

## 8. CONCLUSIONS AND RECOMMENDATIONS

### 8.1 Conclusions

The following conclusions may be reached by this study.

- Daily Flow pattern is repeated between almost similar maximum level( Hourly Peak Flow) and the minimum level (Minimum Night Flow) during the study period.
- Domestic storage tanks make a significant role in reducing the Hourly Peak Flow and enhancing the Minimum Night Flow.
- The smooth and flat demand curve observed in Kolonnawa is due to the effects of the balancing tank.
- Generally new systems have high HPF and Low MNF. Old Systems have low HPF and high MNF. Larger systems have lower HPF when compared to smaller systems.
- In Greater Colombo Area , people use storage tanks to store water with the view of evading low pressures during peak hours and impending water cuts. This practice can be capitalized to reduce investments on the distribution system. The system can have a lower hydraulic capacity with smaller diameter pipes as it has now to cater for lower peak flows. However, the risk of pollution associated with the domestic storage tanks and the disadvantages of a distribution system with a reduced hydraulic capacity must be properly addressed.
- Systems operating at very low HPF and DPF values indicate a reduction in the service levels. Such systems should be augmented so that the prevailing low HPF and DPF values are raised and the reduced service levels are improved.
- Hourly peak flow and daily peak flow do not occur in the same day. Therefore, it is not necessary to design the distribution system for an overall peak factor of  $HPF \times DPF$ . It is sufficient to design the system for only HPF.
- People consume less water on rainy days. Long term shut downs do not deter the system from delivering the required quantity of water to the consumer during the rest of the day with increased velocities. After a short term shut down too, the water rushes to fill the gaps with high velocities. Therefore, it is necessary to control the flow after a shut down to avoid water hammer in the pipe lines. It was also noted that there is no appreciable seasonal variation in demand.
- In Pannipitiya, the domestic consumption per month per connection is 22 m<sup>3</sup>. In Kolonnawa and Church Hill, this is increased to 24 m<sup>3</sup>. This is again increased to 28 m<sup>3</sup> in Dehiwala.
- In Kaduwela, Pannipitiya, Kolonnawa and Dehiwala, the water consumption is maximum on Sunday. In Church Hill, this tends to occur on a week day.
- It will be more accurate to use the flow patterns developed statistically, as shown in Table 5.9 and Fig 5.16 when simulations are done for the five systems under study. These values can be used for Extended Period Simulation (EPS) in pipe network analysis software such as KYPIPE 3.

## 8.2 Recommendations

- This study should continue on short term basis to cover the comparatively old systems in Greater Colombo and outside areas. Such studies are necessary to understand the behavior of the systems and also to check whether they behave as designed. This also helps to plan the augmentation work and also to develop design guidelines for the forthcoming schemes of similar nature.
- The new systems must be continuously monitored on long term basis for DPF, HPF and MNF values. Sociological studies should be conducted in parallel to assess the level of consumer satisfaction, so that a correlation could be established between the consumer satisfaction and the said values. Such continuous sociological studies will help to identify the correct time for augmentation of the system. The limiting values of DPF, HPF and MNF prevailing at that point will help the Design Engineers to plan for the required augmentation and to develop design criteria for future water supply schemes.
- Attempts should be made to split the priority connections among the respective distribution systems and hence to study the effects of non-domestic demand on overall performance of the scheme. Such studies are important to develop design guidelines for calculating industrial, institutional and commercial demands.
- While designing a water supply distribution system, hydraulic simulations should be carried out to decide on the appropriateness of a balancing reservoir. Such options will help to greatly reduce the cost of the distribution system and also to have a better pressure distribution within the system.



## LIST OF REFERENCES

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## ANNEX A - TABULATED FLOW DATA

ANNEX A1	-	Flow Data for Kolonnawa, Church Hill and Dehiwala for Dec 97	5 pages
ANNEX A2	-	Kaduwela Water Tower, Sep 98 – Jun 99	4 pages
ANNEX A3	-	Pannipitiya Water Tower, Jun 98 – Jun 99	5 pages
ANNEX A4	-	Kolonnawa Water Tower, Mar 98 – Jun 99	6 pages
ANNEX A5	-	Church Hill Reservoir, Jun 98 – Jun 99	5 pages
ANNEX A6	-	Dehiwala Water Tower, Mar 98 – Jun 99	6 pages
ANNEX A7	-	Rainy Days	2 pages



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**STUDY OF FLOW VARIATIONS IN GREATER COLOMBO WATER SUPPLY SCHEME**

Flow Data at Service Reservoir Outlets

DECEMBER 1997

Flow Data from 18/12/97 (Monday) to 25/12/97 (Monday)

Date	Time	Kaduwela Tower		Pannipitiya Tower		Kolonnawa Tower		Church Hill Reservoir		Dehiwala Tower	
		Inst. Flow m <sup>3</sup> /hr	Daily Avg. Flow m <sup>3</sup> /hr	Inst. Flow m <sup>3</sup> /hr	Daily Avg. Flow m <sup>3</sup> /hr	Inst. Flow m <sup>3</sup> /hr	Daily Avg. Flow m <sup>3</sup> /hr	Inst. Flow m <sup>3</sup> /hr	Daily Avg. Flow m <sup>3</sup> /hr	Inst. Flow m <sup>3</sup> /hr	Daily Avg. Flow m <sup>3</sup> /hr
18/12/97	00:00					367.03		1698.17		1688.64	
	00:30					336.99		1690.11		1626.37	
	01:00					313.31		1611.72		1620.27	
	01:30					314.28		1633.70		1568.99	
	02:00					303.54		1586.81		1527.47	
	02:30					304.76		1687.18		1545.79	
	03:00					325.51		1741.39		1503.05	
	03:30					318.68		1848.35		1534.80	
	04:00					341.88		1652.75		1539.68	
	04:30					332.11		1624.18		1581.20	
	05:00					375.09		1720.15		1581.20	
	05:30					415.87		1766.30		1581.20	
	06:00					434.18		2101.10		1581.20	
	06:30					484.98		2198.53		1581.20	
	07:00					600.97		2423.44		1581.20	
	07:30					625.39		2639.56		1581.20	
	08:00					604.39		2695.97		1581.20	
	08:30					621.49		2646.89		1581.20	
	09:00					578.26		2520.88		1581.20	
	09:30					576.55		2367.03		2358.97	
	10:00					543.34		2300.37		2357.75	
	10:30					502.32		2304.03		2126.98	
	11:00					493.77		2141.39		2076.92	
	11:30					525.51		2298.90		2087.91	
12:00					533.57		2473.26		2158.73		
12:30					533.08		2631.50		2114.77		
13:00					552.38		2692.31		2090.35		
13:30					560.92		2734.80		2094.02		
14:00					543.59		2491.58		2094.02		
14:30					509.16		2513.55		2004.88		
15:00					487.86		2364.84		2017.09		
15:30					471.55		2370.70		1986.57		
16:00					451.28		2377.29		2000.00		
16:30					475.45		2395.60		1953.60		
17:00					506.96		2465.20		2014.65		
17:30					490.11		2471.06		1954.82		
18:00					499.63		2482.05		1954.82		
18:30					536.75		2512.82		2032.97		
19:00					509.89		2517.22		2004.88		
19:30					495.23		2406.59		2054.95		
20:00					493.77		2330.40		1948.72		
20:30					498.65		2287.91		1926.74		
21:00					465.93		2229.30		1959.71		
21:30					458.36		2139.19		1938.95		
22:00					434.18		2120.88		2012.21		
22:30					406.59		1939.19		2012.21		
23:00					357.26		1960.44		1905.98		
23:30					357.26	463.95	1960.44	2203.48	1847.38	1855.39	
19/12/97	00:00					350.91		1912.82		1847.38	
	00:30					355.55		1763.37		1847.38	
	01:00					339.92		1555.31		1631.26	
	01:30					346.76		1568.50		1551.89	
	02:00					343.83		1509.89		1521.37	
	02:30					352.86		1711.36		1538.46	
	03:00					334.79		1741.39		1532.36	
	03:30					331.62		1693.04		1548.23	
	04:00					333.57		1544.32		1507.94	
	04:30					336.26		1582.42		1553.11	
	05:00					341.14		1660.81		1553.11	
	05:30					391.20		1813.19		1747.25	
	06:00					454.94		2205.13		1892.55	
	06:30					514.28		2294.51		2128.21	
07:00					620.51		2655.68		2241.76		
07:30					636.63		2655.68		2432.23		
08:00					635.65		2602.20		2362.64		
08:30					634.43		2633.70		2521.37		
09:00					652.01		2553.11		2521.37		
09:30					638.58		2511.36		2371.18		
10:00					626.86		2601.47		2417.58		
10:30					578.26		2881.32		2004.88		
11:00					614.16		2821.98		1923.08		
11:30					597.80		2769.96		2185.59		
12:00					564.34		2791.21		2158.73		
12:30					584.86		2832.97		2256.41		
13:00					567.55		2712.09		2321.12		

Date	Time	Kaduwela Tower		Pannipitiya Tower		Kolonnawa Tower		Church Hill Reservoir		Dehiwala Tower	
		Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr
	13:30					572.65		2494.51		2194.14	
	14:00					570.45		2575.09		2163.61	
	14:30					561.17		2560.44		2045.10	
	15:00					535.53		2467.40		1953.60	
	15:30					531.13		2480.59		1985.35	
	16:00					522.10		2421.25		2067.16	
	16:30					528.21		2903.30		2142.86	
	17:00					504.76		2478.39		2102.56	
	17:30					517.71		2509.16		2004.88	
	18:00					532.60		2500.37		2094.02	
	18:30					541.39		2460.07		1942.61	
	19:00					512.82		2390.48		1942.61	
	19:30					518.92		2342.86		1435.90	
	20:00					502.07		2317.22		1351.65	
	20:30					505.01		2298.90		1495.73	
	21:00					448.35		2227.11		1551.89	
	21:30					480.34		2221.98		1545.79	
	22:00					454.21		2203.66		1517.70	
	22:30					431.50		2166.30		1565.32	
	23:00					373.62		2056.41		1676.43	
	23:30					364.59	491.43	1863.00	2281.61	1835.16	1911.09
20/12/97	00:00					351.89		1711.36		1831.50	
	00:30					322.34		1708.43		1813.19	
	01:00					315.75		1649.82		1837.61	
	01:30					325.03		1573.63		1672.77	
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	02:30					311.84		1795.60		1540.90	
	03:00					299.39		1712.09		1495.73	
	03:30					304.27		1591.94		1483.52	
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	05:30					408.30		1745.79		1770.45	
	06:00					478.63		1989.01		1810.74	
	06:30					503.78		2124.54		2002.44	
	07:00					595.84		2515.02		2119.66	
	07:30					605.86		2591.94		2357.75	
	08:00					570.94		2638.83		2479.85	
	08:30					567.76		2684.98		2515.26	
	09:00					591.20		2531.87		2449.33	
	09:30					617.09		2446.89		2296.70	
	10:00					601.46		2438.10		2268.62	
	10:30					614.40		2485.71		2145.30	
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	12:00					591.45		2863.00		2064.71	
	12:30					596.33		2879.12		2083.03	
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	13:30					600.24		2531.87		2229.55	
	14:00					562.39		2465.20		2250.31	
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	16:00					540.90		2572.89		2052.50	
	16:30					525.03		2500.37		2075.70	
	17:00					547.74		2471.06		2145.30	
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	20:30					481.80		2389.01		2053.72	
	21:00					490.84		2262.27		2076.92	
	21:30					462.27		2091.58		2070.82	
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	22:30					451.28		1975.82		1943.83	
	23:00					426.12		1747.25		1943.83	
	23:30					402.19	489.30	1776.56	2227.26	1783.88	1991.05
21/12/97	00:00					384.61		1642.49		1786.32	
	00:30					354.33		1674.73		1663.00	
	01:00					348.23		1569.96		1587.30	
	01:30					333.57		1609.52		1639.80	
	02:00					317.46		1533.33		1562.88	
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	03:30					324.29		1573.63		1589.74	
	04:00					337.72		1537.00		1565.32	
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	05:30					385.10		1708.43		1693.53	
	06:00					405.61		1798.53		1743.59	
	06:30					443.22		1879.12		1743.59	



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Date	Time	Kaduwele Tower		Pannipitiya Tower		Kolonnawa Tower		Church Hill Reservoir		Dehiwala Tower	
		Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr
	07:00					555.80		2251.28		2107.45	
	07:30					591.45		2361.17		2273.50	
	08:00					619.78		2397.07		2340.66	
	08:30					615.87		2481.32		2380.95	
	09:00					617.09		2419.05		2473.75	
	09:30					651.28		2452.01		2362.64	
	10:00					643.71		2419.78		2323.57	
	10:30					630.76		2406.59		2291.82	
	11:00					615.38		2318.68		2326.01	
	11:30					616.60		2445.42		2302.81	
	12:00					576.55		2701.83		2297.92	
	12:30					574.60		2720.15		2267.40	
	13:00					598.53		2721.61		2253.97	
	13:30					617.82		2855.68		2179.49	
	14:00					581.68		2688.64		2146.52	
	14:30					568.49		2320.88		2118.44	
	15:00					555.06		2234.43		2137.97	
	15:30					538.70		2179.49		2169.72	
	16:00					551.89		2383.01		2218.56	
	16:30					526.49		2345.06		2119.66	
	17:00					522.83		2274.73		2087.91	
	17:30					534.31		2331.87		2065.93	
	18:00					538.46		2195.60		2073.26	
	18:30					480.58		2156.04		1981.69	
	19:00					472.52		2276.92		2017.09	
	19:30					477.90		2098.90		2052.50	
	20:00					467.15		1939.19		2069.60	
	20:30					459.09		1949.45		1986.57	
	21:00					429.30		1919.41		1965.81	
	21:30					462.27		2011.72		1971.92	
	22:00					470.81		1906.23		1979.24	
	22:30					409.76		1906.23		1951.16	
	23:00					354.82		1737.00		1870.57	
	23:30					366.78	484.88	1668.13	2089.11	1741.15	1995.68
22/12/97	00:00					344.32		1729.67		1694.75	
	00:30					347.98		1630.04		1588.52	
	01:00					347.01		1578.75		1593.41	
	01:30					355.80		1463.74		1544.57	
	02:00					339.48		1491.58		1553.11	
	02:30					319.90		1443.22		1504.27	
	03:00					312.82		1432.97		1505.49	
	03:30					315.26		1429.30		1609.28	
	04:00					315.26		1482.05		1609.28	
	04:30					329.67		1454.21		1620.27	
	05:00					362.63		1569.96		1620.27	
	05:30					394.62		1668.86		1620.27	
	06:00					455.67		1975.82		1620.27	
	06:30					505.49		1981.69		2006.11	
	07:00					585.10		2274.73		2194.14	
	07:30					597.07		2487.91		2344.32	
	08:00					586.81		2635.90		2395.60	
	08:30					589.98		2619.05		2333.33	
	09:00					601.22		2590.48		2423.69	
	09:30					615.62		2584.62		2307.69	
	10:00					617.82		2575.09		2286.94	
	10:30					583.88		2463.74		2235.65	
	11:00					585.59		2282.78		2197.80	
	11:30					562.14		2315.02		2224.66	
	12:00					555.80		2324.54		2252.75	
	12:30					521.36		2380.95		2217.34	
	13:00					554.82		2357.51		2207.57	
	13:30					555.55		2401.47		2090.35	
	14:00					519.17		2265.93		2118.44	
	14:30					522.83		2202.93		2064.71	
	15:00					511.11		1985.35		2078.14	
	15:30					513.55		1958.24		2020.76	
	16:00					459.34		2076.92		1949.94	
	16:30					476.67		2124.54		1971.92	
	17:00					512.33		2520.88		2051.28	
	17:30					530.15		2569.96		2114.77	
	18:00					547.01		2566.30		2103.79	
	18:30					531.86		2821.25		2090.35	
	19:00					543.34		2725.27		2163.61	
	19:30					522.83		2236.63		2064.71	
	20:00					474.97		2228.57		2029.30	
	20:30					500.12		2161.17		2067.16	
	21:00					429.06		2195.60		2026.86	
	21:30					497.19		2337.73		2024.42	
	22:00					474.23		2235.17		1963.37	
	22:30					445.91		2205.86		1930.40	
	23:00					407.32		1773.63		1887.67	
	23:30					392.67	478.55	1770.70	2116.42	1772.89	1977.00
23/12/97	00:00					340.17		1799.27		1719.17	

