	2.65	1.75	0.65	27.5	26.	26.	8.2
25	5	1987	1800	B12	4.	3.5	0.25	27.5	27.5	26.	8.3
26	5	1987	600	B01	0.4	0.3	0.	25.	25.	25.	8.05
26	5	1987	600	B02	2.5	2.	0.5	25.	25.	25.	8.25
26	5	1987	600	B03	0.4	0.3	0.2	25.	25.	25.	8.05
26	5	1987	600	B04	0.3	0.3	0.	25.	25.	25.	8.15
26	5	1987	600	B05	0.5	0.3	0.	25.	25.	25.	8.05
26	5	1987	600	B06	3.5	3.2	3.	25.	25.	25.	8.
26	5	1987	600	B07	1.	1.	0.8	25.	25.	25.	8.15
26	5	1987	600	B08	0.1	0.	0.	25.	25.	25.	7.95
26	5	1987	600	B09	0.2	0.1	0.	25.	25.	25.	8.1
26	5	1987	600	B10	1.6	1.5	1.4	24.5	24.5	24.5	8.15
26	5	1987	600	B11	0.3	0.2	0.	25.	25.	25.	8.15
26	5	1987	600	B12	2.2	2.2	2.	25.	25.	25.	8.
8	6	1987	1800	B01	4.65	3.7	0.2	29.5	29.5	28.	8.3
8	6	1987	1400	B01	6.05	2.	0.2	32.5	29.5	27.5	8.1
8	6	1987	1000	B01	3.15	1.2	0.1	29.	27.5	27.	7.85

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
8	6	1987	600	B01	0.2	0.2	0.15	27.	27.	27.	7.7
8	6	1987	1800	B02	4.7	4.7	0.3	29.5	29.5	26.5	8.35
8	6	1987	1400	B02	7.7	0.7	0.15	33.5	28.	26.5	8.15
8	6	1987	1000	B02	3.5	0.95	0.15	30.	27.	26.5	7.95
8	6	1987	600	B02	1.4	1.4	0.9	26.5	26.5	26.5	7.85
8	6	1987	1800	B03	4.35	4.	0.2	29.5	29.5	28.5	8.4
8	6	1987	1400	B03	4.5	1.3	0.2	32.5	29.	27.5	8.3
8	6	1987	1000	B03	1.6	0.7	0.1	28.5	28.5	27.	8.15
8	6	1987	600	B03	0.3	0.2	0.15	27.	27.	27.	7.85
8	6	1987	1800	B04	7.55	7.35	7.35	30.	30.	30.	8.65
8	6	1987	1400	B04	15.6	6.1	1.1	32.5	30.5	28.5	8.65
8	6	1987	1000	B04	7.4	1.3	0.25	29.5	28.5	27.5	8.4
8	6	1987	600	B04	0.25	0.2	0.2	27.5	27.5	27.5	8.
8	6	1987	600	B05	0.4	0.3	0.3	27.5	27.5	27.5	7.85
8	6	1987	1800	B05	6.3	6.3	0.6	30.5	30.5	29.5	8.55
8	6	1987	1400	B05	9.	3.8	0.2	32.	30.5	28.	8.5
8	6	1987	1000	B05	3.2	0.95	0.15	29.5	28.	27.5	8.2
8	6	1987	600	B06	2.6	2.5	2.35	27.	27.	27.	7.9
8	6	1987	1800	B06	5.95	0.6	0.15	30.5	27.5	27.	8.55
8	6	1987	1400	B06	5.85	3.4	0.7	32.5	28.5	27.5	8.45
8	6	1987	1000	B06	3.4	2.3	0.95	29.5	27.5	27.	8.15
8	6	1987	600	B07	0.4	0.3	0.2	27.	27.	27.	7.75
8	6	1987	1800	B07	5.15	4.45	0.1	29.5	29.5	27.5	8.35
8	6	1987	1400	B07	8.85	2.8	0.15	31.5	29.5	27.	8.4
8	6	1987	1000	B07	2.3	0.6	0.1	28.5	27.	27.	8.1
8	6	1987	600	B08	0.3	0.25	0.15	27.	27.	27.	7.7
8	6	1987	1800	B08	4.7	4.2	0.2	30.	30.	29.5	8.35
8	6	1987	1400	B08	10.5	5.5	0.2	31.5	30.	28.	8.6
8	6	1987	1000	B08	6.3	3.85	0.3	29.	28.	27.5	8.75
8	6	1987	1000	B09	10.	1.7	0.1	30.	28.	27.5	8.2
8	6	1987	600	B09	0.2	0.15	0.15	27.	27.	27.	7.85
8	6	1987	1800	B09	2.4	1.9	0.25	29.5	29.5	29.	8.25
8	6	1987	1400	B09	7.9	4.95	0.1	31.5	30.5	28.	8.45
8	6	1987	1000	B10	3.3	0.7	0.15	28.5	27.5	26.5	8.3
8	6	1987	600	B10	0.45	0.4	0.4	27.	27.	27.	8.05
8	6	1987	1800	B10	4.45	2.75	0.2	29.5	29.5	27.	8.45
8	6	1987	1400	B10	5.65	0.75	0.15	30.5	28.	26.5	8.6
8	6	1987	1000	B11	2.9	1.3	0.3	28.5	28.	27.5	8.4
8	6	1987	600	B11	0.3	0.25	0.2	27.	27.	27.	8.15
8	6	1987	1800	B11	4.75	2.7	0.1	30.	29.5	28.5	8.55
8	6	1987	1400	B11	7.	1.8	0.25	30.5	29.	27.5	8.65
8	6	1987	1000	B12	2.35	0.85	0.15	29.	27.5	27.5	8.05
8	6	1987	600	B12	1.3	1.25	1.15	27.	27.	27.	7.75
8	6	1987	1800	B12	4.6	26.5	0.2	30.5	30.	27.5	8.2

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
8	6	1987	1400	B12	5.1	0.5	0.15	32.5	28.	27.	8.45
9	6	1987	600	B01	0.15	0.1	0.1	27.5	27.5	27.5	7.85
9	6	1987	600	B02	1.25	1.25	0.55	27.5	27.5	27.5	8.1
9	6	1987	600	B03	0.15	0.15	0.15	27.5	27.5	27.5	8.
9	6	1987	600	B04	0.15	0.15	0.15	28.	28.	28.	8.1
9	6	1987	600	B05	0.25	0.2	0.2	28.	28.	28.	8.
9	6	1987	600	B06	2.25	2.25	1.6	28.	28.	28.	7.9
9	6	1987	600	B07	0.45	0.4	0.35	27.5	27.5	27.5	7.95
9	6	1987	600	B08	0.3	0.15	0.15	28.	28.	28.	8.05
9	6	1987	600	B09	0.15	0.15	0.15	27.5	27.5	27.5	8.15
9	6	1987	600	B10	0.65	0.6	0.55	27.5	27.5	27.5	8.2
9	6	1987	600	B11	0.2	0.2	0.2	27.5	27.5	27.5	8.25
9	6	1987	600	B12	1.35	1.35	1.35	27.5	27.5	27.5	7.9
22	6	1987	600	B01	0.5	0.5	0.1	29.	29.	29.	7.85
22	6	1987	1400	B01	6.9	4.	0.25	32.5	31.5	29.5	8.4
22	6	1987	1000	B01	5.1	2.25	0.25	30.5	29.5	29.	8.3
22	6	1987	1800	B01	11.	3.5	0.5	31.	30.	29.	8.65
22	6	1987	600	B02	0.5	0.4	0.3	28.	28.	28.	7.85
22	6	1987	1400	B02	3.	1.3	0.15	31.5	30.	28.5	8.25
22	6	1987	1000	B02	2.45	0.7	0.15	30.5	29.	28.5	8.1
22	6	1987	1800	B02	4.	2.	0.4	30.	29.	28.	8.45
22	6	1987	600	B03	0.4	0.3	0.	28.5	28.5	28.5	7.9
22	6	1987	1400	B03	5.	2.4	0.2	32.5	30.5	29.	8.4
22	6	1987	1000	B03	3.	0.8	0.1	30.5	29.5	29.	8.25
22	6	1987	1800	B03	7.	2.5	1.	31.	30.	29.	8.4
22	6	1987	600	B04	0.3	0.2	0.	29.	29.	29.	8.
22	6	1987	1400	B04	8.	2.8	0.8	33.5	32.5	31.	8.5
22	6	1987	1000	B04	4.95	0.45	0.15	31.	30.5	29.5	8.3
22	6	1987	1800	B04	7.5	4.9	0.6	32.	32.	30.	8.5
22	6	1987	1000	B05	3.35	0.95	0.15	31.	29.5	29.5	8.3
22	6	1987	1800	B05	10.	3.	0.8	31.	30.	29.5	8.65
22	6	1987	1400	B05	3.5	3.2	0.2	33.5	32.	29.5	8.65
22	6	1987	600	B05	0.9	0.5	0.1	28.5	28.5	28.5	8.
22	6	1987	1000	B06	3.	1.5	1.25	30.5	29.	28.5	8.05
22	6	1987	1800	B06	7.1	4.	0.5	31.5	30.	28.	8.3
22	6	1987	1400	B06	4.4	1.3	0.35	34.	30.5	28.5	8.45
22	6	1987	600	B06	1.4	0.8	0.5	28.5	28.5	28.5	7.75
22	6	1987	1000	B07	2.5	0.6	0.1	31.5	30.	29.	8.05
22	6	1987	1800	B07	7.	3.8	0.5	31.5	31.	29.	8.4
22	6	1987	1400	B07	6.2	1.2	0.15	34.	31.5	29.	8.4
22	6	1987	600	B07	0.3	0.3	0.1	28.	28.	28.	7.75
22	6	1987	1000	B08	5.3	4.9	0.2	31.	31.	29.5	8.3
22	6	1987	1800	B08	11.	6.2	1.	31.	31.	30.	8.7
22	6	1987	1400	B08	7.8	3.85	0.2	33.	31.5	29.5	8.5