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Date	Time	Kaduwela Tower		Pannipitiya Tower		Kolonnawa Tower		Church Hill Reservoir		Dehiwala Tower	
		Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr
	00:30					335.04		1736.26		1619.05	
	01:00					317.46		1619.78		1620.27	
	01:30					322.58		1586.81		1571.43	
	02:00					295.97		1810.99		1548.23	
	02:30					326.74		1715.75		1550.67	
	03:00					335.28		1723.08		1520.15	
	03:30					325.03		1781.69		1505.49	
	04:00					328.69		1707.69		1505.49	
	04:30					314.28		1737.36		1548.23	
	05:00					378.99		1732.60		1581.20	
	05:30					422.95		1791.94		1687.42	
	06:00					449.57		2024.54		1789.99	
	06:30					465.44		2312.09		2106.23	
	07:00					578.99		2578.75		2272.28	
	07:30					602.19		2684.98		2340.66	
	08:00					619.78		2537.00		2365.08	
	08:30					625.88		2507.69		2415.14	
	09:00					604.88		2542.86		2411.48	
	09:30					599.02		2526.01		2313.80	
	10:00					586.56		2616.12		2261.29	
	10:30					563.61		2655.68		2293.04	
	11:00					567.27		2683.52		2333.33	
	11:30					521.61		2641.03		2151.40	
	12:00					579.48		2661.54		2133.09	
	12:30					595.36		2705.49		2146.52	
	13:00					584.37		2496.70		2126.98	
	13:30					597.80		2401.47		2219.78	
	14:00					598.77		2526.01		2163.61	
	14:30					516.48		2467.40		2064.71	
	15:00					494.99		2474.73		1993.90	
	15:30					505.73		2504.03		2061.05	
	16:00					440.78		2593.41		2032.97	
	16:30					505.73		2482.05		2096.46	
	17:00					503.05		2506.23		2008.55	
	17:30					507.20		2608.06		2113.55	
	18:00					532.84		2630.04		2151.40	
	18:30					552.13		2515.02		2148.96	
	19:00					552.13		2515.02		2158.73	
	19:30					552.13		2515.02		2106.23	
	20:00					498.90		2241.76		2058.61	
	20:30					498.90		2241.76		1926.74	
	21:00					504.76		2357.51		1971.92	
	21:30					489.62		2352.38		2012.21	
	22:00					481.56		2095.97		1965.81	
	22:30					426.86		2167.03		1997.56	
	23:00					361.90		1824.91		1858.36	
	23:30					366.78	480.75	1830.04	2265.98	1785.10	1986.11
24/12/97	00:00					341.88		1814.65		1727.72	
	00:30					351.16		1701.10		1684.98	
	01:00					347.49		1876.19		1642.25	
	01:30					350.91		1816.85		1617.83	
	02:00					350.42		1638.83		1572.65	
	02:30					347.98		1609.52		1562.88	
	03:00					340.17		1646.15		1583.64	
	03:30					329.67		1588.28		1523.81	
	04:00					323.81		1573.63		1536.02	
	04:30					352.38		1573.63		1560.44	
	05:00					392.18		1810.99		1614.16	
	05:30					420.51		1986.81		1735.04	
	06:00					452.50		2161.17		1865.69	
	06:30					474.48		2284.25		2026.86	
	07:00					589.25		2449.08		2146.52	
	07:30					607.57		2480.59		2322.34	
	08:00					625.64		2652.75		2352.87	
	08:30					637.36		2580.95		2516.48	
	09:00					634.18		2524.54		2450.55	
	09:30					623.44		2479.85		2369.96	
	10:00					587.79		2504.03		2289.38	
	10:30					336.50		2454.95		2351.65	
	11:00					333.33		2410.99		2310.13	
	11:30					335.04		2338.46		2134.31	
	12:00					305.73		2616.12		2183.15	
	12:30					321.85		2630.77		2223.44	
	13:00					319.90		2666.67		2211.25	
	13:30					313.79		2341.39		2210.01	
	14:00					321.61		2331.87		2242.98	
	14:30					333.57		2317.22		2164.84	
	15:00					325.51		2465.20		2064.71	
	15:30					294.75		2547.25		2075.70	
	16:00					559.71		2518.68		2163.61	
	16:30					582.41		2561.91		2124.54	
	17:00					583.63		2586.08		2124.54	
	17:30					590.23		2641.76		2094.02	

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Date	Time	Kaduwela Tower		Pannipitiya Tower		Kolonnawa Tower		Church Hill Reservoir		Dehiwala Tower	
		Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr	Inst. Flow m3/hr	Daily Avg. Flow m3/hr
	18:00					585.34		2580.22		2152.63	
	18:30					581.68		2566.30		2197.80	
	19:00					579.48		2467.40		2090.35	
	19:30					543.34		2353.85		2039.07	
	20:00					531.13		2209.52		1993.90	
	20:30					513.06		2312.09		2072.04	
	21:00					453.23		2071.06		1986.57	
	21:30					475.70		2236.63		1969.48	
	22:00					499.63		2333.33		1997.56	
	22:30					473.99		2221.98		1888.89	
	23:00					424.91		2034.43		1840.05	
	23:30					415.62	446.16	1901.10	2238.98	1694.75	2006.33
25/12/97	00:00					403.66		1857.88		1666.67	
	00:30					388.76		1730.40		1694.75	
	01:00					370.45		1649.82		1605.62	
	01:30					330.89		1664.47		1559.22	
	02:00					330.15		1719.41		1559.22	
	02:30					322.83		1551.65		1550.67	
	03:00					321.36		1594.14		1516.48	
	03:30					317.46		1608.06		1600.73	
	04:00					330.40		1631.50		1558.00	
	04:30					340.17		1626.37		1600.73	
	05:00					344.32		1612.45		1597.07	
	05:30					399.75		1749.45		1656.90	
	06:00					409.76		1805.86		1749.69	
	06:30					439.56		1890.11		1871.80	
	07:00					505.98		2227.84		2012.21	
	07:30					555.06		2291.58		2264.96	
	08:00					609.28		2328.21		2295.48	
	08:30					636.87		2504.03		2394.38	
	09:00					641.02		2626.37		2450.55	
	09:30					656.41		2641.03		2383.39	
	10:00					647.86		2586.81		2304.03	
	10:30					632.47		2547.25		2246.64	
	11:00					633.94		2302.56		2241.76	
	11:30					639.07		2324.54		2247.86	
	12:00					633.70		2340.29		2278.39	
	12:30					599.75		2298.90		2181.93	
	13:00					596.09		2381.69		2224.66	
	13:30					542.12		2263.74		2222.22	
	14:00					567.27		2271.06		2194.14	
	14:30					532.84		2235.90		2139.19	
	15:00					546.27		2126.74		2131.87	
	15:30					530.40		2112.09		2106.23	
	16:00					536.75		2195.60		2069.60	
	16:30					528.93		2227.11		2102.56	
	17:00					551.89		2219.78		2102.56	
	17:30					546.52		2229.30		2145.30	
	18:00					537.72		2263.74		2128.21	
	18:30					510.37		2246.89		2173.38	
	19:00					559.95		2254.95		2192.92	
	19:30					513.55		2108.43		2024.42	
	20:00					461.53		1950.18		1971.92	
	20:30					491.57		1930.40		2024.42	
	21:00					438.82		1854.21		1953.60	
	21:30					445.18		1893.77		1896.21	
	22:00					452.01		1850.55		1931.62	
	22:30					437.60		1763.37		1902.32	
	23:00					410.50		1635.16		1798.53	
	23:30					398.77	491.20	1641.76	2049.32	1722.83	1984.33
26/12/97	00:00					349.45		1575.82		1698.41	


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## Meter Readings of Water Towers

## Kaduwela Water Tower - Instant Flow in m3/hr

Date Day Time	9/21/98 Mon	9/22/98 Tue	9/23/98 Wed	9/24/98 Thu	9/25/98 Fri	9/26/98 Sat	9/27/98 Sun	9/28/98 Mon
0:00	4.39	8.05	5.86	5.49	8.05	8.42	8.05	3.66
0:30	3.66	7.69	5.86	5.49	7.32	4.76	7.69	4.02
1:00	3.29	5.86	4.76	5.49	5.86	4.76	6.59	4.02
1:30	4.39	5.01	5.49	4.02	5.86	5.49	5.86	4.02
2:00	2.56	7.32	5.12	4.39	5.86	4.02	5.86	3.66
2:30	3.29	5.49	4.39	4.76	5.86	4.76	6.22	4.02
3:00	2.93	5.49	5.86	4.39	5.49	4.02	6.22	2.93
3:30	3.29	5.49	5.49	3.29	5.86	5.49	6.59	3.29
4:00	2.93	6.95	4.76	4.76	6.22	6.22	8.79	4.76
4:30	3.66	6.59	7.69	4.76	8.05	5.49	7.32	4.02
5:00	6.95	7.32	6.95	9.15	9.52	6.59	8.05	7.69
5:30	7.69	12.82	12.45	12.45	10.98	6.59	8.05	9.15
6:00	12.45	16.84	14.65	16.84	15.75	9.52	13.55	14.28
6:30	26.01	29.67	26.01	26.37	26.01	18.68	18.31	26.37
7:00	30.76	40.29	32.61	30.76	36.26	22.34	27.10	32.96
7:30	27.83	35.16	27.47	36.26	35.16	33.33	34.06	27.83
8:00	23.44	27.47	33.33	31.13	35.53	33.69	36.99	32.23
8:30	27.47	30.03	34.06	31.50	33.33	38.46	31.13	27.11
9:00	24.54	26.37	25.64	28.57	30.03	35.53	21.24	26.37
9:30	19.41	23.80	26.73	26.37	26.01	27.11	36.99	26.01
10:00	19.78	26.37	26.73	32.23	24.91	28.93	39.56	24.17
10:30	18.68	19.78	25.64	28.00	23.44	28.21	36.99	18.31
11:00	20.14	23.80	30.76	27.47	21.97	26.74	27.83	20.51
11:30	23.07	25.27	20.14	27.83	24.91	22.71	25.64	22.71
12:00	28.21	23.44	17.58	27.83	18.68	27.83	31.50	23.44
12:30	19.78	25.64	22.34	32.96	27.47	26.37	42.12	25.27
13:00	25.27	24.54	22.34	26.37	30.41	27.11	41.02	21.97
13:30	28.93	18.31	15.38	35.53	29.31	26.01	46.15	20.51
14:00	27.83	18.31	16.48	27.11	24.91	30.76	39.92	21.97
14:30	25.64	18.31	12.45	22.71	27.47	30.76	33.33	21.97
15:00	21.61	18.31	17.21	28.20	26.01	29.67	32.23	24.17
15:30	22.34	19.78	22.71	24.54	23.44	19.78	29.67	23.44
16:00	25.64	14.65	25.64	26.61	30.03	24.54	27.47	21.61
16:30	26.01	16.84	19.41	30.76	24.54	27.47	26.37	20.51
17:00	27.47	29.67	19.78	31.86	27.10	27.83	25.64	26.01
17:30	29.67	24.17	35.53	31.86	29.31	32.23	31.50	32.60
18:00	30.41	26.01	22.34	33.69	31.51	31.13	31.86	24.54
18:30	32.23	31.86	24.54	35.53	28.93	32.23	28.57	31.13
19:00	28.21	22.34	23.80	34.06	30.03	28.57	29.67	22.71
19:30	31.13	23.44	23.07	34.43	22.34	24.54	25.64	28.93
20:00	22.34	17.58	18.68	21.97	17.21	22.71	22.71	21.61
20:30	18.31	21.61	19.41	28.93	20.87	21.24	16.11	23.81
21:00	15.75	21.97	18.68	26.37	21.24	16.48	8.42	19.41
21:30	23.44	24.90	18.68	12.82	21.97	17.58	6.22	17.21
22:00	21.97	19.41	15.38	22.71	21.97	17.21	13.18	15.01
22:30	19.04	14.28	8.42	12.08	12.45	13.18	13.18	12.08
23:00	12.82	10.25	7.32	14.65	8.42	8.79	9.15	8.05
23:30	9.15	7.69	8.05	9.89	9.15	9.15	6.22	8.79
Avg	18.66	18.80	17.78	21.73	20.48	20.10	21.93	18.14
Max	32.23	40.29	35.53	36.26	36.26	38.46	46.15	32.96
Min	2.56	5.01	4.39	3.29	5.49	4.02	5.86	2.93



## Meter Readings of Water Towers

### Kaduwela Water Tower - Instant Flow in m3/hr

Date Day Time	12/14/98 Mon	12/15/98 Tue	12/16/98 Wed	12/17/98 Thu	12/18/98 Fri	12/19/98 Sat	12/20/98 Sun	12/21/98 Mon
0:00	5.12	9.52	5.86	13.91	4.02	9.52	13.55	5.86
0:30	2.56	6.22	5.49	7.69	4.02	6.95	8.79	5.49
1:00	2.56	7.32	5.86	7.69	5.49	7.69	9.89	4.02
1:30	1.46	5.49	4.39	7.32	2.93	7.32	8.42	3.66
2:00	1.09	5.86	3.66	7.32	2.93	6.22	8.05	2.93
2:30	1.09	5.49	3.66	6.95	2.56	6.95	9.52	3.29
3:00	1.09	6.59	4.02	7.69	3.29	6.95	9.52	4.76
3:30	1.83	5.86	3.66	7.69	2.93	7.32	9.15	3.66
4:00	0.73	6.22	4.02	6.95	3.66	6.22	8.42	4.39
4:30	0.73	5.86	5.49	7.69	4.39	6.22	9.89	4.76
5:00	4.02	5.86	5.49	8.79	4.76	8.05	10.25	4.80
5:30	6.22	11.35	8.79	9.15	7.69	9.52	11.35	6.22
6:00	6.22	13.18	12.08	14.65	14.65	13.55	12.08	8.79
6:30	13.18	16.11	19.04	23.80	21.61	13.55	20.51	9.15
7:00	13.18	32.23	28.93	36.63	32.96	13.55	24.17	18.68
7:30	38.46	44.32	41.75	39.56	40.65	34.79	37.72	34.43
8:00	38.46	40.65	38.82	45.05	42.12	36.26	37.36	35.89
8:30	35.89	42.49	41.39	39.19	34.43	37.36	43.22	35.16
9:00	33.69	36.63	33.33	42.49	30.03	38.82	42.85	35.16
9:30	27.47	24.54	28.93	31.86	29.30	30.76	45.05	20.39
10:00	30.40	30.40	29.30	32.60	27.88	27.47	45.05	27.47
10:30	30.40	25.27	20.87	31.13	25.27	30.40	42.12	33.69
11:00	30.03	24.00	29.67	32.23	22.71	26.00	35.89	32.23
11:30	26.73	23.00	46.15	27.47	20.87	34.06	29.67	32.60
12:00	27.47	21.97	44.32	27.10	18.68	28.20	27.10	34.79
12:30	27.47	27.10	38.00	27.47	23.44	31.13	38.46	35.53
13:00	39.92	26.73	31.50	32.96	22.71	31.50	45.05	41.75
13:30	33.33	27.47	34.43	30.03	27.47	33.33	39.92	37.72
14:00	39.19	25.27	39.19	32.96	33.69	38.82	42.12	36.63
14:30	40.29	32.96	26.37	27.83	28.20	30.76	37.36	38.82
15:00	35.53	26.37	33.33	27.10	35.16	31.50	39.50	41.75
15:30	31.50	22.34	32.60	20.14	26.73	31.13	33.33	32.96
16:00	27.10	21.24	26.00	27.47	31.50	35.16	24.90	33.69
16:30	34.79	24.54	27.83	35.53	35.89	30.03	29.67	29.67
17:00	35.16	19.04	45.42	33.69	27.47	30.40	26.73	31.86
17:30	32.60	27.10	35.16	38.82	44.32	35.89	43.58	39.92
18:00	39.19	26.37	34.79	39.92	43.58	37.72	38.82	47.98
18:30	40.29	23.44	37.72	37.36	45.78	41.39	41.75	49.45
19:00	46.88	30.40	44.68	40.29	39.92	42.12	38.09	53.47
19:30	35.53	18.68	38.46	28.57	28.57	36.26	26.73	38.82
20:00	28.57	13.91	30.03	23.44	24.54	25.64	23.44	33.33
20:30	24.17	16.48	29.67	15.38	25.27	21.24	21.61	23.44
21:00	23.80	16.48	21.61	18.68	20.87	20.14	22.71	21.24
21:30	23.80	10.25	21.61	20.51	22.34	21.24	17.21	21.24
22:00	20.87	9.89	22.71	17.94	20.14	24.54	22.34	22.71
22:30	12.82	9.52	16.48	13.18	14.65	15.75	15.38	16.48
23:00	11.35	5.86	9.15	9.52	12.00	15.01	11.35	14.28
23:30	11.35	5.49	13.91	6.22	9.89	13.18	6.95	10.25
Avg	22.41	19.24	24.28	23.49	21.96	23.49	25.97	24.28
Max	46.88	44.32	46.15	45.05	45.78	42.12	45.05	53.47
Min	0.73	5.49	3.66	6.22	2.56	6.22	6.95	2.93

## Meter Readings of Water Towers

### Kaduwela Water Tower - Instant Flow in m3/hr

Date Day Time	3/8/99 Mon	3/9/99 Tue	3/10/99 Wed	3/11/99 Thu	3/12/99 Fri	3/13/99 Sat	3/14/99 Sun	3/15/99 Mon
0:00	8.05	10.62	7.69	13.18	7.32	10.98	11.72	6.22
0:30	5.86	9.15	6.22	8.42	4.39	10.98	5.86	4.76
1:00	4.39	8.79	6.59	10.62	4.76	8.42	5.86	5.49
1:30	2.93	7.69	6.59	9.15	4.02	8.05	6.95	5.86
2:00	3.66	8.79	6.59	7.69	4.39	8.05	7.32	5.49
2:30	4.39	8.42	6.59	8.42	4.39	7.32	8.05	5.12
3:00	4.02	8.05	7.32	8.79	5.49	8.05	9.15	4.39
3:30	5.12	8.42	7.32	9.15	5.12	7.69	8.05	5.86
4:00	4.76	9.52	6.95	8.79	6.95	7.69	10.98	5.49
4:30	6.59	9.89	8.79	9.52	9.15	10.62	9.15	7.69
5:00	8.79	11.72	9.15	11.35	8.05	8.42	10.62	8.05
5:30	14.28	16.48	17.94	19.78	18.68	11.72	11.35	17.58
6:00	14.28	28.20	23.80	20.51	20.14	15.38	14.65	18.68
6:30	27.83	38.46	42.12	28.93	26.73	18.68	19.04	32.60
7:00	32.96	46.15	49.81	41.39	37.72	19.41	34.06	40.65
7:30	45.78	60.80	50.18	59.34	47.98	54.57	45.78	46.15
8:00	50.91	57.50	50.91	45.78	36.99	54.94	51.64	56.04
8:30	58.82	43.22	40.65	41.75	38.46	51.28	51.00	42.85
9:00	35.16	42.49	43.95	36.99	38.46	51.28	50.00	44.32
9:30	32.23	36.26	36.63	36.00	31.86	46.52	49.08	33.69
10:00	27.83	28.20	34.43	36.63	32.60	53.47	56.77	
10:30	27.47	30.03	31.50	36.63	24.17	39.19	47.98	
11:00	35.89	32.96	37.36	31.50	24.90	46.15	38.46	
11:30	35.53	29.30	24.90	26.37	31.50	41.02	46.52	
12:00	35.16	30.76	29.67	26.37	31.86	49.45	46.52	
12:30	39.19	34.43	39.56	28.20	39.19	50.54	45.05	
13:00	40.65	35.16	39.56	33.33	40.65	54.94	63.73	
13:30	34.79	38.46	42.12	29.30	43.95	53.11	62.63	
14:00	36.99	32.23	39.92	31.13	38.46	51.28	62.63	
14:30	37.36	34.00	37.72	30.76	46.88	45.78	47.61	
15:00	36.26	36.00	32.96	24.17	36.63	42.12	39.92	
15:30	42.49	41.39	42.85	37.36	44.32	35.89	36.99	
16:00	35.53	30.03	43.58	34.43	47.98	36.63	43.58	
16:30	36.99	38.46	41.75	34.43	43.95	41.39	39.19	
17:00	35.89	45.42	43.22	45.05	43.22	40.29	46.15	
17:30	54.21	52.01	46.15	51.00	55.67	60.80	56.00	
18:00	64.83	63.57	58.97	58.97	55.67	59.34	66.30	
18:30	59.54	66.30	70.32	67.76	73.26	67.76	55.31	46.52
19:00	60.80	75.09	71.06	59.34	79.12	76.19	47.61	38.09
19:30	50.00	58.24	65.56	50.00	61.53	64.83	33.69	35.89
20:00	41.75	35.89	46.52	43.95	40.65	42.12	32.23	26.73
20:30	28.20	28.93	31.50	27.47	30.40	40.29	23.80	20.51
21:00	28.20	31.86	31.86	26.37	34.06	24.54	27.47	21.97
21:30	27.47	30.40	34.43	21.97	30.76	37.72	26.00	24.90
22:00	28.93	25.64	26.73	22.34	24.54	22.71	26.00	27.47
22:30	23.07	23.07	23.80	23.80	19.41	21.97	17.21	19.41
23:00	20.14	15.75	19.41	13.91	16.11	21.97	9.52	16.11
23:30	14.28	10.62	14.65	8.79	12.08	11.35	7.32	8.79
Avg	29.38	31.35	32.04	29.10	30.51	34.44	32.76	22.04
Max	64.83	75.09	71.06	67.76	79.12	76.19	66.30	56.04
Min	2.93	7.69	6.22	7.69	4.02	7.32	5.86	4.39

## Meter Readings of Water Towers

### Kaduwela Water Tower - Instant Flow in m3/hr

Date Day Time	6/14/99 Mon	6/15/99 Tue	6/16/99 Wed	6/17/99 Thu	6/18/99 Fri	6/19/99 Sat	6/20/99 Sun	6/21/99 Mon
0:00	13.18	8.05	7.69	9.15	11.35	13.18	9.52	9.52
0:30	12.82	7.69	6.22	11.72	6.59	9.89	5.49	8.05
1:00	12.08	7.32	6.22	11.72	6.59	9.89	5.49	7.69
1:30	12.45	6.22	5.12	7.69	4.76	8.05	5.12	7.32
2:00	12.45	7.69	5.86	7.69	5.86	8.79	4.76	7.32
2:30	11.72	6.95	5.49	7.69	5.49	9.15	5.49	7.32
3:00	11.72	6.95	5.86	7.69	4.76	8.42	4.39	7.69
3:30	12.82	7.69	5.49	7.32	5.86	7.69	4.76	7.69
4:00	12.82	6.95	6.95	7.69	6.22	7.69	5.49	7.32
4:30	11.72	13.91	8.05	9.15	9.52	9.52	4.02	8.42
5:00	15.01	8.42	11.35	11.35	10.62	10.25	4.76	11.35
5:30	23.44	17.21	16.48	22.34	16.11	13.18	9.52	17.21
6:00	32.23	28.57	25.64	28.20	29.67	16.84	9.15	28.93
6:30	57.87	51.28	46.15	47.25	47.98	37.72	25.64	57.87
7:00	62.63	57.87	61.53	65.93	63.73	50.54	42.49	59.34
7:30	53.11	63.37	54.57	61.53	49.81	57.14	47.61	60.07
8:00	57.87	54.94	50.18	56.77	47.98	56.41	45.05	47.61
8:30	55.67	45.42	42.85	43.22	40.29	58.24	57.87	40.65
9:00	50.54	42.12	26.37	41.39	46.88	67.39	54.94	47.61
9:30	42.12	33.69	35.16	45.78	39.19	47.98	54.21	36.26
10:00	43.58	35.89	42.85	38.46	43.22	53.84	51.28	44.32
10:30	36.63	30.40	34.06	39.19	34.06	52.74	46.15	28.20
11:00	38.82	33.33	32.96	36.99	40.29	43.58	49.81	39.19
11:30	43.22	33.69	29.67	36.99	32.60	49.81	53.84	36.26
12:00	32.96	32.23	33.69	37.36	36.99	47.98	49.08	29.67
12:30	38.09	35.16	33.69	38.82	47.25	53.47	62.27	26.01
13:00	53.84	40.65	35.16	38.82	44.32	53.84	63.73	36.99
13:30	42.85	38.82	32.60	40.65	46.52	60.80	68.86	39.56
14:00	43.58	43.58	42.12	32.23	43.58	50.54	57.14	41.39
14:30	44.68	34.43	31.13	30.03	43.95	43.95	51.64	34.43
15:00	49.45	44.32	40.65	40.29	42.49	49.08	47.98	43.58
15:30	43.22	37.72	37.72	33.69	38.82	41.39	51.28	43.95
16:00	55.67	45.05	41.02	37.00	46.88	40.29	40.65	42.12
16:30	44.32	42.19	39.19	41.02	43.22	41.75	41.02	39.92
17:00	46.88	41.02	47.61	40.65	42.49	41.02	52.01	47.61
17:30	47.25	51.64	44.68	52.02	60.07	47.25	61.53	55.67
18:00	53.84	53.11	54.94	56.77	63.37	57.87	65.20	58.24
18:30	60.80	58.60	59.70	56.77	67.03	71.79	79.48	75.09
19:00	56.04	56.41	59.70	48.71	58.97	66.30	82.78	66.66
19:30	47.98	63.37	53.11	53.84	61.17	56.77	66.30	58.60
20:00	44.68	35.16	47.98	52.38	43.58	49.45	48.35	47.98
20:30	28.93	31.13	34.06	30.03	41.02	27.83	32.60	42.00
21:00	28.93	32.60	33.69	34.43	35.53	20.51	32.23	37.00
21:30	31.86	41.02	43.95	30.76	32.23	30.03	26.73	33.33
22:00	35.53	31.50	28.20	30.76	32.96	24.17	26.73	34.43
22:30	17.94	23.07	24.90	26.73	23.07	16.11	17.21	28.20
23:00	17.58	9.15	13.18	18.68	16.84	11.35	21.97	16.48
23:30	10.62	9.15	13.18	8.05	10.25	6.95	10.98	10.25
Avg	35.71	32.22	31.22	32.78	34.00	35.80	36.76	33.80
Max	62.63	63.37	61.53	65.93	67.03	71.79	82.78	75.09
Min	10.62	6.22	5.12	7.32	4.76	6.95	4.02	7.32