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
22	6	1987	600	B08	0.6	0.4	0.3	28.	28.	28.	7.85
22	6	1987	1400	B09	6.5	3.	0.25	32.5	31.	29.5	8.7
22	6	1987	600	B09	0.5	0.5	0.2	28.5	28.5	28.5	8.15
22	6	1987	1800	B09	11.	4.	2.	31.	30.5	29.5	8.8
22	6	1987	1000	B09	5.55	2.45	0.25	31.	29.5	29.	8.5
22	6	1987	1400	B10	5.05	1.4	0.1	33.	31.5	29.	8.4
22	6	1987	600	B10	0.5	0.3	0.	28.5	28.5	28.5	7.95
22	6	1987	1800	B10	8.	4.5	1.	32.	31.	29.5	8.45
22	6	1987	1000	B10	2.2	0.5	0.1	31.5	29.5	29.	8.25
22	6	1987	1400	B11	4.4	2.4	0.2	33.	31.5	30.	8.5
22	6	1987	600	B11	0.4	0.2	0.	28.5	28.5	28.5	8.05
22	6	1987	1800	B11	9.	4.	0.5	32.	31.	30.	8.55
22	6	1987	1000	B11	3.	0.9	0.15	31.	30.	29.5	8.35
22	6	1987	1400	B12	4.7	4.2	0.2	32.5	32.5	29.5	8.5
22	6	1987	600	B12	1.	0.8	0.5	28.5	28.5	28.5	7.75
22	6	1987	1800	B12	8.	4.	0.8	31.	30.	29.	8.5
22	6	1987	1000	B12	2.	0.95	0.2	30.5	29.5	29.	8.1
23	6	1987	600	B01	0.5	0.3	0.2	28.5	28.5	28.5	8.05
23	6	1987	600	B02	1.5	1.5	1.5	28.	28.	28.	8.15
23	6	1987	600	B03	0.5	0.2	0.	28.5	28.5	28.5	8.05
23	6	1987	600	B04	0.4	0.2	0.	29.	29.	29.	8.15
23	6	1987	600	B05	0.4	0.3	0.	29.	29.	29.	8.1
23	6	1987	600	B06	2.5	2.	2.	28.5	28.5	28.5	8.05
23	6	1987	600	B07	0.3	0.2	0.	29.	29.	29.	8.
23	6	1987	600	B08	0.3	0.3	0.	29.	29.	29.	8.05
23	6	1987	600	B09	0.2	0.1	0.	29.	29.	29.	8.25
23	6	1987	600	B10	0.5	0.5	0.4	29.	29.	29.	8.15
23	6	1987	600	B11	0.4	0.2	0.	29.	29.	29.	8.2
23	6	1987	600	B12	1.5	1.5	1.5	29.	29.	29.	8.15
6	7	1987	1400	B01	10.	5.5	0.2	31.	30.	28.	8.5
6	7	1987	1800	B01	6.25	6.3	0.3	29.5	29.5	28.	8.45
6	7	1987	600	B01	0.2	0.15	0.1	27.	27.	27.	7.75
6	7	1987	1000	B01	6.	2.5	0.1	28.5	28.	27.5	8.3
6	7	1987	1400	B02	5.	1.3	0.1	30.5	28.5	27.5	8.25
6	7	1987	1800	B02	5.45	4.3	0.2	29.5	29.	27.5	8.2
6	7	1987	600	B02	1.05	1.	0.95	26.5	26.5	26.5	7.8
6	7	1987	1000	B02	4.2	1.4	0.2	27.5	27.	27.	8.1
6	7	1987	1400	B03	8.5	4.4	0.3	31.5	29.5	28.	8.55
6	7	1987	1800	B03	6.65	6.15	0.15	29.5	29.5	28.5	8.45
6	7	1987	600	B03	0.2	0.15	0.1	27.	27.	27.	7.9
6	7	1987	1000	B03	5.	1.5	0.3	28.5	27.5	27.5	8.35
6	7	1987	1400	B04	14.5	4.	0.6	30.5	30.	28.5	8.6
6	7	1987	1800	B04	9.15	8.3	0.2	29.5	29.5	28.5	8.55
6	7	1987	600	B04	0.1	0.1	0.05	27.	27.	27.	8.

Table 4. Diurnal Measurements. Honduras, Cycle III, 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
6	7	1987	1000	B04	8.3	3.6	0.1	28.	28.	27.5	8.5
6	7	1987	1800	B05	6.	5.5	0.2	29.5	29.5	28.5	8.3
6	7	1987	600	B05	0.1	0.1	0.1	27.5	27.5	27.5	7.9
6	7	1987	1000	B05	5.8	1.	0.2	28.	28.	28.	8.25
6	7	1987	1400	B05	8.	3.	0.2	29.5	29.5	28.5	8.35
6	7	1987	1800	B06	7.25	3.8	0.2	30.	29.	28.	8.25
6	7	1987	600	B06	1.9	1.85	1.7	26.5	26.5	26.5	7.8
6	7	1987	1000	B06	4.1	1.	0.5	28.5	27.5	27.	8.15
6	7	1987	1400	B06	5.	2.5	0.15	32.	29.5	28.	8.45
6	7	1987	1800	B07	4.7	3.35	0.4	29.5	29.5	28.	8.2
6	7	1987	600	B07	0.4	0.4	0.3	27.	27.	27.	7.75
6	7	1987	1000	B07	7.3	1.2	0.1	29.5	28.5	27.5	8.1
6	7	1987	1400	B07	6.	3.	0.1	31.5	29.5	27.5	8.4
6	7	1987	1800	B08	8.4	7.6	1.	29.5	29.5	28.5	8.35
6	7	1987	600	B08	0.1	0.05	0.05	27.	27.	27.	7.8
6	7	1987	1000	B08	10.5	3.1	0.5	29.5	28.5	28.	8.25
6	7	1987	1400	B08	13.	6.4	0.2	31.	30.	28.	8.55
6	7	1987	600	B09	0.2	0.2	0.05	27.	27.	27.	7.9
6	7	1987	1000	B09	6.7	1.5	0.1	28.5	28.	27.5	8.2
6	7	1987	1400	B09	10.3	6.	0.2	31.5	30.	28.5	8.45
6	7	1987	1800	B09	4.9	4.85	0.2	29.5	29.5	28.5	8.25
6	7	1987	600	B10	0.5	0.45	0.4	26.5	26.5	26.5	8.
6	7	1987	1000	B10	2.	0.75	0.15	29.	27.5	27.	8.35
6	7	1987	1400	B10	4.	1.2	0.2	29.	27.5	27.5	8.6
6	7	1987	1800	B10	5.6	3.6	0.1	29.5	29.	27.5	8.45
6	7	1987	600	B11	0.1	0.1	0.1	27.	27.5	27.5	8.
6	7	1987	1000	B11	6.	2.55	0.85	29.	28.	28.	8.45
6	7	1987	1400	B11	10.5	6.	0.9	32.5	29.	28.5	8.65
6	7	1987	1800	B11	7.35	7.15	0.9	29.5	29.5	29.	8.5
6	7	1987	600	B12	0.65	0.6	0.6	27.	27.	27.	8.
6	7	1987	1000	B12	2.8	0.75	0.2	29.	28.	27.5	8.25
6	7	1987	1400	B12	3.2	1.2	0.1	30.5	29.	28.	8.85
6	7	1987	1800	B12	6.25	5.9	0.1	29.5	29.5	28.	8.55
7	7	1987	600	B01	0.5	0.	0.	27.	27.	27.	7.95
7	7	1987	600	B02	1.1	1.1	1.	27.	26.5	26.5	8.
7	7	1987	600	B03	0.05	0.05	0.05	27.	27.	27.	8.
7	7	1987	600	B04	0.05	0.05	0.	27.5	27.5	27.5	8.1
7	7	1987	600	B05	0.05	0.05	0.05	27.5	27.5	27.5	8.
7	7	1987	600	B06	1.7	1.65	1.6	27.	27.	27.	7.85
7	7	1987	600	B07	0.25	0.2	0.1	27.	27.	27.	7.9
7	7	1987	600	B08	0.05	0.	0.	27.5	27.5	27.5	8.05
7	7	1987	600	B09	0.1	0.1	0.	27.5	27.5	27.5	8.05
7	7	1987	600	B10	0.5	0.45	0.4	27.	27.	27.	8.15
7	7	1987	600	B11	0.15	0.05	0.05	27.5	27.5	27.5	8.15
7	7	1987	600	B12	0.75	0.7	0.7	27.	27.	27.	8.