### Meter Readings of Water Towers

#### Pannipitiya Water Tower - Instant Flow in m3/hr

Date Day Time	6/8/98 Mon	6/9/98 Tue	6/10/98 Wed	6/11/98 Thu	6/12/98 Fri	6/13/98 Sat	6/14/98 Sun	6/15/98 Mon
0:00	30.18	26.37	33.70	36.04	21.98	43.37	29.89	20.51
0:30	29.89	18.46	33.70	23.74	21.39	43.37	23.15	25.49
1:00	16.41	21.68	33.70	23.15	18.46	22.86	24.03	21.10
1:30	20.22	16.70	25.78	23.15	20.51	21.68	21.39	15.53
2:00	16.41	15.82	19.92	23.15	16.41	19.34	21.10	18.75
2:30	16.12	14.94	17.58	17.00	17.00	19.04	19.34	18.75
3:00	17.29	14.94	16.41	13.77	17.00	19.04	19.34	21.39
3:30	17.58	14.94	16.41	14.94	16.70	19.34	20.22	19.63
4:00	22.27	13.48	16.12	19.92	17.87	17.29	16.70	20.80
4:30	26.96	20.51	20.80	16.12	21.68	26.96	16.70	25.20
5:00	34.58	26.37	20.80	16.12	31.06	31.35	21.10	37.22
5:30	70.33	59.48	41.90	49.20	64.76	43.66	38.97	55.38
6:00	103.15	59.48	86.44	49.20	93.48	64.47	43.08	94.06
6:30	201.02	190.77	140.36	163.81	182.86	129.23	122.78	141.24
7:00	214.50	218.90	228.86	163.81	224.76	192.23	122.78	206.88
7:30	193.99	203.37	225.93	257.29	214.21	218.02	191.35	212.74
8:00	164.98	188.42	181.10	222.42	196.34	215.38	205.71	206.59
8:30	185.49	170.26	153.26	222.42	183.44	223.00	229.45	201.32
9:00	168.20	167.03	154.72	222.42	171.13	216.26	213.33	182.86
9:30	144.47	134.21	137.44	199.85	135.68	228.57	205.71	160.29
10:00	149.74	135.09	128.94	199.85	138.92	206.00	211.57	106.37
10:30	133.33	128.35	124.25	199.85	136.85	195.16	190.18	123.37
11:00	137.44	110.77	127.47	199.85	128.06	193.11	191.94	110.18
11:30	137.44	113.40	127.47	199.85	134.50	205.42	157.65	117.51
12:00	126.00	108.13	125.71	199.85	125.13	204.83	182.86	124.83
12:30	120.14	108.13	125.71	199.85	138.61	222.42	196.34	124.54
13:00	139.78	108.13	119.26	199.85	128.06	219.48	201.90	133.92
13:30	122.78	108.13	136.85	140.36	158.53	200.73	211.28	133.92
14:00	160.00	108.13	131.57	140.36	132.74	213.33	215.09	133.92
14:30	126.88	108.13	110.18	131.57	143.30		170.26	142.42
15:00	109.60	131.87	102.56	131.57	144.76		166.44	111.65
15:30	127.47	131.87	122.49	136.56	131.57		149.74	140.66
16:00	105.49	132.45	122.78	133.62	138.31		140.37	140.66
16:30	105.49	132.45	122.78	144.76	123.37		142.42	144.47
17:00	97.00	132.45	122.78	164.10	149.74		137.14	125.71
17:30	112.23	132.45	158.24	169.67	159.12		140.36	157.95
18:00	147.98	188.72	142.12	169.67	163.22	228.86	185.78	174.94
18:30	158.83	172.60	142.12	204.83	221.83	203.37	248.79	191.35
19:00	159.70	168.79	181.10	225.35	213.33	218.61	211.57	169.96
19:30	141.24	187.25	205.13	188.13	180.51	215.09	153.26	177.87
20:00	123.96	106.96	140.66	142.71	134.80	135.09	109.60	152.00
20:30	110.48	122.49	135.09	134.50	127.18	135.97	87.03	125.42
21:00	96.12	82.93	135.09	139.19	108.72	90.84	100.22	119.26
21:30	118.39	82.93	101.98	118.68	114.28	90.26	72.96	75.60
22:00	129.52	95.82	96.12	96.12	102.56	94.36	92.30	117.22
22:30	66.22	84.39	84.39	68.86	82.93	82.64	87.62	117.22
23:00	49.82	66.81	51.28	47.18	53.33	60.95	60.07	51.87
23:30	30.48	45.71	51.28	47.18	43.37	44.83	55.09	51.87
Avg	104.95	102.74	105.84	126.07	113.32	128.68	122.42	110.47
Max	214.50	218.90	228.86	257.29	224.76	228.86	248.79	212.74
Min	16.12	13.48	16.12	13.77	16.41	17.29	16.70	15.53

## Meter Readings of Water Towers

### Pannipitiya Water Tower - Instant Flow in m3/hr

Date Day Time	9/21/98 Mon	9/22/98 Tue	9/23/98 Wed	9/24/98 Thu	9/25/98 Fri	9/26/98 Sat	9/27/98 Sun	9/28/98 Mon
0:00	42.20	34.87	31.94	31.35	37.22	33.40	34.28	36.63
0:30	37.51	27.54	25.78	27.25	29.30	28.72	27.54	37.80
1:00	33.70	22.86	28.13	27.25	30.72	28.42	26.37	35.75
1:30	30.18	21.98	24.32	25.49	23.74	21.10	23.74	31.06
2:00	30.77	21.68	23.74	25.20	23.74	21.68	24.91	31.65
2:30	27.84	21.10	23.74	22.27	22.27	24.03	21.10	31.65
3:00	28.42	20.22	23.74	21.10	22.27	24.61	21.39	29.60
3:30	28.13	19.63	18.17	21.39	22.27	24.32	21.39	29.60
4:00	31.35	21.98	18.17	24.61	22.86	25.20	22.27	29.01
4:30	32.52	22.27	18.17	24.61	23.15	24.61	23.15	36.34
5:00	53.04	43.96	26.96	25.49	29.89	31.94	31.94	41.02
5:30	80.00	64.18	64.76	35.46	24.91	50.11	35.46	65.05
6:00	99.92	129.82	64.76	35.46	94.36	62.71	41.90	130.70
6:30	174.00	179.92	139.78	77.07	138.31	107.54	97.00	172.30
7:00	224.76	233.26	215.38	99.04	228.28	177.29	143.88	232.38
7:30	213.33	210.99	223.30	237.65	258.17	240.00	189.60	208.94
8:00	160.88	141.54	206.88	233.26	206.88	225.05	227.40	189.60
8:30	165.56	130.11	190.77	181.10	180.80	248.79	227.40	174.65
9:00	160.00	130.11	179.34	177.00	172.89	246.44	227.40	162.93
9:30	138.61	134.50	167.32	178.46	172.89	246.44	183.74	147.40
10:00	140.07	142.42	154.43	163.81	172.89	204.54	224.47	129.52
10:30	148.86	124.25	129.52	181.39	152.67	191.65	213.62	129.52
11:00	144.18	121.32	165.27	186.08	137.14	173.18	198.97	100.80
11:30	123.37	127.18	149.16	186.08	140.07	155.31	196.92	108.42
12:00	128.64	85.86	131.28	173.77	131.57	186.08	196.92	107.25
12:30	143.59	90.55	131.28	173.77	152.38	186.08	202.78	106.96
13:00	143.30	92.60	159.12	167.91	133.62	150.33	202.78	112.52
13:30	143.88	90.26	135.38	167.03	133.62	136.85	202.78	99.34
14:00	134.50	94.36	135.38	178.17	136.56	136.85	242.34	107.25
14:30	117.22	88.79	159.12	166.74	136.56	129.23	210.70	99.34
15:00	122.78	169.96	159.12	151.21	121.02	123.66	180.22	126.88
15:30	154.14	162.93	115.46	151.21	129.23	120.73	148.86	127.47
16:00	135.09	163.52	113.99	163.81	133.33	133.33	153.55	119.56
16:30	145.35	173.48	181.68	162.34	133.33	133.62	152.09	100.51
17:00	158.24	116.34	181.68	162.34	122.20	117.80	177.29	125.71
17:30	170.84	123.08	142.12	162.34	140.95	117.51	162.05	145.05
18:00	171.43	127.76	141.83	162.34	179.63	137.14	192.52	132.74
18:30	178.17	127.76	167.91	201.90	179.63	157.07	181.68	169.67
19:00	207.47	232.67	143.00	196.04	195.46	187.54	204.25	158.83
19:30	160.58	166.15	142.42	196.63	162.05	175.53	155.60	130.40
20:00	127.18	166.15	113.70	196.63	140.66	123.96	99.63	96.41
20:30	117.80	160.00	124.25	196.63	111.06	109.30	118.68	123.96
21:00	117.22	160.00	97.00	196.63	126.88	92.30	106.96	103.15
21:30	107.54	160.00	104.61	128.64	110.77	100.22	63.88	111.35
22:00	84.69	94.06	101.39	112.52	116.04	100.51	100.51	124.54
22:30	64.76	112.82	86.15	95.24	89.67	91.13	81.46	78.53
23:00	52.74	85.27	61.54	68.57	68.57	63.59	76.19	51.87
23:30	50.70	45.13	46.00	45.42	50.40	59.48	50.11	49.52
Avg	114.31	109.11	112.27	125.54	114.64	118.48	128.12	104.82
Max	224.76	233.26	223.30	237.65	258.17	248.79	242.34	232.38
Min	27.84	19.63	18.17	21.10	22.27	21.10	21.10	29.01

## Meter Readings of Water Towers

### Pannipitiya Water Tower - Instant Flow in m3/hr

Date Day Time	12/14/98 Mon	12/15/98 Tue	12/16/98 Wed	12/17/98 Thu	12/18/98 Fri	12/19/98 Sat	12/20/98 Sun	12/21/98 Mon
0:00	43.37	38.38	44.54	36.04	34.87	33.40	32.52	27.25
0:30	28.42	24.61	33.99	19.34	26.66	25.78	28.42	28.71
1:00	24.02	19.63	33.69	19.34	17.87	17.28	24.02	22.85
1:30	22.56	19.04	31.06	19.04	17.87	21.68	22.56	17.87
2:00	23.73	18.75	30.47	18.75	14.94	19.04	18.75	19.34
2:30	22.27	20.80	30.18	16.41	16.11	18.75	20.51	17.87
3:00	23.44	18.16	28.13	18.46	14.06	18.46	18.75	19.34
3:30	23.73	16.99	30.76	20.51	16.99	19.63	15.23	21.97
4:00	21.97	20.21	28.71	17.87	13.47	19.34	21.39	19.63
4:30	30.76	20.80	33.99	21.68	22.56	23.73	24.02	31.35
5:00	33.40	24.02	42.49	28.13	24.02	19.63	22.27	32.82
5:30	56.84	61.83	66.22	56.84	55.97	41.02	33.69	63.88
6:00	69.74	75.01	79.12	64.76	72.96	60.65	42.49	62.41
6:30	130.40	136.55	145.05	131.86	131.28	87.03	76.48	115.16
7:00	188.13	213.33	223.29	199.85	179.63	121.61	110.18	176.99
7:30	248.20	241.17	250.84	245.27	262.85	205.42	219.19	245.27
8:00	250.54	229.19	242.05	231.20	240.29	188.42	246.15	227.98
8:30	248.79	199.85	237.94	257.58	222.12	200.44	239.12	215.97
9:00	212.16	202.78	219.48	225.05	220.07	203.66	220.07	200.14
9:30	198.68	186.96	194.87	282.85	223.88	185.78	223.00	195.16
10:00	186.37	172.60	173.77	190.76	208.35	193.11	222.41	178.75
10:30	166.74	163.51	157.94	170.25	171.42	176.70	212.74	159.41
11:00	176.70	157.94	151.79	169.37	163.51	163.81	179.34	152.96
11:30	176.41	144.46	160.29	147.69	166.15	178.16	195.16	165.56
12:00	163.51	148.27	155.31	139.78	150.07	156.77	205.42	166.74
12:30	186.66	153.86	177.87	152.67	187.54	175.53	209.81	154.72
13:00	210.69	155.60	192.52	155.60	177.58	190.76	226.22	154.72
13:30	220.07	176.70	211.86	178.75	188.71	198.97	248.49	172.30
14:00	186.66	174.35	195.75	148.27	199.56	181.39	232.08	173.48
14:30	155.89	139.48	159.41	118.09	161.17	160.58	199.26	167.61
15:00	153.26	143.29	156.48	94.94	139.78	147.98	193.40	149.15
15:30	158.53	138.60	133.62	101.68	145.93	146.81	167.03	147.10
16:00	143.00	133.04	152.67	84.68	144.17	156.19	167.91	141.53
16:30	155.01		148.86	111.94	166.15	277.80	166.44	162.05
17:00	163.81		158.53	111.94	159.12	166.44	176.70	170.25
17:30	163.81		156.48	150.91	179.92	164.10	212.45	168.20
18:00	175.53		182.27	165.86	202.19	166.74	212.16	202.49
18:30	198.38		186.96	182.56	219.19	199.56	243.81	235.01
19:00	182.27		217.72	371.28	216.26	225.64	244.68	250.25
19:30	175.82		163.51	189.01	168.49	160.29	165.86	166.74
20:00	161.75		136.55	132.45	135.38	145.05	132.74	149.45
20:30	136.85	135.97	113.11	117.80	113.11	123.37	120.44	136.85
21:00	119.85	148.86	119.56	136.26	126.00	87.03	109.59	129.81
21:30	138.02	133.33	116.63	110.47	114.57	104.02	114.87	133.91
22:00	82.34	133.33	97.28	102.56	109.01	101.68	121.61	131.28
22:30	80.29	86.15	85.56	71.20	86.15	77.36	111.35	104.02
23:00	78.53	61.83	63.00	64.76	71.50	67.98	72.38	73.84
23:30	40.14	52.16	43.66	29.01	48.93	48.05	43.95	52.16
Avg	129.96	113.54	129.08	121.49	128.09	122.35	136.82	127.34
Max	250.54	241.17	250.84	371.28	262.85	277.80	248.49	250.25
Min	21.97	16.99	28.13	16.41	13.47	17.28	15.23	17.87