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Honduras, Cycle III, 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
5	6	1986	B01	STK	nil	21.047	1015	21.4	100		12.		0.9	
5	6	1986	B02	STK	nil	27.964	1015	27.6	100		12.		1.2	
5	6	1986	B03	STK	nil	26.263	1015	25.9	100		11.5		1.3	
5	6	1986	B04	STK	nil	26.433	1015	26.	100		11.3		1.2	
5	6	1986	B05	STK	nil	28.928	1015	27.9	100		12.		1.2	
5	6	1986	B06	STK	nil	28.588	1015	28.3	100		11.4		2.	
5	6	1986	B07	STK	nil	26.15	1015	25.8	100		11.		1.3	
5	6	1986	B08	STK	nil	26.66	1015	26.3	100		11.5		1.3	
5	6	1986	B09	STK	nil	26.093	1015	25.7	100		11.1		1.3	
5	6	1986	B10	STK	nil	26.263	1015	25.9	100		11.4		0.5	
5	6	1986	B11	STK	nil	26.008	1015	25.9	100		11.5		1.2	
5	6	1986	B12	STK	nil	26.462	1015	26.1	100		11.1		1.2	
3	7	1986	B01	SAM	nil			73.4	100	0.4	15.6		0.8	
3	7	1986	B02	SAM	nil			63.8	100	0.4	15.3		0.7	
3	7	1986	B03	SAM	nil			69.2	100	1.6	15.4		0.8	
3	7	1986	B04	SAM	nil			85.6	100	0.8	16.		1.1	
3	7	1986	B05	SAM	nil			83.3	100	4.8	16.4		0.9	
3	7	1986	B06	SAM	nil			81.2	100	0.4	16.1		0.8	
3	7	1986	B07	SAM	nil			68.9	100	2.8	14.9		1.	
3	7	1986	B08	SAM	nil			49.3	100	0.	14.		0.9	
3	7	1986	B09	SAM	nil			67.2	100	0.4	15.2		0.7	
3	7	1986	B10	SAM	nil			68.6	100	2.4	15.		1.	
3	7	1986	B11	SAM	nil			70.6	100	0.4	15.5		0.5	
3	7	1986	B12	SAM	nil			47.9	100	2.	13.6		1.	
7	8	1986	B01	SAM	nil			127.	100	0.8	18.8	20	1.	
7	8	1986	B02	SAM	nil			93.8	100	1.2	17.2	20	0.5	
7	8	1986	B03	SAM	nil			111.4	100	1.2	18.5	20	0.9	
7	8	1986	B04	SAM	nil			141.5	100	5.2	19.6	20	1.	
7	8	1986	B05	SAM	nil			152.	100	8.	19.8	20	0.8	
7	8	1986	B06	SAM	nil			130.7	100	1.2	18.9	20	0.9	
7	8	1986	B07	SAM	nil			110.3	100	2.	18.4	20	0.8	
7	8	1986	B08	SAM	nil			65.5	100	0.4	15.3	20	0.6	
7	8	1986	B09	SAM	nil			94.4	100	4.4	17.3	20	0.6	
7	8	1986	B10	SAM	nil			112.3	100	2.4	17.8	20	0.8	
7	8	1986	B11	SAM	nil			111.7	100	3.2	18.3	20	0.8	
7	8	1986	B12	SAM	nil			69.2	100	0.	15.6	20	0.7	
5	9	1986	B01	SAM	nil			166.4	100	2.7	21.	20	0.8	19.533
5	9	1986	B02	SAM	nil			117.9	100	3.3	18.4	20	0.9	4.394
5	9	1986	B03	SAM	nil			141.2	100	2.4	20.	20	0.8	11.85
5	9	1986	B04	SAM	nil			188.8	100	8.2	21.3	20	1.	1.336
5	9	1986	B05	SAM	nil			180.9	100	4.4	21.2	20	0.7	5.67
5	9	1986	B06	SAM	nil			165.8	100	4.9	21.	20	0.6	9.611
5	9	1986	B07	SAM	nil			132.4	100	6.2	19.3	20	0.8	6.719
5	9	1986	B08	SAM	nil			74.6	100	1.9	16.2	20	0.7	0.567

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Honduras, Cycle III, 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
5	9	1986	B09	SAM	nil			127.	100	4.9	19.	20	0.9	3.714
5	9	1986	B10	SAM	nil			143.4	100	6.2	19.6	20	0.8	0.539
5	9	1986	B11	SAM	nil			135.5	100	2.9	19.7	20	0.8	5.556
5	9	1986	B12	SAM	nil			85.3	100	2.3	16.6	20	0.6	1.417
3	10	1986	B01	SAM	nil			191.6	100	2.9	22.2	20	0.8	18.909
3	10	1986	B02	SAM	nil			131.8	100	4.9	19.7	20	1.	9.554
3	10	1986	B03	SAM	nil			152.8	100	5.4	21.	20	0.8	16.625
3	10	1986	B04	SAM	nil			217.2	100	6.6	23.2	20	0.8	10.886
3	10	1986	B05	SAM	nil			200.4	100	3.1	22.5	20	0.7	4.791
3	10	1986	B06	SAM	nil			188.5	100	8.8	21.6	20	1.	15.224
3	10	1986	B07	SAM	nil			142.9	100	2.4	20.	20	1.3	12.417
3	10	1986	B08	SAM	nil			87.	100	2.5	17.2	20	0.5	3.289
3	10	1986	B09	SAM	nil			141.7	100	1.6	20.	20	1.1	5.897
3	10	1986	B10	SAM	nil			159.3	100	2.2	20.5	20	0.9	7.371
3	10	1986	B11	SAM	nil			153.9	100	7.4	20.9	20	1.1	8.647
3	10	1986	B12	SAM	nil			98.7	100	3.8	17.6	20	1.	3.203
5	11	1986	B01	HAR	nil	178.519	925	183.7	100	3.3	22.6	20	0.6	22.198
5	11	1986	B02	HAR	nil	127.659	890	142.	100	1.9	20.1	20	0.9	14.94
5	11	1986	B03	HAR	nil	166.788	946	172.4	100	5.8	21.3	20	0.8	18.399
5	11	1986	B04	HAR	nil	227.106	997	221.4	100	7.	23.8	20	0.9	18.03
5	11	1986	B05	HAR	nil	207.945	973	209.5	100	9.4	23.4	20	1.1	13.013
5	11	1986	B06	HAR	nil	195.841	971	195.	100	10.1	22.4	20	1.	35.324
5	11	1986	B07	HAR	nil	157.114	990	147.7	100	4.1	20.7	20	1.	17.917
5	11	1986	B08	HAR	nil	89.731	944	91.1	100	1.7	17.8	20	0.7	3.714
5	11	1986	B09	HAR	nil	141.892	964	143.5	100	3.4	20.2	20	0.8	6.776
5	11	1986	B10	HAR	nil	162.435	944	174.6	100	4.6	21.3	20	1.1	14.628
5	11	1986	B11	HAR	nil	166.157	961	175.2	100	8.4	21.8	20	0.9	14.969
5	11	1986	B12	HAR	nil	103.761	958	109.1	100	2.8	18.2	20	0.7	7.881

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Honduras, Cycle III, 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
7	2	1987	B01	STK	Nil	36.973	1012	36.5	100		12.9	20	1.3	
7	2	1987	B02	STK	Nil	36.237	1012	35.8	100		12.9	20	1.1	
7	2	1987	B03	STK	Nil	37.2	1012	36.8	100		12.4	20	1.3	
7	2	1987	B04	STK	Nil	36.604	1012	36.2	100		12.8	20	1.3	
7	2	1987	B05	STK	Nil	36.065	1012	35.6	100		13.	20	1.	
7	2	1987	B06	STK	Nil	36.888	1012	36.5	100		12.8	20	1.5	
7	2	1987	B07	STK	Nil	40.715	1012	40.2	100		12.8	20	1.2	
7	2	1987	B08	STK	Nil	36.69	1012	36.3	100		12.7	20	0.9	
7	2	1987	B09	STK	Nil	37.569	1012	37.1	100		13.2	20	0.8	
7	2	1987	B10	STK	Nil	36.265	1012	35.8	100		12.4	20	2.5	
7	2	1987	B11	STK	Nil	37.852	1012	37.4	100		12.8	20	1.2	
7	2	1987	B12	STK	Nil	35.925	1012	35.5	100		12.7	20	1.3	
12	3	1987	B01	SAM	Nil	8.222	100	82.2	100	7.5	16.4	20	1.2	0.
12	3	1987	B02	SAM	Nil	5.642	100	56.4	100	3.6	15.	20	1.1	0.
12	3	1987	B03	SAM	Nil	8.25	100	82.5	100	1.7	16.1	20	1.4	0.
12	3	1987	B04	SAM	Nil	9.583	100	95.3	100	10.7	17.4	20	1.2	0.
12	3	1987	B05	SAM	Nil	6.521	100	65.2	100	2.7	15.2	20	1.3	0.
12	3	1987	B06	SAM	Nil	6.266	100	62.7	100	4.5	15.4	20	0.9	0.
12	3	1987	B07	SAM	Nil	6.805	100	68.	100	3.8	15.6	20	1.1	0.
12	3	1987	B08	SAM	Nil	9.696	100	97.	100	4.8	16.9	20	1.	0.
12	3	1987	B09	SAM	Nil	9.611	100	96.1	100	4.9	17.3	20	0.9	0.
12	3	1987	B10	SAM	Nil	6.181	100	61.8	100	1.5	14.8	20	1.3	0.
12	3	1987	B11	SAM	Nil	8.704	100	87.	100	3.5	16.7	20	0.8	0.
12	3	1987	B12	SAM	Nil	4.819	100	48.2	100	4.4	14.5	20	1.1	0.
10	4	1987	B01	SAM	Nil	12.558	100	125.6	100	3.	18.5	20	1.1	0.
10	4	1987	B02	SAM	Nil	7.258	100	72.6	100	2.1	16.1	20	0.8	0.
10	4	1987	B03	SAM	Nil	12.332	100	123.3	100	2.8	18.9	20	0.9	0.
10	4	1987	B04	SAM	Nil	14.797	100	148.	100	7.1	19.8	20	1.1	0.227
10	4	1987	B05	SAM	Nil	8.391	100	83.9	100	2.1	16.6	20	1.	0.
10	4	1987	B06	SAM	Nil	7.825	100	78.2	100	1.6	16.1	20	0.8	0.113
10	4	1987	B07	SAM	Nil	9.156	100	91.6	100	0.6	16.9	20	1.	0.
10	4	1987	B08	SAM	Nil	14.939	100	149.4	100	1.4	19.5	20	2.8	0.
10	4	1987	B09	SAM	Nil	14.203	100	142.	100	3.9	19.1	20	1.3	0.
10	4	1987	B10	SAM	Nil	8.675	100	86.7	100	2.7	16.8	20	0.8	0.028
10	4	1987	B11	SAM	Nil	12.841	100	128.4	100	4.6	18.8	20	1.1	0.
10	4	1987	B12	SAM	Nil	7.343	100	73.4	100	3.3	16.2	20	1.	0.042
13	5	1987	B01	SAM	Nil	16.329	100	163.3	100	7.	20.6	20	1.	0.113
13	5	1987	B02	SAM	Nil	8.192	100	81.9	100	4.8	16.9	20	0.7	0.057
13	5	1987	B03	SAM	Nil	17.35	100	173.5	100	3.3	21.1	20	0.9	0.
13	5	1987	B04	SAM	Nil	20.581	100	205.8	100	9.2	22.	20	1.1	0.
13	5	1987	B05	SAM	Nil	10.688	100	106.9	100	1.9	18.2	20	0.7	0.17
13	5	1987	B06	SAM	Nil	9.044	100	90.4	100	3.7	17.	20	0.8	0.765
13	5	1987	B07	SAM	Nil	11.624	100	116.2	100	4.6	18.5	20	1.	0.
13	5	1987	B08	SAM	Nil	21.036	100	210.4	100	6.5	22.3	20	1.	0.

Table 5. Fish/Shrimp Stocking, Sampling, and Harvesting. Honduras, Cycle III, 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
13	5	1987	B09	SAM	Nil	19.675	100	196.7	100	7.7	21.7	20	0.8	0.737
13	5	1987	B10	SAM	Nil	10.432	100	104.3	100	1.8	18.1	20	0.7	0.425
13	5	1987	B11	SAM	Nil	16.613	100	166.1	100	3.4	20.4	20	0.9	0.624
13	5	1987	B12	SAM	Nil	8.676	100	86.7	100	2.4	17.3	20	0.8	0.709
12	6	1987	B01	SAM	Nil	18.768	100	187.7	100	3.8	22.	20	0.7	0.482
12	6	1987	B02	SAM	Nil	11.113	100	111.1	100	1.6	18.7	20	0.6	0.
12	6	1987	B03	SAM	Nil	19.164	100	191.6	100	6.1	21.9	20	0.6	0.
12	6	1987	B04	SAM	Nil	25.657	100	256.6	100	12.8	24.1	20	1.1	0.
12	6	1987	B05	SAM	Nil	13.609	100	136.1	100	1.6	19.8	20	0.6	0.652
12	6	1987	B06	SAM	Nil	10.632	100	106.3	100	2.3	17.9	20	0.5	5.273
12	6	1987	B07	SAM	Nil	14.571	100	145.7	100	3.5	19.9	20	0.6	0.
12	6	1987	B08	SAM	Nil	26.62	100	266.2	100	33.	24.1	20	0.9	0.
12	6	1987	B09	SAM	Nil	23.133	100	231.3	100	6.4	23.2	20	0.7	3.374
12	6	1987	B10	SAM	Nil	12.105	100	121.	100	3.	19.	20	0.6	0.907
12	6	1987	B11	SAM	Nil	19.504	100	195.	100	5.6	22.2	20	0.7	1.616
12	6	1987	B12	SAM	Nil	10.829	100	108.3	100	2.2	18.4	20	0.7	0.765
8	7	1987	B01	HAR	Nil	179.987	909	193.1	100	4.	22.6	20	0.8	6.464
8	7	1987	B02	HAR	Nil	108.414	956	115.1	100	3.	19.1	20	0.7	0.05
8	7	1987	B03	HAR	Nil	187.615	920	208.1	100	4.9	23.3	20	0.7	0.
8	7	1987	B04	HAR	Nil	234.794	856	268.8	100	7.5	25.	20	0.9	1.503
8	7	1987	B05	HAR	Nil	139.451	923	145.1	100	2.3	20.8	20	0.7	6.889
8	7	1987	B06	HAR	Nil	101.661	941	106.6	100	7.	18.2	20	0.8	8.675
8	7	1987	B07	HAR	Nil	160.77	1038	158.2	100	2.7	21.1	20	0.8	0.85
8	7	1987	B08	HAR	Nil	232.209	850	279.5	100	8.8	25.1	20	0.8	0.
8	7	1987	B09	HAR	Nil	217.747	870	255.1	100	8.2	24.3	20	1.	13.665
8	7	1987	B10	HAR	Nil	120.516	924	128.5	100	0.6	20.	20	0.8	4.309
8	7	1987	B11	HAR	Nil	194.601	938	206.7	100	3.3	23.1	20	0.6	5.953
8	7	1987	B12	HAR	Nil	116.915	975	125.3	100	2.2	19.6	20	0.7	2.807

Table 6. Water Quality Characteristics. Honduras, Cycle III, 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
31	5	1986	B01				1.	7.9	80.	10950.	402.	1077.		0.083			29.41			14.	1.6	35.	3.8	78.		3.54		1.52
31	5	1986	B02				1.32	7.9	133.	13180.	363.	1054.		0.111			29.01			17.	1.7	66.	3.6	132.		4.55		1.7
31	5	1986	B03				4.42	8.	125.	17290.	415.	1140.		0.111			28.61			17.	2.	72.	3.6	132.		5.		2.04
31	5	1986	B04				1.23	8.2	125.	20000.	491.	1019.		0.083			25.43			10.	1.4	29.	2.1	150.		8.76		2.65
31	5	1986	B05				1.55	8.	110.	20000.	469.	965.		0.083			26.63			11.	5.5	66.	5.1	126.		6.07		2.26
31	5	1986	B06				1.16	7.8	53.	18630.	371.	935.		0.083			31.79			11.	18.	42.	3.5	102.		5.32		0.78
31	5	1986	B07				0.96	8.	95.	14380.	413.	1120.		0.083			29.41			9.	1.7	39.	2.9	72.		4.52		1.87
31	5	1986	B08				1.03	7.9	95.	7220.	301.	1085.		0.083			29.41			16.	1.5	37.	3.1	117.		3.59		1.96
31	5	1986	B09				0.87	8.2	83.	12310.	367.	1021.		0.083			29.41			11.	2.1	36.	2.8	108.		4.84		2.17
31	5	1986	B10				1.07	8.1	85.	15710.	396.	1016.		0.111			28.22			15.	2.1	70.	3.1	117.		5.3		1.96
31	5	1986	B11				0.96	8.6	95.	20000.	432.	817.		0.083			30.2			12.	1.1	40.	2.7	96.		5.18		4.09
31	5	1986	B12				0.8	8.1	75.	20000.	435.	934.		0.056			28.61			10.	1.7	30.	2.6	90.		6.37		1.3
4	11	1986	B01	54.4	24.8	20.8		7.4	50.					0.112			31.08	900.		17.	2.	116.	5.	147.		3.75		0.99
4	11	1986	B02	56.4	22.8	20.8		7.6	75.					0.084			31.87	825.		15.	2.	89.	5.	108.		3.58		1.57
4	11	1986	B03	56.4	22.8	20.8		7.8	53.					0.084			29.08	825.		14.	2.1	79.	4.2	99.		4.57		1.7
4	11	1986	B04	54.4	28.8	16.8		7.7	120.					0.112			28.68	1150.		14.	3.2	100.	5.	168.		7.42		2.22
4	11	1986	B05	56.4	25.6	18.		7.2	85.					0.167			33.47	1150.		20.	3.4	110.	4.	177.		4.59		1.29
4	11	1986	B06	56.8	27.2	16.		7.6	34.					0.084			31.87	700.		16.	2.	84.	4.3	99.		5.08		0.59
4	11	1986	B07	56.8	25.2	18.		7.5	65.					0.084			31.47	850.		14.	2.	110.	4.3	90.		3.42		1.74
4	11	1986	B08	58.8	25.2	16.		7.8	46.					0.084			31.47	850.		13.	1.2	56.	4.	99.		3.69		1.78
4	11	1986	B09	58.8	25.6	15.6		7.8	46.					0.084			30.68	950.		12.	2.	80.	5.	168.		5.06		1.57
4	11	1986	B10	54.8	25.6	19.6		7.9	65.					0.084			28.29	950.		14.	3.	114.	4.4	183.		6.14		2.52
4	11	1986	B11	59.2	25.2	15.6		7.7	85.					0.084			31.87	950.		10.	2.	110.	4.	129.		4.46		3.13
4	11	1986	B12	59.2	25.2	15.6		7.8	33.					0.084			33.47	750.		10.	1.	52.	3.1	90.		4.44		1.05