## Meter Readings of Water Towers

### Pannipitiya Water Tower - Instant Flow in m3/hr

Date Day Time	3/8/99 Mon	3/9/99 Tue	3/10/99 Wed	3/11/99 Thu	3/12/99 Fri	3/13/99 Sat	3/14/99 Sun	3/15/99 Mon
0:00	39.85	45.12	38.38	24.61	48.64	38.68	54.50	29.59
0:30	27.25	29.59	28.71	26.66	27.83	27.83	26.37	26.08
1:00	22.27	27.54	18.46	19.04	28.13	25.78	27.25	21.39
1:30	19.34	20.51	19.63	18.16	17.28	23.73	23.73	16.41
2:00	18.75	20.21	21.97	18.16	17.58	20.80	21.68	15.82
2:30	20.21	21.68	17.58	18.46	16.99	17.28	22.27	16.99
3:00	20.21	17.58	19.63	17.58	16.11	24.32	18.16	16.99
3:30	20.51	20.80	17.28	22.27	17.87	22.27	23.73	24.32
4:00	20.80	21.09	18.46	24.32	18.16	26.37	26.95	15.23
4:30	28.42	28.71	23.44	25.78	23.44	17.87	25.49	28.71
5:00	31.94	39.26	28.71	29.59	32.82	31.64	31.94	36.33
5:30	88.79	74.43	86.73	83.80	89.37	43.07	36.04	99.34
6:00	111.06	113.40	115.16	110.18	115.75	88.79	53.62	115.75
6:30	191.06	187.25	172.30	177.58	157.07	106.66	87.61	189.59
7:00	213.62	235.01	215.09	290.11	245.27	167.32	141.24	216.85
7:30	256.41	264.90	267.83	282.19	280.73	286.88	235.89	274.87
8:00	243.81	235.60	242.63	244.39	278.97	297.14	253.18	243.22
8:30	218.60	231.79	243.22	226.81	242.05	307.10	276.63	233.84
9:00	194.87	198.68	225.34	217.14	257.58	273.99	271.35	219.78
9:30	189.59	191.94	183.15	211.28	208.64	260.82	243.51	200.00
10:00	180.00	186.37	173.77	199.85	198.97	260.22	270.76	190.00
10:30	170.00	167.61	165.56	178.16	153.26	176.41	237.07	184.61
11:00	164.68	191.64	141.83	150.33	162.05	171.72	237.07	188.13
11:30	164.00	164.98	162.63	157.36	159.70	174.00	238.82	164.98
12:00	163.00	155.31	162.63	141.24	176.41	177.58	244.69	157.07
12:30	162.05	161.17	150.91	158.24	176.70	238.53	279.26	175.82
13:00	165.56	155.31	173.48	163.51	179.34	238.24	283.66	168.20
13:30	171.72	155.60	164.68	164.10	186.01	240.29	292.45	171.72
14:00	161.46	161.17	171.13	163.22	184.32	235.31	273.70	172.89
14:30	145.34	168.79	160.29	170.25	176.11	198.97	257.58	165.56
15:00	160.00	175.53	161.17	169.67	178.46	212.45	234.72	174.94
15:30	180.51	171.42	153.84	153.55	172.01	185.78	210.69	195.45
16:00	151.79	157.65	166.15	140.65	175.82	164.98	200.44	184.32
16:30	182.27	180.51	171.72	145.93	179.92	191.35	223.88	181.97
17:00	169.96	185.78	181.97	182.85	198.09	189.89	239.41	229.45
17:30	213.33	217.14	210.40	219.19	232.08	245.56	322.05	237.94
18:00	232.96	266.66	258.16	266.37	277.50	255.00	305.05	265.49
18:30	284.83	306.22	301.24	311.79	327.61	270.47	297.14	179.04
19:00	311.79	309.15	315.60	332.89	363.95	324.39	252.89	153.84
19:30	260.22	286.30	321.75	290.98	279.56	279.56	221.53	169.67
20:00	199.56	211.57	321.75	206.01	171.13	204.24	156.77	142.71
20:30	168.49	157.07	156.77	157.94	167.32	144.46	141.53	147.98
21:00	157.94	165.86	156.48	160.01	145.93	121.31	135.38	152.08
21:30	157.65	155.01	159.41	120.44	166.44	152.08	130.40	141.53
22:00	119.26	138.60	145.34	181.09	128.93	130.69	126.88	120.44
22:30	95.82	115.75	96.70	105.20	106.66	110.18	84.10	86.44
23:00	77.36	83.22	66.81	88.79	74.43	94.06	71.20	30.47
23:30	48.05	53.33	40.43	47.76	45.12	57.72	36.63	36.33
Avg	141.60	146.45	146.17	146.16	151.75	157.37	164.73	137.71
Max	311.79	309.15	321.75	332.89	363.95	324.39	322.05	274.87
Min	18.75	17.58	17.28	17.58	16.11	17.28	18.16	15.23

## Meter Readings of Water Towers

### Pannipitiya Water Tower - Instant Flow in m3/hr

Date Day Time	6/14/99 Mon	6/15/99 Tue	6/16/99 Wed	6/17/99 Thu	6/18/99 Fri	6/19/99 Sat	6/20/99 Sun	6/21/99 Mon
0:00	47.76	57.72	36.33	35.45	49.23	36.63	34.87	37.50
0:30	35.75	29.01	30.47	24.02	29.59	21.68	29.30	29.30
1:00	23.73	23.73	23.73	24.32	22.27	22.27	18.75	23.44
1:30	21.68	19.34	19.92	21.68	17.58	17.87	14.06	25.78
2:00	16.70	19.92	20.21	19.92	21.97	17.58	17.87	23.15
2:30	13.18	20.51	19.92	18.16	17.58	18.75	13.18	18.46
3:00	16.11	21.68	19.34	16.99	19.04	15.23	16.99	22.56
3:30	16.11	21.68	20.21	17.58	22.56	16.99	18.16	19.34
4:00	15.53	24.02	21.68	22.27	24.61	21.09	20.51	19.63
4:30	22.27	34.57	27.54	30.47	29.59	25.20	19.92	29.30
5:00	38.68	39.56	49.23	50.98	31.94	33.40	24.61	44.83
5:30	96.41	68.57	110.18	98.46	96.99	37.21	27.83	73.84
6:00	139.78	155.01	162.05	151.79	143.29	82.93	56.26	152.38
6:30	186.66	213.04	266.08	212.16	191.94	225.05	151.50	228.86
7:00	273.70	320.29	312.38	286.01	307.10	285.42	237.07	227.10
7:30	273.40	250.25	286.88	267.54	302.12	308.86	268.42	231.20
8:00	205.12	217.14	239.70	230.62	248.49	290.69	296.26	218.90
8:30	209.81	217.14	200.44	235.60	227.10	253.18	314.72	203.95
9:00	209.25	231.79	211.57	203.95	235.60	252.30	301.53	206.01
9:30	186.66	206.01	192.52	198.38	196.04	225.34	309.74	150.62
10:00	186.66	188.71	158.82	187.83	199.56	235.01	295.38	147.10
10:30	181.68	183.73	162.63	172.30	198.09	218.31	268.42	163.81
11:00	181.68	149.15	148.86	198.09	173.18	210.98	266.66	160.58
11:30	162.93	152.08	171.13	162.63	299.78	221.24	266.08	143.59
12:00	171.13	161.17	169.67	166.44	304.46	212.16	251.72	140.95
12:30	177.87	139.48	145.34	162.34	329.96	230.91	280.14	160.58
13:00	166.15	168.79	155.31	181.68	318.24	238.53	344.32	173.77
13:30	170.84	149.45	173.48	148.27	346.37	227.39	305.64	197.80
14:00	162.05	177.28	143.01	161.17	140.95	234.72	308.57	164.98
14:30	177.28	157.36	143.88	153.26	159.70	249.67	248.49	170.54
15:00	159.70	157.36	144.76	171.72	153.26	214.50	214.21	163.81
15:30	175.53	157.36	141.53	167.03	135.38	190.18	212.16	164.10
16:00	156.48	159.41	155.31	164.68	180.51	190.18	178.16	152.08
16:30	173.77	170.84	149.74	162.00	182.56	195.45	184.61	176.99
17:00	160.87	208.05	149.74	159.41	201.02	210.98	191.64	196.33
17:30	207.76	203.37	203.07	185.78	206.88	218.60	266.96	216.26
18:00	217.72	225.93	234.72	221.53	259.92	239.70	299.48	226.81
18:30	245.86	251.72	254.06	237.07	261.97	239.70	339.92	228.57
19:00	232.67	289.52	234.13	412.89	275.16	239.70	307.10	222.71
19:30	253.77	222.71	215.97	247.61	240.58	285.71	300.95	206.30
20:00	195.16	185.49	164.68	171.13	164.68	171.13	163.81	159.70
20:30	140.65	145.64	149.74	140.07	152.38	148.86	162.93	172.30
21:00	142.41	165.27	149.15	198.68	137.43	86.15	127.17	181.09
21:30	160.29	149.74	159.41	156.77	167.32	127.47	127.47	152.96
22:00	160.29	150.33	131.86	133.04	123.37	138.60	117.21	149.45
22:30	72.38	87.32	75.60	118.68	101.97	93.47	101.39	109.59
23:00	63.58	69.45	65.05	68.27	71.50	72.96	70.91	66.52
23:30	37.80	45.12	56.26	34.28	44.83	43.07	45.12	44.83
Avg	140.48	142.98	139.11	146.06	161.78	158.19	175.80	137.51
Max	273.70	320.29	312.38	412.89	346.37	308.86	344.32	231.20
Min	13.18	19.34	19.34	16.99	17.58	15.23	13.18	18.46

### Meter Readings of Water Towers

#### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	3/16/98 Mon	3/17/98 Tue	3/18/98 Wed	3/19/98 Thu	3/20/98 Fri	3/21/98 Sat	3/22/98 Sun	3/23/98 Mon
0:00	414.65	378.51	411.47	410.98	404.64	339.51	428.81	386.56
0:30	372.65	371.18	354.82	369.23	375.09	364.34	340.17	342.12
1:00	360.44	358.24	343.59	357.02	325.51	352.13	355.31	321.36
1:30	333.57	368.98	322.34	322.34	327.96	322.83	324.78	307.93
2:00	334.55	358.48	321.36	323.81	339.43	332.11	328.44	303.54
2:30	340.90	347.00	311.35	335.77	337.72	312.82	309.64	293.04
3:00	342.12	339.43	286.20	348.71	340.17	319.17	304.76	302.32
3:30	351.16	339.43	317.70	327.71	348.71	323.56	302.32	293.52
4:00	360.92	347.49	322.58	344.81	352.38	326.49	297.92	317.94
4:30	365.32	372.65	343.83	346.03	346.03	367.03	334.06	317.94
5:00	364.34	385.83	357.75	346.03	357.26	371.67	345.54	368.98
5:30	440.04	454.21	426.12	442.00	438.82	439.56	404.88	389.01
6:00	492.55	483.76	507.20	486.20	442.24	474.23	435.16	389.01
6:30	497.68	592.67	599.02	573.13	579.24	499.87	478.87	522.10
7:00	567.03	630.76	639.80	621.97	584.86	509.40	493.28	575.58
7:30	591.20	656.16	675.45	660.56	636.63	630.76	610.74	630.28
8:00	557.50	628.32	626.61	634.43	643.71	638.09	601.46	592.67
8:30	590.23	609.76	606.10	606.10	647.13	642.49	617.82	568.98
9:00	576.55	603.66	606.10	630.52	629.06	654.94	617.09	608.54
9:30	596.09	602.44	600.00	629.30	618.55	642.24	628.32	603.90
10:00	591.20	575.33	603.41	600.73	618.07	618.31	559.95	600.97
10:30	571.42	588.52	582.90	562.88	601.46	621.00	617.09	585.10
11:00	572.65	573.13	576.80	562.88	597.55	618.55	624.42	575.58
11:30	543.83	562.14	564.34	548.47	609.52	610.01	603.41	574.35
12:00	562.39	560.44	563.37	546.27	551.41	568.98	612.45	
12:30	555.80	555.80	576.80	566.05	594.62	614.65	608.54	
13:00	571.91	585.10	562.39	547.74	610.74	615.38	638.58	
13:30	589.01	568.98	553.35	542.85	604.88	617.82	639.31	
14:00	578.75	570.94	553.60	530.64	578.26	617.82	619.53	
14:30	571.42	550.91	569.47	544.56	581.68	584.12	600.97	
15:00	559.70	568.25	561.66	565.56	570.20	570.94	600.00	
15:30	548.47	571.67	569.47	565.56	570.45	536.50	566.05	
16:00	553.84	568.01	578.26	557.50	569.23	543.83	569.23	
16:30	527.71	571.42	584.12	585.34	561.90	541.63	564.34	
17:00	547.00	586.56	591.20	579.24	551.16	575.58	532.84	
17:30	569.23	603.90	618.55	540.41	584.37	601.22	611.72	689.13
18:00	585.59	607.08	631.99	588.52	610.50	600.00	576.80	604.64
18:30	594.13	620.26	645.91	602.68	612.45	607.08	588.52	643.46
19:00	596.58	630.28	619.53	591.69	620.75	592.67	579.24	640.53
19:30	581.68	601.95	606.34	590.96	601.22	560.44	561.90	615.87
20:00	563.61	570.20	530.64	549.93	557.99	534.79	535.28	606.34
20:30	549.69	544.81	549.69	547.25	564.59	587.91	528.20	574.35
21:00	539.68	528.20	535.04	545.78	555.80	508.18	490.84	559.21
21:30	557.50	507.93	510.37	555.06	567.27	520.87	543.34	579.48
22:00	557.50	525.76	558.73	550.91	569.71	465.69	541.63	569.23
22:30	513.30	510.86	508.42	510.62	510.62	497.19	494.75	540.90
23:00	474.23	487.18	473.99	481.31	502.32	479.36	453.23	513.06
23:30	400.97	433.70	398.77	431.76	428.08	428.81	389.49	425.39
Avg	507.88	519.96	515.80	512.70	523.58	514.64	508.56	495.48
Max	596.58	656.16	675.45	660.56	647.13	654.94	639.31	689.13
Min	333.57	339.43	286.20	322.34	325.51	312.82	297.92	293.04

## Meter Readings of Water Towers

### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	6/8/98 Mon	6/9/98 Tue	6/10/98 Wed	6/11/98 Thu	6/12/98 Fri	6/13/98 Sat	6/14/98 Sun	6/15/98 Mon
0:00	378.51	396.82	379.24	392.18	388.76	406.59	393.65	507.93
0:30	328.44	369.23	348.71	354.57	378.75	383.63	410.98	507.93
1:00	317.46	377.77	348.23	376.55	335.77	387.54	368.01	507.93
1:30	318.68	345.78	342.12	349.93	322.34	385.10	361.66	507.93
2:00	294.26	347.00	356.53	333.33	310.37	352.13	327.71	353.11
2:30	302.07	331.62	359.70	321.36	301.83	338.21	318.68	353.11
3:00	334.06	308.42	382.66	308.18	333.82	317.70	314.04	368.74
3:30	338.46	334.55	365.32	321.61	337.48	349.69	354.82	368.74
4:00	335.28	347.98	375.09	326.74	358.94	352.38	359.21	368.74
4:30	353.11	380.46	358.24	353.60	368.98	366.78	369.47	368.74
5:00	396.33	394.38	365.81	353.60	392.43	398.04	393.16	368.74
5:30	416.85	426.37	426.61	444.93	400.73	407.08	420.51	436.14
6:00	443.46	414.40	459.34	497.68	452.50	407.08	442.24	436.14
6:30	488.88	467.64	554.57	549.45	517.94	500.61	463.24	591.20
7:00	587.30	510.62	593.40	570.45	590.23	557.26	487.91	616.85
7:30	600.97	503.54	605.61	590.96	597.07	583.98	571.91	616.85
8:00	600.00	558.73	615.87	598.29	611.72	583.98	575.09	616.85
8:30	611.72	609.52	603.90	574.60	578.02	644.20	610.50	616.85
9:00	592.67	625.39	632.96	590.47	610.98	609.52	596.33	583.15
9:30	641.02	675.21	602.44	607.57	637.36	673.50	652.01	583.15
10:00	641.02	676.67	581.19	597.55	617.09	661.29	696.21	583.15
10:30	626.37	667.88	566.05	611.72	588.52	646.15	636.38	583.15
11:00	652.50	673.99	537.72	583.15	582.90	598.77	631.99	583.15
11:30	601.95	658.85	531.62	541.39	580.46	619.53	612.94	583.15
12:00	601.95	665.69	551.89	548.71	606.34	619.53	612.94	583.15
12:30	562.14	665.69	541.39	574.11	594.13	610.74	617.33	583.15
13:00	562.14	627.83	556.77	573.87	620.75	628.81	631.50	581.44
13:30	571.67	627.83	568.98	567.27	593.65	623.93	631.50	565.56
14:00	603.41	652.74	562.88	567.03	593.89	623.93	636.38	597.55
14:30	597.80	625.15	582.66	565.81	587.79	611.23	636.38	587.79
15:00	597.80	625.15	558.48	572.65	604.64	618.31	636.38	569.23
15:30	581.92	600.73	559.95	561.66	592.43	599.75	636.38	583.15
16:00	570.69	581.44	522.83	544.81	560.92	582.90	636.38	555.80
16:30	592.67	627.59	534.31	548.47	540.25	602.44	620.26	559.21
17:00	603.66	627.59	552.38	537.72	527.71	600.00	620.26	539.92
17:30	585.34	619.04	519.65	504.27	527.71	596.09	620.26	565.56
18:00	548.71	582.66	506.22	501.83	547.74	543.59	620.26	501.09
18:30	529.42	523.81	557.26	512.82	561.17	551.16	620.26	542.36
19:00	536.02	511.60	533.82	485.47	555.55	572.89	600.97	503.78
19:30	537.24	504.51	575.09	475.00	545.29	546.27	600.97	490.35
20:00	537.24	487.42	566.52	465.00	528.20	527.47	600.97	477.41
20:30	525.03	487.42	486.20	456.16	553.11	515.99	600.97	483.02
21:00	519.17	470.08	480.58	467.64	515.99	515.99	565.32	476.43
21:30	507.93	503.78	505.98	462.75	543.83	511.60	565.32	495.72
22:00	556.77	503.78	483.02	500.12	543.83	470.33	565.32	546.52
22:30	524.05	487.91	448.84	489.86	499.39	470.08	565.32	481.31
23:00	434.18	434.92	446.15	451.28	456.16	464.22	507.93	428.08
23:30	413.43	431.01	400.48	400.48	422.95	452.25	507.93	360.44
Avg	508.37	518.30	497.82	489.26	508.72	520.63	538.04	513.95
Max	652.50	676.67	632.96	611.72	637.36	673.50	696.21	616.85
Min	294.26	308.42	342.12	308.18	301.83	317.70	314.04	353.11