Table 6. Water Quality Characteristics. Honduras, Cycle III, 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
5	2	1987	B01	42.86	25.53	7.95	0.073	0.03	0.16	0.19	0.23	0.11	14.			0.	3.1	0.	0.4	1.4	4.3	8.6	0.
5	2	1987	B02	55.1	37.54	8.55	0.038	0.	0.	0.	0.259	0.16	20.			0.	4.7	0.	0.4	1.4	6.	9.6	0.
5	2	1987	B03	38.78	28.03	8.05	0.08	0.03	0.25	0.28	0.288	0.18	16.			0.	4.	0.	0.5	1.5	5.5	9.3	0.
5	2	1987	B04	60.71	41.04	9.25	0.039	0.09	0.02	0.11	0.634	0.39	20.			0.	5.1	0.	0.5	2.	6.8	10.8	0.
5	2	1987	B05	61.73	39.04	9.7	0.073	0.	0.	0.	0.571	0.28	20.			0.	5.4	0.	0.5	2.1	7.1	8.9	0.
5	2	1987	B06	47.96	33.53	9.	0.036	0.	0.	0.	0.232	0.08	18.			0.	4.7	0.	0.5	1.1	5.3	9.4	0.
5	2	1987	B07	50.	34.03	8.45	0.039	0.	0.	0.	0.442	0.29	19.			0.	4.6	0.	0.6	1.4	5.9	9.4	0.
5	2	1987	B08	41.58	40.04	8.4	0.005	0.	0.	0.	0.278	0.18	20.			0.	4.1	0.	0.4	1.1	5.3	10.2	0.
5	2	1987	B09	47.45	23.52	8.6	0.003	0.	0.	0.	0.259	0.12	26.			0.	5.2	0.	0.3	1.1	6.	10.6	0.
5	2	1987	B10	58.67	42.04	8.35	0.003	0.	0.	0.	0.403	0.24	19.			0.	6.2	0.	0.5	1.2	6.6	10.5	0.
5	2	1987	B11	38.78	28.03	8.4	0.	0.02	0.04	0.06	0.297	0.18	18.			0.	4.	0.	0.5	1.6	5.3	8.8	0.
5	2	1987	B12	40.82	25.02	8.55	0.002	0.	0.	0.	0.163	0.07	19.			0.	3.6	0.	0.5	1.9	4.3	9.	0.
6	7	1987	B01	147.5	137.84	7.75	0.027	0.001	0.	0.001	5.9	5.42											
6	7	1987	B02	147.5	110.27	7.8	0.017	0.001	0.	0.001	2.98	2.92											
6	7	1987	B03	179.	129.16	7.9	0.046	0.001	0.	0.001	6.44	5.62											
6	7	1987	B04	260.	183.78	8.	0.046	0.001	0.	0.001	7.44	5.83											
6	7	1987	B05	173.	118.95	7.9	0.025	0.001	0.	0.001	5.45	5.											
6	7	1987	B06	74.	68.41	7.8	0.	0.001	0.	0.001	1.	0.83											
6	7	1987	B07	142.	116.39	7.75	0.013	0.001	0.	0.001	4.96	4.58											
6	7	1987	B08	232.	178.68	7.8	0.043	0.001	0.	0.001	7.87	6.46											
6	7	1987	B09	244.	185.82	7.9	0.243	0.001	0.	0.001	8.43	6.67											
6	7	1987	B10	177.	118.44	8.	0.01	0.001	0.	0.001	4.42	3.96											
6	7	1987	B11	233.	132.22	8.	0.05	0.001	0.	0.001	6.94	6.25											
6	7	1987	B12	102.5	91.38	8.	0.009	0.001	0.	0.001	2.48	2.29											
7	7	1987	B01										18.3		0.05	0.8	18.	0.04	1.2	5.5	18.3	24.	0.11
7	7	1987	B02										14.1		0.05	0.3	15.3	0.02	1.5	4.5	14.1	28.	0.1
7	7	1987	B03										20.5		0.05	0.05	20.	0.02	0.4	6.	20.5	34.	0.08
7	7	1987	B04										37.3		0.05	0.05	36.	0.03	0.7	10.	37.3	52.	0.11
7	7	1987	B05										18.5		0.05	0.05	18.8	0.02	1.3	5.5	18.5	37.	0.09
7	7	1987	B06										6.9		0.05	1.	10.1	0.01	1.	2.9	6.9	13.	0.07
7	7	1987	B07										15.1		0.05	0.3	15.9	0.02	1.	4.9	15.1	24.	0.23
7	7	1987	B08										32.8		0.05	0.2	37.	0.01	0.5	8.	32.8	42.	0.1
7	7	1987	B09										32.1		0.05	0.05	38.	0.03	0.7	9.	32.1	43.	0.15
7	7	1987	B10										15.8		0.05	0.3	16.5	0.03	1.	4.7	15.8	43.	0.09
7	7	1987	B11										23.1		0.05	0.05	19.6	0.01	0.7	6.	23.1	58.	0.12
7	7	1987	B12										11.1		0.05	0.05	16.2	0.01	0.9	3.5	11.1	20.	0.12

Table 7. Pond Soil Characteristics. Honduras, Cycle III, Wet 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
3	6	1986	B01	42.8	34.	8.95	0.61	0.002	0.083	0.085	0.44	0.25	7.		0.	0.	3.3	0.	0.6	1.	6.7	13.6	0.
3	6	1986	B02	61.8	46.	7.9	0.71	0.005	0.015	0.02	0.66	0.45	10.		0.	0.	5.2	0.	1.8	1.4	8.6	17.3	0.
3	6	1986	B03	52.3	32.	8.45	0.57	0.028	0.589	0.617	0.29	0.1	9.		0.	0.	3.4	0.	1.	1.	6.6	13.6	0.
3	6	1986	B04	63.7	58.1	8.	0.75	0.002	0.021	0.023	0.43	0.23	14.		0.	0.	5.8	0.	1.4	1.4	7.6	14.1	0.
3	6	1986	B05	62.	52.	7.95	0.57	0.002	0.041	0.043	0.33	0.17	10.		0.	0.	5.5	0.	1.3	1.4	7.1	15.5	0.
3	6	1986	B06	54.2	37.	8.35	0.82	0.	0.025	0.025	0.19	0.06	5.		0.	0.	4.2	0.	0.9	1.1	5.9	11.3	0.
3	6	1986	B07	61.8	43.	8.2	0.15	0.	0.	0.	0.77	0.54	12.		0.	0.	4.8	0.	1.	1.3	6.9	12.2	0.
3	6	1986	B08	55.	42.	7.8	0.29	0.002	0.021	0.023	0.72	0.49	9.		0.	0.	4.2	0.	1.9	1.2	7.5	12.1	0.
3	6	1986	B09	66.5	51.	7.85	0.17	0.002	0.	0.002	0.86	0.6	8.		0.	0.	6.	0.	1.2	1.5	8.8	13.8	0.
3	6	1986	B10	71.3	58.1	7.85	0.18	0.002	0.	0.002	2.9	0.85	7.		0.	0.	6.	0.	1.3	1.7	10.2	17.2	0.
3	6	1986	B11	43.7	28.	7.85	0.1	0.044	1.012	1.056	0.33	0.16	5.		0.	0.	3.3	0.	0.7	1.	6.3	12.7	0.
3	6	1986	B12	51.3	39.	8.	0.13	0.003	0.01	0.013	0.28	0.12	12.		0.	0.	3.6	0.	1.	1.1	6.	14.3	0.
3	11	1986	B01	137.9	130.33	7.85	0.005	0.001	0.	0.001	6.07	4.5	20.		0.	0.1	12.3	0.	2.3	1.4	15.9	17.5	3.8
3	11	1986	B02	155.63	125.07	8.15	0.023	0.005	0.035	0.04	4.65	3.63	20.		0.	0.	13.2	0.	2.6	1.4	14.9	29.6	1.2
3	11	1986	B03	177.79	143.47	8.2	0.055	0.001	0.004	0.005	5.85	4.13	32.		0.	0.	15.	0.	2.2	1.5	19.2	31.	1.
3	11	1986	B04	257.58	201.8	8.35	0.057	0.001	0.006	0.007	5.8	3.75	28.		0.	0.	62.	0.	1.3	2.	33.	50.	2.3
3	11	1986	B05	237.87	192.34	8.15	0.079	0.001	0.011	0.012	8.51	4.5	31.		0.	0.	38.	0.	1.4	2.1	30.1	44.	2.5
3	11	1986	B06	105.4	105.65	7.85	0.035	0.001	0.	0.001	3.87	2.5	20.		0.	0.1	12.2	0.	1.9	1.1	14.1	10.	1.
3	11	1986	B07	145.78	144.27	8.75	0.012	0.001	0.	0.001	3.57	2.5	18.		0.	1.	15.	0.	2.	1.4	15.5	18.2	1.2
3	11	1986	B08	134.95	118.24	8.15	0.021	0.004	0.029	0.033	3.54	3.38	16.		0.	0.	11.	0.	2.8	1.1	12.6	28.	1.
3	11	1986	B09	146.77	127.7	8.	0.087	0.007	0.053	0.06	2.57	2.5	14.		0.	0.	10.8	0.	2.7	1.1	14.3	34.	1.
3	11	1986	B10	167.94	124.55	8.05	0.01	0.001	0.006	0.007	6.67	5.38	17.		0.	0.	11.9	0.	2.4	1.2	16.3	42.	1.1
3	11	1986	B11	216.95	159.23	8.2	0.015	0.001	0.014	0.015	6.45	5.	24.		0.	0.4	15.1	0.	2.2	1.6	21.8	47.	1.5
3	11	1986	B12	78.31	77.25	8.	0.029	0.001	0.004	0.005	1.98	1.35	10.		0.	0.	7.4	0.	2.9	1.9	7.	10.2	0.7

Table 7. Pond Soil Characteristics. Honduras, Cycle III, 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
30	1	1987	B01				0.92	7.8	54.	12810.	571.	999.		0.055			30.49			18.	1.1	14.	3.8	84.		4.97		1.13
30	1	1987	B02				0.22	8.2	68.	20000.	583.	900.		0.085			35.24			11.	1.1	12.	2.8	84.		6.88		3.
30	1	1987	B03				0.67	8.4	58.	20000.	633.	1000.		0.055			22.97			11.	0.7	12.	2.6	72.		7.41		2.74
30	1	1987	B04				0.41	8.8	92.	20000.	801.	919.		0.083			17.66			8.	0.5	10.	2.4	69.		12.14		3.44
30	1	1987	B05				0.98	8.5	84.	20000.	818.	847.		0.055			25.58			9.	0.7	14.	3.	105.		10.85		2.61
30	1	1987	B06				1.04	8.	35.	20000.	589.	822.		0.069			31.28			13.	0.5	14.	2.8	63.		7.43		0.88
30	1	1987	B07				0.92	7.6	44.	11320.	545.	955.		0.055			28.12			18.	0.5	16.	2.8	63.		7.44		1.35
30	1	1987	B08				0.98	7.8	62.	9880.	502.	895.		0.083			24.			14.	1.	15.	2.8	117.		4.36		1.96
30	1	1987	B09				0.79	8.3	58.	17020.	601.	975.		0.055			31.28			10.	0.6	13.	3.4	93.		5.47		2.26
30	1	1987	B10				0.98	8.4	45.	17650.	619.	965.		0.055			25.74			13.	0.7	16.	3.2	105.		6.68		2.35
30	1	1987	B11				0.7	8.1	56.	20000.	641.	920.		0.055			27.32			11.	0.7	14.	3.4	84.		6.89		4.09
30	1	1987	B12				0.7	8.1	48.	20000.	659.	843.		0.055			29.7			11.	0.7	16.	3.2	54.		6.45		1.26
9	7	1987	B01	55.2	26.8	18.	1.12	7.	100.	10320.	533.	1200.		0.111			33.93			10.	2.	156.	6.4	93.		3.1		
9	7	1987	B02	62.8	25.2	12.	1.12	7.2	145.	11380.	480.	1080.		0.111			34.12			12.	1.9	118.	5.8	102.		3.99		
9	7	1987	B03	55.2	28.8	16.	1.21	7.7	145.	15450.	539.	1253.		0.111			32.14			10.	2.4	120.	6.6	87.		4.66		
9	7	1987	B04	52.8	33.2	14.	1.34	7.7	160.	20000.	505.	1030.		0.139			31.55			10.	3.2	112.	5.8	147.		8.11		
9	7	1987	B05	50.8	33.2	16.	1.43	7.8	75.	15420.	477.	933.		0.139			30.16			11.	3.2	114.	6.2	102.		6.84		
9	7	1987	B06	54.8	25.2	20.	1.25	7.8	135.	9780.	464.	1090.		0.111			32.93			13.	3.	64.	5.4	72.		4.5		
9	7	1987	B07				0.99	7.6	190.	8450.	466.	1230.		0.139			31.74			8.	2.4	138.	6.4	72.		2.74		
9	7	1987	B08				1.66	7.6	110.	15050.	601.	1318.		0.139			31.74			7.	4.	154.	6.2	63.		3.75		
9	7	1987	B09				1.37	7.6	110.	17200.	492.	1215.		0.139			31.74			6.	3.2	158.	6.4	93.		5.35		
9	7	1987	B10	56.8	29.2	14.	0.96	7.7	155.	20000.	561.	1155.		0.111			32.14			10.	2.4	118.	5.8	138.		5.52		
9	7	1987	B11	59.2	30.8	10.	1.21	7.8	160.	20000.	681.	1295.		0.153			31.35			9.	2.6	138.	5.6	75.		5.97		
9	7	1987	B12	53.2	24.8	22.	0.96	7.8	105.	15290.	526.	1030.		0.111			32.14			12.	2.	83.	5.2	57.		4.6		

Table 8. Nutrient and Lime Inputs. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	NUTRIENT TYPE	DRY MATTER %	NUTRIENT N	NUTRIENT P	NUTRIENT K	NUTRIENT ORG-C
5	6	1986	CHICK	86.3	2.31	1.5	14.3	27.81
12	6	1986	CHICK	86.6				
19	6	1986	CHICK	86.7				
26	6	1986	CHICK	88.4				
2	7	1986	CHICK	85.5				
9	7	1986	CHICK	87.8				
16	7	1986	CHICK	90.7				
23	7	1986	CHICK	87.				
30	7	1986	CHICK	88.95				
6	8	1986	CHICK	88.3				
13	8	1986	CHICK	88.				
20	8	1986	CHICK	88.7				
27	8	1986	CHICK	88.65				
3	9	1986	CHICK	89.45				
10	9	1986	CHICK	90.4				
17	9	1986	CHICK	89.35				
24	9	1986	CHICK	88.7				
1	10	1986	CHICK	88.05				
8	10	1986	CHICK	88.95				
15	10	1986	CHICK	88.7				
22	10	1986	CHICK	90.25				
29	10	1986	CHICK	82.95				

Table 8. Nutrient and Lime Inputs. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	NUTRIENT TYPE	DRY MATTER %	NUTRIENT N	NUTRIENT P	NUTRIENT K	NUTRIENT ORG-C
6	2	1987	Chick	88.92	2.16	1.7	2.5	27.77
11	2	1987	Chick	88.4				
18	2	1987	Chick	87.5				
25	2	1987	Chick	88.6				
4	3	1987	Chick	89.83				
11	3	1987	Chick	86.99				
18	3	1987	Chick	89.8				
25	3	1987	Chick	89.77				
1	4	1987	Chick	90.07				
8	4	1987	Chick	91.34				
15	4	1987	Chick	95.24				
22	4	1987	Chick	89.88				
29	4	1987	Chick	90.26				
6	5	1987	Chick	90.3				
13	5	1987	Chick	90.27				
20	5	1987	Chick	89.84				
27	5	1987	Chick	90.17				
3	6	1987	Chick	89.6				
10	6	1987	Chick	89.8				
17	6	1987	Chick	89.58				
24	6	1987	Chick	90.06				
1	7	1987	Chick	88.44				

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
5	6	1986	B01			Chick	578.3
5	6	1986	B02			Chick	290.3
5	6	1986	B03			Chick	578.3
5	6	1986	B04			Chick	1156.7
5	6	1986	B05			Chick	1156.7
5	6	1986	B06			Chick	1156.7
5	6	1986	B07			Chick	290.3
5	6	1986	B08			Chick	145.2
5	6	1986	B09			Chick	145.2
5	6	1986	B10			Chick	290.3
5	6	1986	B11			Chick	578.3
5	6	1986	B12			Chick	145.2
12	6	1986	B01			Chick	576.1
12	6	1986	B02			Chick	288.
12	6	1986	B03			Chick	576.1
12	6	1986	B04			Chick	1152.1
12	6	1986	B05			Chick	1152.1
12	6	1986	B06			Chick	1152.1
12	6	1986	B07			Chick	288.
12	6	1986	B08			Chick	145.2
12	6	1986	B09			Chick	145.2
12	6	1986	B10			Chick	288.
12	6	1986	B11			Chick	576.1
12	6	1986	B12			Chick	145.2
19	6	1986	B01			Chick	576.1
19	6	1986	B02			Chick	288.
19	6	1986	B03			Chick	576.1
19	6	1986	B04			Chick	1152.1
19	6	1986	B05			Chick	1152.1
19	6	1986	B06			Chick	1152.1
19	6	1986	B07			Chick	288.
19	6	1986	B08			Chick	145.2
19	6	1986	B09			Chick	145.2
19	6	1986	B10			Chick	288.
19	6	1986	B11			Chick	576.1
19	6	1986	B12			Chick	145.2
26	6	1986	B01			Chick	562.5
26	6	1986	B02			Chick	281.2
26	6	1986	B03			Chick	562.5
26	6	1986	B04			Chick	1129.5
26	6	1986	B05			Chick	1129.5
26	6	1986	B06			Chick	1129.5
26	6	1986	B07			Chick	281.2
26	6	1986	B08			Chick	140.6

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
26	6	1986	B09			Chick	140.6
26	6	1986	B10			Chick	281.2
26	6	1986	B11			Chick	562.5
26	6	1986	B12			Chick	140.6
2	7	1986	B01			Chick	582.9
2	7	1986	B02			Chick	290.3
2	7	1986	B03			Chick	582.9
2	7	1986	B04			Chick	1165.7
2	7	1986	B05			Chick	1165.7
2	7	1986	B06			Chick	1165.7
2	7	1986	B07			Chick	290.3
2	7	1986	B08			Chick	145.2
2	7	1986	B09			Chick	145.2
2	7	1986	B10			Chick	290.3
2	7	1986	B11			Chick	582.9
2	7	1986	B12			Chick	145.2
9	7	1986	B01			Chick	567.
9	7	1986	B02			Chick	283.5
9	7	1986	B03			Chick	567.
9	7	1986	B04			Chick	1136.3
9	7	1986	B05			Chick	1136.3
9	7	1986	B06			Chick	1136.5
9	7	1986	B07			Chick	283.5
9	7	1986	B08			Chick	140.6
9	7	1986	B09			Chick	140.6
9	7	1986	B10			Chick	283.5
9	7	1986	B11			Chick	567.
9	7	1986	B12			Chick	140.6
16	7	1986	B01			Chick	548.8
16	7	1986	B02			Chick	274.4
16	7	1986	B03			Chick	548.8
16	7	1986	B04			Chick	1010.
16	7	1986	B05			Chick	1010.
16	7	1986	B06			Chick	1010.
16	7	1986	B07			Chick	274.4
16	7	1986	B08			Chick	136.1
16	7	1986	B09			Chick	136.1
16	7	1986	B10			Chick	274.4
16	7	1986	B11			Chick	548.8
16	7	1986	B12			Chick	136.1
23	7	1986	B01			Chick	571.5
23	7	1986	B02			Chick	285.8
23	7	1986	B03			Chick	571.5
23	7	1986	B04			Chick	1147.6
23	7	1986	B05			Chick	1147.6