## Meter Readings of Water Towers

### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	9/21/98 Mon	9/22/98 Tue	9/23/98 Wed	9/24/98 Thu	9/25/98 Fri	9/26/98 Sat	9/27/98 Sun	9/28/98 Mon
0:00	371.42	377.28	384.12	371.91	340.17	382.41	393.65	355.80
0:30	376.80	348.47	351.89	377.28	322.34	373.62	387.30	346.03
1:00	357.02	353.60	331.62	353.35	322.83	363.12	344.32	349.20
1:30	336.02	332.60	321.85	347.49	291.33	343.34	331.62	355.55
2:00	335.77	332.11	313.06	345.78	291.08	338.46	325.51	327.71
2:30	320.14	319.41	304.51	333.33	298.16	316.97	321.12	335.28
3:00	310.86	326.25	315.75	324.78	298.16	323.07	316.97	325.51
3:30	323.81	333.82	326.74	316.23	323.56	324.05	329.18	319.90
4:00	348.23	352.13	341.88	327.22	333.57	321.85	337.72	316.48
4:30	374.35	354.33	344.81	360.19	345.78	346.03	358.97	318.70
5:00	380.22	363.37	401.70	343.83	373.62	366.30	379.24	348.47
5:30	452.25	429.79	427.59	453.48	444.44	423.93	401.70	388.52
6:00	505.98	462.27	501.09	546.52	460.56	475.21	413.91	419.53
6:30	575.82	569.23	577.53	608.79	567.76	534.31	520.39	603.66
7:00	596.33	610.50	614.40	598.77	585.34	584.12	555.06	613.18
7:30	576.80	619.29	615.87	652.74	625.39	632.72	606.34	637.36
8:00	581.92	611.23	607.32	636.38	597.80	620.75	625.88	636.87
8:30	582.41	592.43	599.51	650.06	594.13	706.96	642.73	625.64
9:00	573.13	582.41	601.95	634.92	599.51	696.21	674.23	640.29
9:30	627.83	674.72	647.13	634.92	665.93	653.72	711.35	649.08
10:00	638.58	649.57	642.73	660.07	652.01	648.35	712.08	618.55
10:30	618.31	607.32	640.29	617.33	650.30	661.78	691.81	625.64
11:00	616.60	594.13	666.91	629.06	633.21	661.29	686.20	606.34
11:30	591.69	581.44	621.97	614.65	635.16	651.03	669.84	589.98
12:00	632.72	581.44	602.68	628.08	633.94	660.80	661.29	582.90
12:30	623.19	567.27	617.82	623.44	649.57	673.26	676.43	575.82
13:00	616.60	559.95	630.76	642.73	656.41	646.64	685.47	587.79
13:30	619.04	561.66	453.72	644.20	637.36	634.18	697.92	582.90
14:00	600.24	552.38	443.95	620.26	584.86	636.87	683.02	526.98
14:30	592.18	552.13	611.23	606.10	604.88	625.39	680.83	580.70
15:00	614.16	556.77	578.02	621.49	598.77	612.45	621.73	598.29
15:30	595.11	565.56	570.94	589.25	598.77	585.34	626.61	589.25
16:00	622.22	549.93	512.33	618.31	599.02	586.56	611.96	572.16
16:30	584.12	543.83	551.16	616.85	591.69	573.38	616.85	598.29
17:00	596.09	554.57	564.10	609.28	615.62	527.71	621.49	601.95
17:30	532.84	526.25	518.19	564.10	559.46	549.93	639.80	620.00
18:00	559.70	517.21	527.47	583.88	569.47	543.34	635.40	639.00
18:30	567.03	542.85	541.39	590.47	569.71	584.37	588.03	520.00
19:00	551.89	527.47	548.96	580.46	581.92	574.60	570.69	535.53
19:30	520.87	529.18	507.44	537.97	520.87	530.15	524.54	489.13
20:00	525.51	492.30	532.35	544.56	498.65	495.72	504.51	486.69
20:30	526.98	511.84	527.47	524.54	515.26	492.06	509.64	487.42
21:00	507.93	490.84	515.75	501.09	504.51	454.45	499.39	474.48
21:30	503.78	512.33	530.15	492.79	507.44	454.45	444.93	505.00
22:00	543.59	484.24	503.05	504.76	526.49	503.05	505.98	530.40
22:30	483.02	446.88	445.66	449.57	473.26	481.56	487.42	472.52
23:00	446.15	426.12	419.04	405.86	432.96	450.79	412.21	407.32
23:30	393.40	400.00	370.45	372.65	403.66	416.85	378.02	390.23
Avg	515.22	498.56	502.63	525.25	514.31	521.74	533.78	506.42
Max	638.58	674.72	666.91	660.07	665.93	706.96	712.08	649.08
Min	310.86	319.41	304.51	316.23	291.08	316.97	316.97	316.48

## Meter Readings of Water Towers

### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	12/14/98 Mon	12/15/98 Tue	12/16/98 Wed	12/17/98 Thu	12/18/98 Fri	12/19/98 Sat	12/20/98 Sun	12/21/98 Mon
0:00	349.69	522.83	343.34	421.97	387.54	415.14	380.46	372.89
0:30	349.69	522.83	347.49	381.44	349.20	369.96	370.20	358.48
1:00	349.69	349.93	352.86	368.74	357.75	378.75	330.89	363.12
1:30	349.69	349.93	359.46	355.31	331.38	369.23	349.20	368.98
2:00	349.69	335.04	352.38	355.31	321.36	359.70	332.35	377.77
2:30	354.57	321.36	346.76	355.31	331.13	352.38	326.00	366.54
3:00	365.32	321.36	337.72	335.77	344.56	343.10	324.76	326.49
3:30	365.32	313.30	330.40	321.85	347.25	327.71	336.99	347.98
4:00	365.32	297.19	334.79	354.33	364.10	330.89	337.72	346.03
4:30	365.32	296.21	328.69	350.67	367.03	338.70	368.25	407.32
5:00	336.99	296.21	346.76	350.67	352.38	344.81	375.09	420.51
5:30	336.99	296.21	432.96	442.24	458.36	421.24	376.31	449.81
6:00	332.35	498.41	485.47	442.24	502.32	471.30	463.49	487.42
6:30	332.35	498.41	560.68	506.71	584.37	507.20	504.27	509.15
7:00	332.35	498.41	622.81	592.43	632.96	572.89	528.69	520.63
7:30	332.35	634.92	669.59	622.95	645.17	646.15	626.61	568.49
8:00	365.07	665.93	683.27	657.63	674.72	655.18	642.49	623.44
8:30	365.07	681.31	679.36	652.50	642.73	659.34	673.01	642.97
9:00	365.07	665.69	677.65	661.29	657.63	659.82	690.11	651.52
9:30	365.07	653.48	677.90	661.29	654.45	663.49	708.18	644.93
10:00	365.07	653.48	669.59	640.29	646.64	680.83	689.86	642.73
10:30	365.07	653.48	662.51	640.29	653.23	679.12	696.70	621.73
11:00	684.98	651.03	642.97	625.64	656.16	658.60	675.45	572.65
11:30	684.98	651.03	644.68	619.53	641.02	658.85	684.98	601.22
12:00	684.98	651.03	653.23	623.19	639.07	663.73	676.43	560.44
12:30	672.28	614.89	654.94	627.59	636.14	656.41	681.31	604.88
13:00	672.28	614.89	592.91	639.31	658.60	660.80	690.11	600.73
13:30	672.28	632.96	603.66	639.80	650.30	672.28	675.45	607.32
14:00	689.86	630.76	586.56	639.80	611.72	656.41	682.78	603.90
14:30	689.86	621.73	569.71	620.51	617.33		658.12	594.62
15:00	617.82	607.32	546.52	604.88	606.10		599.02	591.69
15:30	617.82	586.56	545.05	593.89	610.74		611.72	585.34
16:00	617.82	585.34	542.61	579.48	619.04		610.01	613.18
16:30	597.07	580.46	534.79	612.45	614.40		601.95	603.90
17:00	597.31	582.90	556.28	621.73	616.85		614.65	617.33
17:30	597.31	530.40	556.28	586.56	567.03	637.60	578.26	580.46
18:00	597.31	503.05	556.28	568.25	563.61	642.97	588.76	603.90
18:30	597.31	509.89	556.28	574.11	569.47	582.41	599.02	615.38
19:00	597.31	505.83	556.28	538.46	591.45	579.48	580.46	580.70
19:30	597.31	514.28	564.83	498.65	565.56	547.74	562.88	539.68
20:00	529.18	479.12	564.83	476.19	547.00	540.41	553.84	551.16
20:30	508.18	495.72	564.83	483.51	515.50	538.46	529.42	526.74
21:00	518.19	507.20	498.90	497.68	508.18	484.24	526.25	537.24
21:30	522.83	486.69	498.90	504.76	465.44	506.96	487.91	549.45
22:00	522.83	494.75	494.75	503.05	516.72	502.32	516.48	535.53
22:30	522.83	425.39	511.11	473.99	472.03	480.58	455.67	468.13
23:00	522.83	405.37	511.11	447.61	475.70	477.90	442.49	439.56
23:30	522.83	360.19	421.97	411.96	426.61	427.59	389.98	366.78
Avg	487.79	511.56	523.60	522.58	532.67	526.73	535.52	522.31
Max	689.86	681.31	683.27	661.29	674.72	680.83	708.18	651.52
Min	332.35	296.21	328.69	321.85	321.36	327.71	324.76	326.49

## Meter Readings of Water Towers

### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	3/8/99 Mon	3/9/99 Tue	3/10/99 Wed	3/11/99 Thu	3/12/99 Fri	3/13/99 Sat	3/14/99 Sun	3/15/99 Mon
0:00	368.01	398.77	393.40	392.43	410.25	420.75	436.14	352.38
0:30	348.71	354.57	359.46	369.23	386.56	420.02	407.81	370.20
1:00	348.47	357.99	365.32	369.23	390.96	403.41	358.48	367.76
1:30	363.37	347.25	368.98	354.33	381.68	400.73	335.28	346.03
2:00	361.66	340.65	380.46	354.33	381.19	352.13	329.67	337.24
2:30	372.89	343.83	371.67	373.13	354.09	351.16	347.01	365.07
3:00	363.12	353.35	348.23	365.81	345.78	333.33	348.71	379.24
3:30	365.32	361.41	335.28	355.31	338.70	323.81	364.59	358.97
4:00	357.99	372.65	345.05	350.42	346.03	330.15	377.53	378.02
4:30	355.80	391.20	373.87	359.70	368.25	374.11	383.88	349.20
5:00	360.92	405.37	378.02	371.42	366.30	383.88	404.15	354.09
5:30	437.36	465.20	463.24	439.80	476.19	480.09	441.02	430.52
6:00	481.56	497.68	545.29	519.65	547.01	507.44	476.92	479.12
6:30	603.90	580.46	635.65	611.23	649.08	560.92	529.91	591.45
7:00	630.28	631.25	674.72	648.35	686.20	596.58	565.56	597.31
7:30	664.46	679.12	708.91	659.58	762.14	687.66	654.94	626.86
8:00	656.89	663.73	680.83	676.43	762.14	693.77	681.31	625.64
8:30	639.80	639.80	675.94	655.67	742.85	640.04	689.86	584.12
9:00	656.16	658.36	688.15	655.18	715.99	697.92	685.71	584.12
9:30	653.23	628.08	601.46	657.63	686.20	684.49	674.48	635.16
10:00	618.07	635.65	625.39	640.00	626.61	702.07	695.97	615.87
10:30	607.32	608.79	599.02	630.03	569.47	653.72	664.71	598.29
11:00	605.86	600.24	600.73	602.44	578.02	680.09	649.81	638.58
11:30	613.67	614.89	588.52	607.32	0.00	663.01	662.51	580.22
12:00	599.51	608.05	577.53	610.50	0.73	680.83	673.50	642.24
12:30	638.58	635.16	545.05	635.65	0.00	685.47	695.23	630.28
13:00	646.64	621.97	615.87	633.70	0.00	700.36	696.70	619.78
13:30	630.52	635.65	609.52	632.96	0.00	674.23	705.01	654.45
14:00	628.81	630.28	639.80	647.86	0.00	675.94	696.21	615.38
14:30	620.26	630.52	627.59	623.44	0.00	640.04	690.11	595.84
15:00	638.82	641.27	601.46	641.27	0.00	665.44	617.82	633.70
15:30	625.15	630.76	600.00	644.20	0.24	634.18	643.95	629.54
16:00	633.21	627.59	604.88	642.73	0.00	623.19	634.92	625.15
16:30	621.01	636.87	593.40	638.09	0.00	636.14	638.82	611.96
17:00	616.11	629.54	589.98	625.39	0.00	619.78	607.08	640.29
17:30	604.39	600.73	574.60	658.85	0.48	521.85	617.33	526.98
18:00	605.86	595.36	605.12	614.65	1000.00	523.81	572.89	535.53
18:30	612.45	608.54	596.58	628.08	615.87	536.50	608.05	518.92
19:00	615.38	594.62	598.53	620.26	561.90	551.16	579.24	516.72
19:30	618.07	558.73	602.19	604.39	588.76	533.08	561.90	518.43
20:00	568.49	535.04	572.89	574.60	524.29	482.78	550.18	526.74
20:30	537.97	490.35	552.13	520.14	512.08	518.19	549.45	520.14
21:00	496.94	474.97	527.47	524.05	531.13	491.33	510.62	515.50
21:30	536.50	497.68	572.89	487.42	541.39	497.68	536.75	536.26
22:00	553.84	494.99	572.16	547.25	539.68	501.83	517.94	520.14
22:30	519.17	480.34	525.51	529.91	512.33	534.06	430.28	494.99
23:00	491.08	464.22	463.98	498.90	510.37	502.07	401.70	451.28
23:30	429.79	407.81	415.62	437.36	464.22	460.80	351.16	414.40
Avg	540.07	534.61	539.42	546.67	391.15	546.50	546.93	521.67
Max	664.46	679.12	708.91	676.43	1000.00	702.07	705.01	654.45
Min	348.47	340.65	335.28	350.42	0.00	323.81	329.67	337.24