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
23	7	1986	B06			Chick	1147.6
23	7	1986	B07			Chick	285.8
23	7	1986	B08			Chick	142.9
23	7	1986	B09			Chick	142.9
23	7	1986	B10			Chick	285.8
23	7	1986	B11			Chick	571.5
23	7	1986	B12			Chick	142.9
30	7	1986	B01			Chick	562.5
30	7	1986	B02			Chick	281.2
30	7	1986	B03			Chick	562.5
30	7	1986	B04			Chick	1122.6
30	7	1986	B05			Chick	1122.6
30	7	1986	B06			Chick	1122.6
30	7	1986	B07			Chick	281.2
30	7	1986	B08			Chick	140.6
30	7	1986	B09			Chick	140.6
30	7	1986	B10			Chick	281.2
30	7	1986	B11			Chick	562.5
30	7	1986	B12			Chick	140.6
6	8	1986	B01			Chick	564.7
6	8	1986	B02			Chick	281.2
6	8	1986	B03			Chick	564.7
6	8	1986	B04			Chick	1129.5
6	8	1986	B05			Chick	1129.5
6	8	1986	B06			Chick	1129.5
6	8	1986	B07			Chick	281.2
6	8	1986	B08			Chick	140.6
6	8	1986	B09			Chick	140.6
6	8	1986	B10			Chick	281.2
6	8	1986	B11			Chick	564.7
6	8	1986	B12			Chick	140.6
13	8	1986	B01			Chick	567.
13	8	1986	B02			Chick	283.5
13	8	1986	B03			Chick	567.
13	8	1986	B04			Chick	1134.
13	8	1986	B05			Chick	1134.
13	8	1986	B06			Chick	1134.
13	8	1986	B07			Chick	283.5
13	8	1986	B08			Chick	140.6
13	8	1986	B09			Chick	140.6
13	8	1986	B10			Chick	283.5
13	8	1986	B11			Chick	567.
13	8	1986	B12			Chick	140.6
20	8	1986	B01			Chick	562.5
20	8	1986	B02			Chick	281.2

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
20	8	1986	B03			Chick	562.5
20	8	1986	B04			Chick	1124.9
20	8	1986	B05			Chick	1124.9
20	8	1986	B06			Chick	1124.9
20	8	1986	B07			Chick	281.2
20	8	1986	B08			Chick	140.6
20	8	1986	B09			Chick	140.6
20	8	1986	B10			Chick	281.2
20	8	1986	B11			Chick	562.5
20	8	1986	B12			Chick	140.6
27	8	1986	B01			Chick	562.5
27	8	1986	B02			Chick	281.2
27	8	1986	B03			Chick	562.5
27	8	1986	B04			Chick	1124.9
27	8	1986	B05			Chick	1124.9
27	8	1986	B06			Chick	1124.9
27	8	1986	B07			Chick	281.2
27	8	1986	B08			Chick	140.6
27	8	1986	B09			Chick	140.6
27	8	1986	B10			Chick	281.2
27	8	1986	B11			Chick	562.5
27	8	1986	B12			Chick	140.6
3	9	1986	B01			Chick	557.9
3	9	1986	B02			Chick	279.
3	9	1986	B03			Chick	557.9
3	9	1986	B04			Chick	1115.8
3	9	1986	B05			Chick	1115.8
3	9	1986	B06			Chick	1115.8
3	9	1986	B07			Chick	279.
3	9	1986	B08			Chick	140.6
3	9	1986	B09			Chick	140.6
3	9	1986	B10			Chick	279.
3	9	1986	B11			Chick	557.9
3	9	1986	B12			Chick	140.6
10	9	1986	B01			Chick	551.1
10	9	1986	B02			Chick	276.7
10	9	1986	B03			Chick	551.1
10	9	1986	B04			Chick	1104.5
10	9	1986	B05			Chick	1104.5
10	9	1986	B06			Chick	1104.5
10	9	1986	B07			Chick	276.7
10	9	1986	B08			Chick	138.3
10	9	1986	B09			Chick	138.3
10	9	1986	B10			Chick	276.7
10	9	1986	B11			Chick	551.1

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
10	9	1986	B12			Chick	138.3
17	9	1986	B01			Chick	557.9
17	9	1986	B02			Chick	279.
17	9	1986	B03			Chick	557.9
17	9	1986	B04			Chick	1115.8
17	9	1986	B05			Chick	1115.8
17	9	1986	B06			Chick	1115.8
17	9	1986	B07			Chick	279.
17	9	1986	B08			Chick	140.6
17	9	1986	B09			Chick	140.6
17	9	1986	B10			Chick	279.
17	9	1986	B11			Chick	557.9
17	9	1986	B12			Chick	140.6
24	9	1986	B01			Chick	562.5
24	9	1986	B02			Chick	281.2
24	9	1986	B03			Chick	562.5
24	9	1986	B04			Chick	1124.9
24	9	1986	B05			Chick	1124.9
24	9	1986	B06			Chick	1124.9
24	9	1986	B07			Chick	281.2
24	9	1986	B08			Chick	140.6
24	9	1986	B09			Chick	140.6
24	9	1986	B10			Chick	281.2
24	9	1986	B11			Chick	562.5
24	9	1986	B12			Chick	140.6
1	10	1986	B01			Chick	567.
1	10	1986	B02			Chick	283.5
1	10	1986	B03			Chick	567.
1	10	1986	B04			Chick	1134.
1	10	1986	B05			Chick	1134.
1	10	1986	B06			Chick	1134.
1	10	1986	B07			Chick	283.5
1	10	1986	B08			Chick	140.6
1	10	1986	B09			Chick	140.6
1	10	1986	B10			Chick	283.5
1	10	1986	B11			Chick	567.
1	10	1986	B12			Chick	140.6
8	10	1986	B01			Chick	562.5
8	10	1986	B02			Chick	281.2
8	10	1986	B03			Chick	562.5
8	10	1986	B04			Chick	1122.6
8	10	1986	B05			Chick	1122.6
8	10	1986	B06			Chick	1122.6
8	10	1986	B07			Chick	281.2
8	10	1986	B08			Chick	140.6

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Wet Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
8	10	1986	B09			Chick	140.6
8	10	1986	B10			Chick	281.2
8	10	1986	B11			Chick	562.5
8	10	1986	B12			Chick	140.6
15	10	1986	B01			Chick	562.5
15	10	1986	B02			Chick	281.2
15	10	1986	B03			Chick	562.5
15	10	1986	B04			Chick	1124.9
15	10	1986	B05			Chick	1124.9
15	10	1986	B06			Chick	1124.9
15	10	1986	B07			Chick	281.2
15	10	1986	B08			Chick	140.6
15	10	1986	B09			Chick	140.6
15	10	1986	B10			Chick	281.2
15	10	1986	B11			Chick	562.5
15	10	1986	B12			Chick	140.6
22	10	1986	B01			Chick	553.4
22	10	1986	B02			Chick	276.7
22	10	1986	B03			Chick	553.4
22	10	1986	B04			Chick	1106.8
22	10	1986	B05			Chick	1106.8
22	10	1986	B06			Chick	1106.8
22	10	1986	B07			Chick	276.7
22	10	1986	B08			Chick	138.3
22	10	1986	B09			Chick	138.3
22	10	1986	B10			Chick	276.7
22	10	1986	B11			Chick	553.4
22	10	1986	B12			Chick	138.3
29	10	1986	B01			Chick	601.
29	10	1986	B02			Chick	301.6
29	10	1986	B03			Chick	601.
29	10	1986	B04			Chick	1202.
29	10	1986	B05			Chick	1202.
29	10	1986	B06			Chick	1202.
29	10	1986	B07			Chick	301.6
29	10	1986	B08			Chick	149.7
29	10	1986	B09			Chick	149.7
29	10	1986	B10			Chick	301.6
29	10	1986	B11			Chick	601.
29	10	1986	B12			Chick	149.7

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
6	2	1987	B01			Chick	565.6
6	2	1987	B02			Chick	141.1
6	2	1987	B03			Chick	565.6
6	2	1987	B04			Chick	1131.2
6	2	1987	B05			Chick	282.8
6	2	1987	B06			Chick	141.4
6	2	1987	B07			Chick	282.8
6	2	1987	B08			Chick	1131.2
6	2	1987	B09			Chick	1131.2
6	2	1987	B10			Chick	141.4
6	2	1987	B11			Chick	565.6
6	2	1987	B12			Chick	282.8
11	2	1987	B01			Chick	571.4
11	2	1987	B02			Chick	142.9
11	2	1987	B03			Chick	571.4
11	2	1987	B04			Chick	1142.9
11	2	1987	B05			Chick	285.7
11	2	1987	B06			Chick	142.9
11	2	1987	B07			Chick	285.7
11	2	1987	B08			Chick	1142.9
11	2	1987	B09			Chick	1142.9
11	2	1987	B10			Chick	142.9
11	2	1987	B11			Chick	571.4
11	2	1987	B12			Chick	285.7
18	2	1987	B01			Chick	564.3
18	2	1987	B02			Chick	141.1
18	2	1987	B03			Chick	564.3
18	2	1987	B04			Chick	1128.7
18	2	1987	B05			Chick	282.2
18	2	1987	B06			Chick	141.1
18	2	1987	B07			Chick	282.2
18	2	1987	B08			Chick	1128.7
18	2	1987	B09			Chick	1128.7
18	2	1987	B10			Chick	141.1
18	2	1987	B11			Chick	564.3
18	2	1987	B12			Chick	282.2
25	2	1987	B01			Chick	556.6
25	2	1987	B02			Chick	139.1
25	2	1987	B03			Chick	556.6
25	2	1987	B04			Chick	1113.2
25	2	1987	B05			Chick	278.3
25	2	1987	B06			Chick	139.1
25	2	1987	B07			Chick	278.3
25	2	1987	B08			Chick	1113.2

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
25	2	1987	B09			Chick	1113.2
25	2	1987	B10			Chick	139.1
25	2	1987	B11			Chick	556.6
25	2	1987	B12			Chick	278.3
4	3	1987	B01			Chick	574.8
4	3	1987	B02			Chick	143.7
4	3	1987	B03			Chick	574.8
4	3	1987	B04			Chick	1149.6
4	3	1987	B05			Chick	287.4
4	3	1987	B06			Chick	143.7
4	3	1987	B07			Chick	287.4
4	3	1987	B08			Chick	1149.6
4	3	1987	B09			Chick	1149.6
4	3	1987	B10			Chick	143.7
4	3	1987	B11			Chick	574.8
4	3	1987	B12			Chick	287.4
11	3	1987	B01			Chick	560.6
11	3	1987	B02			Chick	140.2
11	3	1987	B03			Chick	560.6
11	3	1987	B04			Chick	1120.8
11	3	1987	B05			Chick	280.3
11	3	1987	B06			Chick	140.2
11	3	1987	B07			Chick	280.3
11	3	1987	B08			Chick	1120.8
11	3	1987	B09			Chick	1120.8
11	3	1987	B10			Chick	140.2
11	3	1987	B11			Chick	560.6
11	3	1987	B12			Chick	280.3
18	3	1987	B01			Chick	557.
18	3	1987	B02			Chick	139.2
18	3	1987	B03			Chick	557.
18	3	1987	B04			Chick	1114.
18	3	1987	B05			Chick	278.5
18	3	1987	B06			Chick	139.2
18	3	1987	B07			Chick	278.5
18	3	1987	B08			Chick	1114.
18	3	1987	B09			Chick	1114.
18	3	1987	B10			Chick	139.2
18	3	1987	B11			Chick	557.
18	3	1987	B12			Chick	278.5
25	3	1987	B01			Chick	555.2
25	3	1987	B02			Chick	138.8
25	3	1987	B03			Chick	555.2
25	3	1987	B04			Chick	1110.4
25	3	1987	B05			Chick	277.6

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
25	3	1987	B06			Chick	138.8
25	3	1987	B07			Chick	277.6
25	3	1987	B08			Chick	1110.4
25	3	1987	B09			Chick	1110.4
25	3	1987	B10			Chick	138.8
25	3	1987	B11			Chick	555.2
25	3	1987	B12			Chick	277.6
1	4	1987	B01			Chick	547.5
1	4	1987	B02			Chick	137.
1	4	1987	B03			Chick	547.5
1	4	1987	B04			Chick	1095.
1	4	1987	B05			Chick	273.5
1	4	1987	B06			Chick	137.
1	4	1987	B07			Chick	273.5
1	4	1987	B08			Chick	1095.
1	4	1987	B09			Chick	1095.
1	4	1987	B10			Chick	137.
1	4	1987	B11			Chick	547.5
1	4	1987	B12			Chick	273.5
8	4	1987	B01			Chick	525.
8	4	1987	B02			Chick	131.2
8	4	1987	B03			Chick	525.
8	4	1987	B04			Chick	1050.
8	4	1987	B05			Chick	262.5
8	4	1987	B06			Chick	131.2
8	4	1987	B07			Chick	262.5
8	4	1987	B08			Chick	1050.
8	4	1987	B09			Chick	1050.
8	4	1987	B10			Chick	131.2
8	4	1987	B11			Chick	525.
8	4	1987	B12			Chick	262.5
15	4	1987	B01			Chick	556.1
15	4	1987	B02			Chick	139.2
15	4	1987	B03			Chick	556.1
15	4	1987	B04			Chick	1112.7
15	4	1987	B05			Chick	278.
15	4	1987	B06			Chick	139.2
15	4	1987	B07			Chick	278.
15	4	1987	B08			Chick	1112.7
15	4	1987	B09			Chick	1112.7
15	4	1987	B10			Chick	139.2
15	4	1987	B11			Chick	556.1
15	4	1987	B12			Chick	278.
22	4	1987	B01			Chick	553.8
22	4	1987	B02			Chick	138.3

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
22	4	1987	B03			Chick	553.8
22	4	1987	B04			Chick	1107.7
22	4	1987	B05			Chick	277.1
22	4	1987	B06			Chick	138.3
22	4	1987	B07			Chick	277.1
22	4	1987	B08			Chick	1107.7
22	4	1987	B09			Chick	1107.7
22	4	1987	B10			Chick	138.3
22	4	1987	B11			Chick	553.8
22	4	1987	B12			Chick	277.1
29	4	1987	B01			Chick	553.7
29	4	1987	B02			Chick	138.4
29	4	1987	B03			Chick	553.7
29	4	1987	B04			Chick	1107.4
29	4	1987	B05			Chick	276.8
29	4	1987	B06			Chick	138.4
29	4	1987	B07			Chick	276.8
29	4	1987	B08			Chick	1107.4
29	4	1987	B09			Chick	1107.4
29	4	1987	B10			Chick	138.4
29	4	1987	B11			Chick	553.7
29	4	1987	B12			Chick	276.8
6	5	1987	B01			Chick	553.9
6	5	1987	B02			Chick	138.5
6	5	1987	B03			Chick	553.9
6	5	1987	B04			Chick	1107.7
6	5	1987	B05			Chick	276.9
6	5	1987	B06			Chick	138.5
6	5	1987	B07			Chick	276.9
6	5	1987	B08			Chick	1107.7
6	5	1987	B09			Chick	1107.7
6	5	1987	B10			Chick	138.5
6	5	1987	B11			Chick	553.9
6	5	1987	B12			Chick	276.9
13	5	1987	B01			Chick	556.6
13	5	1987	B02			Chick	139.1
13	5	1987	B03			Chick	556.6
13	5	1987	B04			Chick	1113.2
13	5	1987	B05			Chick	278.3
13	5	1987	B06			Chick	139.1
13	5	1987	B07			Chick	278.3
13	5	1987	B08			Chick	1113.2
13	5	1987	B09			Chick	1113.2
13	5	1987	B10			Chick	139.1
13	5	1987	B11			Chick	556.6

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
13	5	1987	B12			Chick	278.3
20	5	1987	B01			Chick	554.5
20	5	1987	B02			Chick	138.6
20	5	1987	B03			Chick	554.5
20	5	1987	B04			Chick	1109.
20	5	1987	B05			Chick	277.2
20	5	1987	B06			Chick	138.6
20	5	1987	B07			Chick	277.2
20	5	1987	B08			Chick	1109.
20	5	1987	B09			Chick	1109.
20	5	1987	B10			Chick	138.6
20	5	1987	B11			Chick	554.5
20	5	1987	B12			Chick	277.2
27	5	1987	B01			Chick	558.
27	5	1987	B02			Chick	139.5
27	5	1987	B03			Chick	558.
27	5	1987	B04			Chick	1116.1
27	5	1987	B05			Chick	279.
27	5	1987	B06			Chick	139.5
27	5	1987	B07			Chick	279.
27	5	1987	B08			Chick	1116.1
27	5	1987	B09			Chick	1116.1
27	5	1987	B10			Chick	139.5
27	5	1987	B11			Chick	558.
27	5	1987	B12			Chick	279.
3	6	1987	B01			Chick	558.
3	6	1987	B02			Chick	139.5
3	6	1987	B03			Chick	558.
3	6	1987	B04			Chick	1116.1
3	6	1987	B05			Chick	279.
3	6	1987	B06			Chick	139.5
3	6	1987	B07			Chick	279.
3	6	1987	B08			Chick	1116.1
3	6	1987	B09			Chick	1116.1
3	6	1987	B10			Chick	139.5
3	6	1987	B11			Chick	558.
3	6	1987	B12			Chick	279.
10	6	1987	B01			Chick	557.9
10	6	1987	B02			Chick	139.5
10	6	1987	B03			Chick	557.9
10	6	1987	B04			Chick	1116.4
10	6	1987	B05			Chick	279.
10	6	1987	B06			Chick	139.5
10	6	1987	B07			Chick	279.
10	6	1987	B08			Chick	1116.4

Table 9. Analysis of Nutrients and Lime. Honduras, Cycle III, Dry Season

DAY	MONTH	YEAR	POND#	FEED TYPE	FEED QUANTITY	MANURE TYPE	MANURE QUANTITY
10	6	1987	B09			Chick	1116.4
10	6	1987	B10			Chick	139.5
10	6	1987	B11			Chick	557.9
10	6	1987	B12			Chick	279.
17	6	1987	B01			Chick	555.2
17	6	1987	B02			Chick	138.8
17	6	1987	B03			Chick	555.2
17	6	1987	B04			Chick	1110.4
17	6	1987	B05			Chick	277.6
17	6	1987	B06			Chick	138.8
17	6	1987	B07			Chick	277.6
17	6	1987	B08			Chick	1110.4
17	6	1987	B09			Chick	1110.4
17	6	1987	B10			Chick	138.8
17	6	1987	B11			Chick	555.2
17	6	1987	B12			Chick	277.6
24	6	1987	B01			Chick	565.3
24	6	1987	B02			Chick	141.3
24	6	1987	B03			Chick	565.3
24	6	1987	B04			Chick	1130.7
24	6	1987	B05			Chick	282.7
24	6	1987	B06			Chick	141.3
24	6	1987	B07			Chick	282.7
24	6	1987	B08			Chick	1130.7
24	6	1987	B09			Chick	1130.7
24	6	1987	B10			Chick	141.3
24	6	1987	B11			Chick	565.3
24	6	1987	B12			Chick	282.7
1	7	1987	B01			Chick	601.1
1	7	1987	B02			Chick	150.3
1	7	1987	B03			Chick	601.1
1	7	1987	B04			Chick	1202.2
1	7	1987	B05			Chick	300.6
1	7	1987	B06			Chick	150.3
1	7	1987	B07			Chick	300.6
1	7	1987	B08			Chick	1202.2
1	7	1987	B09			Chick	1202.2
1	7	1987	B10			Chick	150.3
1	7	1987	B11			Chick	601.1
1	7	1987	B12			Chick	300.6