## Meter Readings of Water Towers

### Kolonnawa Water Tower - Instant Flow in m3/hr

Date Day Time	6/14/99 Mon	6/15/99 Tue	6/16/99 Wed	6/17/99 Thu	6/18/99 Fri	6/19/99 Sat	6/20/99 Sun	6/21/99 Mon
0:00	407.08	401.22	419.04	440.78	395.84	439.56	434.18	390.96
0:30	395.84	393.65	402.19	405.37	352.86	417.09	388.76	364.10
1:00	400.97	387.79	404.15	403.41	350.67	409.76	388.76	343.10
1:30	390.72	398.53	409.28	396.09	343.10	373.87	393.65	343.59
2:00	372.40	383.88	400.01	365.07	318.19	359.46	404.64	355.80
2:30	376.06	336.50	398.04	352.38	352.13	351.16	347.25	374.35
3:00	354.57	358.24	386.32	337.24	369.47	380.95	336.02	378.75
3:30	367.03	378.02	365.56	339.43	373.87	385.10	342.12	396.82
4:00	351.64	392.18	389.49	367.52	380.46	387.54	337.24	400.97
4:30	356.53	402.19	364.10	391.94	404.64	363.37	357.99	411.72
5:00	358.97	414.65	383.63	452.25	413.43	362.63	384.86	426.37
5:30	485.22	476.67	479.12	490.84	481.80	456.16	444.68	478.87
6:00	523.07	484.24	519.17	543.83	558.48	501.34	478.14	552.38
6:30	583.15	612.94	665.44	610.01	648.59	601.22	525.76	592.43
7:00	654.45	677.16	640.04	684.01	682.05	635.16	603.41	604.88
7:30	659.34	632.72	698.90	683.27	675.94	678.87	661.78	618.55
8:00	651.03	638.82	668.62	674.23	704.51	673.99	697.43	618.55
8:30	657.63	650.06	677.16	673.26	617.82	702.80	706.22	630.52
9:00	654.70	637.60	683.27	654.45	689.37	688.15	674.48	619.29
9:30	632.96	647.13	645.17	632.96	637.85	699.63	705.25	592.91
10:00	633.21	649.81	657.83	634.43	688.76	680.83	708.91	603.17
10:30	625.39	636.87	682.41	652.74	644.68	681.31	703.29	579.97
11:00	636.14	618.31	628.08	637.85	672.77	652.50	686.20	553.35
11:30	630.03	592.43	568.49	643.71	645.17	645.42	703.78	587.79
12:00	625.64	626.61	617.09	622.95	659.82	684.24	702.56	612.94
12:30	657.14	642.73	608.54	614.89	669.84	674.23	696.21	557.50
13:00	639.31	671.79	620.26	614.89	653.23	703.29	672.03	595.11
13:30	654.94	659.82	652.25	578.02	647.61	677.16	715.50	602.44
14:00	631.99	634.43	645.91	592.43	608.54	674.48	650.79	620.51
14:30	622.22	664.22	607.57	607.08	647.13	676.67	674.23	622.71
15:00	632.47	670.57	640.53	599.51	606.10	672.28	635.65	603.41
15:30	626.37	630.76	606.83	564.83	644.93	630.28	616.11	572.89
16:00	590.47	637.36	609.78	568.00	637.36	628.81	650.30	610.50
16:30	637.85	600.97	615.62	571.67	631.25	638.09	653.23	590.47
17:00	658.60	662.02	592.43	619.04	647.37	624.66	641.75	594.62
17:30	585.10	580.22	586.08	563.12	585.10	592.91	636.87	562.39
18:00	597.31	565.32	568.49	579.24	609.76	599.75	602.68	543.59
18:30	607.57	551.89	619.04	548.47	598.77	606.34	618.55	588.76
19:00	583.15	565.32	610.01	592.91	615.87	619.29	555.80	578.26
19:30	556.77	621.01	560.68	575.33	576.80	581.92	575.09	577.77
20:00	567.03	581.19	549.93	567.27	587.79	591.20	578.02	542.12
20:30	562.14	588.52	546.03	552.62	545.05	527.71	566.78	542.61
21:00	562.14	559.71	511.84	554.82	532.84	533.08	551.40	559.95
21:30	510.37	578.99	578.02	524.54	494.99	563.61	547.01	574.35
22:00	562.14	533.82	521.61	570.69	508.18	546.03	561.66	589.25
22:30	455.67	492.55	468.13	545.29	484.01	474.48	481.56	529.91
23:00	416.60	472.03	435.40	482.78	501.09	438.58	481.56	516.72
23:30	421.73	437.11	442.01	394.38	439.80	439.80	481.56	462.02
Avg	544.23	550.64	546.86	543.16	552.72	560.97	561.70	532.71
Max	659.34	677.16	698.90	684.01	704.51	703.29	715.50	630.52
Min	351.64	336.50	364.10	337.24	318.19	351.16	336.02	343.10



**Meter Readings of Reservoir**  
**Church-Hill Reservoir - Instant Flow in m3/hr**

Date Day Time hrs	6/8/98 Mon	6/9/98 Tue	6/10/98 Wed	6/11/98 Thu	6/12/98 Fri	6/13/98 Sat	6/14/98 Sun	6/15/98 Mon
0:00	1927.23	2071.79	1824.66	1926.25	1932.11	1938.95	1819.78	1681.07
0:20	1912.54	2037.58	1824.66	1819.78	1838.34	1950.67	1712.33	1743.59
0:40	1874.96	2005.37	1745.05	1777.78	1876.43	1941.88	1697.68	1667.40
1:00	1852.01	2005.37	1665.45	1770.94	1868.62	1993.65	1817.83	1714.29
1:20	1852.01	1967.76	1667.89	1743.59	1800.24	1834.43	1711.36	1668.38
1:40	1840.29	1908.18	1669.36	1689.87	1779.73	1939.93	1927.23	1892.06
2:00	1828.57	1886.20	1668.38	1662.52	1905.74	1769.96	1735.78	1631.26
2:20	1753.35	1873.51	1628.82	1684.98	1853.97	1964.35	1670.33	1686.94
2:40	1618.55	1984.02	1601.47	1700.61	1763.13	1789.50	1927.23	1888.16
3:00	1558.97	1927.23	1613.68	1700.61	1704.52	1988.77	1821.73	1949.69
3:20	1858.97	1923.81	1592.10	2008.30	1769.96	1707.45	1734.80	1789.50
3:40	1546.76	1896.94	1603.91	1876.43	1706.47	1739.68	1707.45	1751.40
4:00	1534.55	1873.50	1637.12	1876.43	1787.55	1766.06	1974.11	1697.68
4:20	1537.48	1906.72	1664.96	1961.42	1709.40	1834.43	1763.13	1891.09
4:40	1550.18	1954.58	1695.24	1883.27	1753.36	2017.09	1741.64	1844.20
5:00	1629.79	1969.23	1697.68	1961.42	1827.59	1905.74	2015.14	1773.87
5:20	1726.66	2013.18	1762.63	2073.75	1979.48	1873.50	1925.27	1897.92
5:40	1823.69	2262.76	2100.61	2098.17	2131.38	2107.94	2141.15	2024.91
6:00	1941.39	2468.38	2373.63	2282.78	2217.34	2247.62	1985.84	2153.85
6:20	2300.37	2539.68	2547.99	3042.74	2439.07	2290.60	2088.40	2355.07
6:40	2541.64	2611.97	2783.39	3019.29	2624.66	2400.00	2068.86	2943.10
7:00	2541.64	2612.94	2844.44	3019.29	2678.39	2860.07	2236.87	2857.14
7:20	2564.11	2612.94	2732.11	3031.01	2798.53	3060.32	2360.93	2880.00
7:40	2604.64	2637.36	2595.36	3032.97	3094.51	2979.24	2821.00	2900.00
8:00	2622.71	2661.78	2570.94	3031.01	3006.59	2955.80	2824.91	2928.45
8:20	2652.51	2506.96	2558.73	2683.27	3044.69	2869.84	2842.49	3034.92
8:40	2647.62	2352.14	2546.52	2578.75	3011.48	2783.88	2933.33	2969.48
9:00	2612.94	2352.14	2546.52	2578.75	3004.64	2614.90	2827.84	2567.03
9:20	2797.55	2342.83	2528.45	2605.13	2938.22	2682.30	3011.48	2497.68
9:40	2982.17	2454.71	2553.36	2574.85	2622.71	2647.13	2511.36	2610.01
10:00	2982.17	2573.87	2596.34	2458.61	2580.71	2632.43	2453.72	2505.49
10:20	2965.08	2596.83	2531.82	2485.96	2546.52	2657.08	2564.10	2566.06
10:40	2947.99	2618.30	2467.40	2769.23	2561.17	2583.64	2624.66	2483.03
11:00	2947.99	2618.80	2467.40	2442.98	2510.38	2544.57	2487.91	2467.40
11:20	2720.39	2618.80	2474.73	2414.65	2448.84	2588.52	2404.88	2458.61
11:40	2492.80	2616.60	2446.35	2446.64	2487.91	2541.64	2579.73	2485.47
12:00	2492.80	2618.80	2414.65	2399.02	2503.54	2554.33	2462.52	2512.33
12:20	2492.80	2618.80	2436.63	2468.38	2456.65	2627.59	2418.56	2505.49
12:40	2509.89	2618.80	2436.15	2590.48	2501.59	2667.64	2456.65	2588.52
13:00	2526.98	2618.80	2413.68	2551.40	2579.73	2644.20	2438.10	2530.89
13:20	2531.86	2041.14	2469.59	2568.99	2608.06	2679.37	2941.15	2583.64
13:40	2558.73	2463.49	2501.59	2540.63	2561.17	2661.78	2874.73	2507.45
14:00	2580.71	2463.49	2497.68	2461.54	2617.83	2633.46	2814.16	2496.70
14:20	2580.71	2463.49	2480.59	2544.57	2535.78	2679.37	2429.30	2405.86
14:40	2534.31	2409.28	2456.17	2527.96	2619.78	2648.11	2403.91	2435.17
15:00	2487.91	2355.07	2448.84	2549.45	2554.33	2549.45	2476.19	2458.61
15:20	2472.73	2355.07	2478.14	2857.14	2589.50	2580.71	2407.81	2556.29
15:40	2453.23	2511.84	2505.49	2833.70	2560.20	2501.59	2345.30	2497.68
16:00	2448.84	2668.62	2505.49	2821.00	2600.24	2536.75	2507.45	2472.28
16:20	2407.32	2668.62	2568.99	2896.22	2920.64	2485.96	2336.51	2452.75
16:40	2405.37	2668.62	2521.12	2962.64	2980.22	2531.87	2358.97	2433.21
17:00	2444.93	2630.03	2521.12	2634.43	2967.52	2535.78	2373.63	2481.07
17:20	2517.71	2591.45	2629.55	2657.88	3018.32	2580.71	2316.00	2507.45
17:40	2595.85	2500.61	2633.46	2617.83	2913.80	2845.42	2409.77	2500.61
18:00	2601.22	2392.67	2633.46	2632.48	2884.49	3010.30	2360.93	2554.33
18:20	2612.45	2375.58	2609.04	2717.46	2745.79	2954.82	2434.19	2962.64
18:40	2623.69	2430.77	2634.43	2683.27	2707.69	2971.43	2496.70	2915.75
19:00	2623.69	2403.91	2634.43	2689.13	2677.41	2887.42	2485.96	2930.40
19:20	2594.87	2326.25	2551.40	2657.88	2722.34	2835.65	2628.57	2945.06
19:40	2566.06	2203.67	2452.75	2583.64	2569.96	2786.81	2413.68	2487.91
20:00	2566.06	2158.73	2452.75	2525.03	2529.91	2687.18	2356.04	2427.35
20:20	2566.06	2158.73	2331.62	2534.80	2478.14	2390.23	2414.65	2451.77
20:40	2566.06	2380.95	2368.74	2560.20	2485.96	2403.91	2370.70	2418.56
21:00	2566.06	2603.17	2368.74	2522.10	2351.16	2268.13	2063.98	2306.23
21:20	2566.06	2358.97	2492.80	2404.88	2473.26	2315.02	2057.14	2400.98
21:40	2483.03	2110.38	2487.91	2495.73	2434.19	2297.44	2009.28	2414.65
22:00	2400.00	2105.98	2487.91	2438.10	2361.90	2316.00	2026.86	2351.16
22:20	2400.00	2074.23	2275.95	2407.81	2295.48	2239.80	2081.56	2280.83
22:40	2330.64	2042.49	2141.15	2326.74	2202.69	2181.20	1893.04	2125.52
23:00	2261.29	2042.49	2141.15	2155.80	2160.20	2098.17	1751.40	2075.70
23:20	2190.96	1945.78	2024.91	2097.19	2073.75	2020.02	1704.52	2021.98
23:40	2096.21	1836.87	1926.25	2013.19	2059.10	1946.76	1702.56	1976.07
Avg	2343.74	2312.29	2288.41	2411.74	2415.37	2410.53	2256.87	2344.85
Max	2982.17	2668.62	2844.44	3042.74	3094.51	3060.32	3011.48	3034.92
Min	1534.55	1836.87	1592.10	1662.52	1704.52	1707.45	1670.33	1631.26

### Meter Readings of Reservoir

#### Church-Hill Reservoir - Instant Flow in m3/hr

Date Day Time hrs	9/21/98 Mon	9/22/98 Tue	9/23/98 Wed	9/24/98 Thu	9/25/98 Fri	9/26/98 Sat	9/27/98 Sun	9/28/98 Mon
0:00	2012.00	1976.07	1817.83	1873.50	1811.97	1974.11	2179.24	1788.52
0:20	2044.44	2115.75	1790.00	1821.73	1804.15	1876.43	1798.29	1763.13
0:40	2213.43	1899.88	1768.01	1818.80	1811.97	1858.85	2173.38	1769.96
1:00	2219.29	1890.11	1754.33	1809.04	1858.85	1844.20	1809.04	1761.17
1:20	2205.62	1925.27	1735.78	1802.20	1784.62	1821.73	2159.71	1750.43
1:40	2258.36	1915.51	1755.31	1787.55	1773.87	1794.38	1760.20	1763.13
2:00	1993.65	1910.00	2120.64	1758.24	1769.96	1770.94	1755.00	1788.52
2:20	1985.84	1943.83	2037.61	1778.75	1753.36	1711.36	1750.43	2095.24
2:40	1974.11	1920.39	2071.79	1800.24	1722.10	1721.12	1754.33	1768.01
3:00	2003.42	1932.11	1748.47	1790.48	1678.14	1907.69	1736.75	1768.01
3:20	2010.26	2066.91	1733.82	1774.85	1694.75	1743.59	1782.66	1765.08
3:40	1993.65	1935.04	1714.29	1777.78	1720.00	1784.62	1798.29	1780.71
4:00	1953.60	1954.58	1729.91	1841.27	1739.68	1774.85	1793.41	1806.21
4:20	2022.95	1979.00	1790.48	1799.27	1856.90	1808.06	1782.66	1817.83
4:40	2059.10	2049.33	1822.71	1886.20	1837.36	1861.78	1814.90	1817.83
5:00	2546.52	1978.02	1871.55	1960.00	2404.88	1881.32	1853.97	1915.51
5:20	2806.35	2000.49	2032.72	2010.26	2424.42	2407.81	2327.72	2000.49
5:40	2334.55	2140.17	2170.45	2141.15	2510.38	2497.68	1979.00	2414.65
6:00	2448.84	2276.92	2628.54	2296.46	2652.99	2534.80	2057.14	2937.24
6:20	2594.38	2424.42	2541.64	2477.17	2806.35	2732.11	2634.43	2728.21
6:40	2798.53	2862.03	2922.59	2610.01	3044.65	2863.00	2809.28	2821.00
7:00	2746.76	2932.36	2910.87	2807.01	2793.65	2541.64	2905.98	2975.34
7:20	2739.93	2952.87	2815.14	3077.90	2809.28	2947.99	3025.15	2871.79
7:40	2700.85	2993.90	2772.16	3039.80	2640.29	2845.42	2962.64	2823.93
8:00	2647.13	2896.22	2840.54	3089.62	2657.88	2822.96	2925.52	2803.42
8:20	2600.24	2614.90	2731.14	2810.00	2591.45	2820.02	2855.19	2471.31
8:40	2612.94	2564.10	2695.97	2692.06	2598.29	2796.58	2943.10	2539.68
9:00	2573.87	2541.64	2663.74	2663.74	2815.14	2781.93	2620.76	2565.08
9:20	2576.80	2530.00	2725.27	2638.34	2657.88	2737.00	2628.00	2477.17
9:40	2614.90	2522.10	2700.85	2648.11	2671.55	2774.48	2638.34	2482.05
10:00	2569.96	2580.71	2790.00	2659.83	2777.05	2667.64	2624.66	2404.88
10:20	2549.45	2544.57	2795.60	2629.55	2675.82	2673.50	2600.24	2482.05
10:40	2752.63	2502.56	2700.85	2618.80	2683.64	2634.43	2610.99	2649.08
11:00	2960.68	2652.99	2668.62	2634.43	2574.85	2908.91	2546.52	2676.43
11:20	2923.57	2702.81	2673.50	2610.99	2569.96	2711.60	2559.22	2497.68
11:40	3040.78	2457.63	2482.05	2781.93	2532.84	2741.88	2507.45	2629.55
12:00	2762.39	2761.42	2546.52	2609.04	2530.89	2798.53	2483.03	2473.26
12:20	3018.32	2712.58	2570.94	2642.25	2522.10	2783.88	2564.10	2593.41
12:40	2798.53	2722.34	2568.99	2849.33	2589.50	2942.12	2591.45	2486.94
13:00	2869.84	2746.76	2726.25	2668.62	2793.65	2775.09	2630.00	2417.58
13:20	2803.42	2444.93	2487.91	2720.39	2634.43	2749.69	2652.99	2482.05
13:40	2936.26	2407.81	2496.00	2645.18	2624.66	2736.02	2640.29	2472.28
14:00	2497.68	2395.12	2507.45	3059.34	2619.78	2711.60	2599.27	2484.01
14:20	2502.56	2531.87	2540.66	2961.66	2942.12	2678.39	2879.61	2470.00
14:40	2536.75	2384.37	2869.84	2975.34	2891.33	2614.90	2583.64	2468.38
15:00	2556.29	2407.81	2784.86	2961.66	2882.54	2625.64	2886.45	2415.63
15:20	2526.98	2380.46	2790.72	2585.59	2853.24	2599.27	2868.86	2448.84
15:40	2506.47	2374.60	2798.53	2531.87	2526.98	2725.27	2827.91	2496.70
16:00	2512.33	2340.42	2816.12	2603.17	2540.66	2888.40	2409.77	2415.63
16:20	2832.72	2419.54	2821.00	2561.17	2570.94	2921.61	2398.05	2535.78
16:40	2536.75	2433.21	2791.70	2565.08	2595.36	3104.27	2404.88	2481.07
17:00	2569.96	2457.63	2638.34	2619.78	2652.99	2945.06	2442.98	2549.45
17:20	2624.66	2521.12	2544.57	2638.34	2770.21	2629.55	2463.49	2591.45
17:40	2658.85	2526.98	2573.87	2682.30	2676.43	2672.53	2824.91	2637.36
18:00	2606.11	2688.16	2575.82	2653.97	2842.49	2712.58	2630.00	2604.15
18:20	3004.64	2569.96	2617.83	2668.62	2788.77	2688.16	2564.10	2564.10
18:40	2979.24	2710.62	2590.00	2857.14	2824.91	2712.58	2886.45	2989.01
19:00	2837.61	2568.99	2573.87	2629.55	2652.99	2629.55	2457.63	2945.06
19:20	3005.62	2896.22	2482.05	2678.39	2561.17	2439.07	2404.88	2915.75
19:40	2458.61	2878.63	2459.58	2555.31	2868.38	2358.97	2345.30	2884.49
20:00	2456.00	2783.88	2409.77	2525.03	2483.03	2285.71	2259.34	2779.00
20:20	2454.70	2424.42	2384.37	2505.00	2491.82	2229.06	2241.00	2667.64
20:40	2424.42	2434.19	2275.95	2476.19	2440.05	2248.60	2224.18	2368.74
21:00	2307.20	2365.81	2290.60	2507.45	2407.81	2154.82	2153.85	2308.18
21:20	2393.16	2370.70	2307.20	2388.28	2446.89	2345.30	2078.63	2277.90
21:40	2412.70	2482.05	2219.29	2444.93	2346.28	2189.99	2273.02	2375.58
22:00	2483.03	2243.71	2148.96	2360.93	2251.53	2144.08	2233.94	2233.94
22:20	2335.53	2233.94	2101.10	2268.13	2122.59	2058.12	2471.31	2086.45
22:40	2464.47	2173.38	2042.49	2179.24	2360.93	1961.42	2027.84	2037.61
23:00	2163.61	2039.56	1985.84	2078.63	2140.17	1912.58	2307.20	2297.44
23:20	2065.93	1893.04	2238.83	1922.34	2233.94	1891.09	1863.74	1916.88
23:40	1985.84	1888.16	1881.32	2153.85	1995.60	1866.67	1805.13	2204.64
Avg	2499.70	2384.72	2388.67	2427.09	2427.61	2420.92	2372.82	2368.70
Max	3040.78	2993.90	2922.59	3089.62	3044.65	3104.27	3025.15	2989.01
Min	1953.60	1888.16	1714.29	1758.24	1678.14	1711.36	1736.75	1750.43

Meter Readings of Reservoir

Church-Hill Reservoir - Instant Flow in m3/hr

Date Day Time hrs	12/14/98 Mon	12/15/98 Tue	12/16/98 Wed	12/17/98 Thu	12/18/98 Fri	12/19/98 Sat	12/20/98 Sun	12/21/98 Mon
0:00	1858.85	2003.42	1939.93	1949.69		2000.00		2000.49
0:20	1778.75	1995.60	1979.00	1971.18		1969.23		2003.42
0:40	1749.45	1976.07	1907.69	1937.00		1964.35		1915.51
1:00	1709.40	1910.62	1891.09	1935.04		1932.11		1936.02
1:20	1733.82	1944.81	1888.16	1888.77		1919.41		1938.95
1:40	1721.12	1940.90	1896.00	1893.04		1993.65		1954.58
2:00	1642.00	1921.37	1907.69	1990.72		1932.11		1915.51
2:20	1726.98	1912.58	1896.95	1912.58		1902.81		1917.46
2:40	1760.20	1910.62	1899.88	1891.09		1915.51		1980.95
3:00	1714.29	1878.39	1882.30	1922.34		1891.09		1861.78
3:20	1663.79	1765.08	1896.00	1935.04		1872.53		1958.49
3:40	1761.17	1726.01	1906.72	1858.85		1922.34		1976.07
4:00	1778.75	1775.82	1929.18	1897.92		1902.81		1978.02
4:20	1712.33	1827.59	2038.58	1915.51		1937.00		2052.26
4:40	1852.01	2088.40	2029.79	1917.46		2005.37		2115.75
5:00	2189.99	1846.15	2175.34	2005.37		2039.56		2093.28
5:20	2271.06	2051.28	2145.06	2115.75		2101.10		2170.45
5:40	2082.54	2149.94	2257.39	2231.99		2273.02		2261.29
6:00	2179.24	2166.54	2340.42	2287.67		2624.66		2302.32
6:20	2706.72	2432.23	2466.42	2779.00		2683.27		2463.49
6:40	2746.76	2613.92	2677.41	2876.68		2850.31		2894.26
7:00	2863.00	2850.31	2716.48	2996.83		3001.71		2987.06
7:20	2959.71	2674.48	2883.52	3102.32		3029.06		2981.20
7:40	3029.06	3060.32	2765.32	2977.29		3057.39		3088.64
8:00	2637.36	3052.50	2767.28	3009.52		3063.25		2946.03
8:20	2746.76	3029.60	3052.50	2987.06		3019.29		2991.94
8:40	2766.30	2977.29	3018.32	2945.06		2965.57		2974.36
9:00	2716.48	2999.76	3050.55	2918.68		3023.20		2887.42
9:20	2833.70	2995.85	3010.50	2693.04		2894.26		2837.61
9:40	2814.16	2744.81	2991.94	2648.11		2728.21		2705.74
10:00	2617.83	2834.43	2717.46	2635.41		2760.44		2712.58
10:20	2628.57	2573.87	2697.92	2688.16		2663.74		2667.64
10:40	2580.71	2640.29	2686.20	2564.10		2718.44		2526.98
11:00	2570.00	2574.85	2677.41	2583.64		2741.83		2561.17
11:20	2552.38	2568.99	2679.37	2531.87		2698.90		2540.66
11:40	2525.03	2549.45	2731.14	2526.98		2619.78		2492.80
12:00	2622.71	2559.00	2759.46	2566.06		2638.34		2540.66
12:20	2610.01	2569.96	2687.18	2595.36		2670.00		2566.06
12:40	2603.17	2658.85	2707.69	2550.43		2700.85		2639.32
13:00	2642.25	2610.01	2658.85	2648.11		2702.81		2644.20
13:20	2860.07	2618.80	2726.25	2522.10		2732.11		2574.85
13:40	2894.26	2643.22	2648.11	2517.22		2722.34		2600.24
14:00	2835.65	2883.52	2610.01	2529.00		2706.72		2668.62
14:20	2814.16	2835.65	2594.38	2541.64		2624.66		2574.85
14:40	2779.00	2902.08	2551.40	2490.84		2648.11		2926.50
15:00	2765.32	2828.82	2601.22	2466.42		2554.33		2879.61
15:20	2667.64	2785.84	2575.82	2443.96		2564.10		2789.74
15:40	2639.32	2783.88	2476.19	2744.81		2583.64		2822.96
16:00	2671.55	2806.35	2575.82	2686.20		2657.88		2786.81
16:20	2696.95	2473.26	2505.49	2663.74		2550.43		2845.42
16:40	2736.02	2468.38	2521.12	2647.13		2579.73		2876.68
17:00	2656.90	2440.05	2536.75	2692.06		2575.82		2891.33
17:20	2867.89	2510.38	2876.68	2746.76		2602.00		3307.45
17:40	2818.07	2477.17	2901.10	2779.00		2629.55		3167.77
18:00	2850.31	2500.61	2950.92	2780.95		2624.66		2829.79
18:20	2786.81	2502.56	2995.00	2943.10		2667.64		2798.53
18:40	2715.51	2556.29	3044.69	3111.11		2779.00		2830.77
19:00	2634.43	2530.89	2642.25	3174.60		2650.06		2735.04
19:20	2606.11	2446.89	2501.59	2989.99		2561.17		2697.92
19:40	2542.61	2395.12	2612.94	2918.68		2512.33		2609.04
20:00	2492.80	2344.32	2462.52	2863.98		2476.19		2573.87
20:20	2472.28	2407.81	2447.00	2525.03		2433.00		2536.75
20:40	2466.42	2340.42	2432.23	2487.91		2389.26		2554.33
21:00	2434.19	2300.37	2316.97	2430.28		2273.02		2453.72
21:20	2547.50	2448.84	2414.65	2466.42		2363.86		2491.82
21:40	2396.09	2310.13	2358.97	2457.63		2419.54		2440.00
22:00	2316.97	2224.18	2302.32	2344.32		2336.51		2395.12
22:20	2306.23	2194.87	2325.76	2296.46		2263.25		2363.86
22:40	2214.41	2131.38	2169.48	2316.00		2238.83		2282.78
23:00	2139.19	2086.45	2207.57	2200.00		2160.00		2129.43
23:20	2110.87	2029.79	2042.49	2100.00		2080.00		1916.48
23:40	2010.26	2000.49	2008.30	2000.00		2000.00		2204.64
Avg	2422.28	2407.93	2460.36	2475.81		2462.35		2507.49
Max	3029.06	3060.32	3052.50	3174.60		3063.25		3307.45
Min	1642.00	1726.01	1882.30	1858.85		1872.53		1861.78

## Meter Readings of Reservoir

### Church-Hill Reservoir - Instant Flow in m3/hr

Date Day Time hrs	3/8/99 Mon	3/9/99 Tue	3/10/99 Wed	3/11/99 Thu	3/12/99 Fri	3/13/99 Sat	3/14/99 Sun	3/15/99 Mon
0:00	1551.16	2165.57	2290.60	1440.78	0.00	1609.77	0.00	1618.56
0:20	1554.09	2100.12	2281.81	1455.43	0.00	1626.37	0.00	1592.19
0:40	1505.25	2117.70	2238.83	1393.90	0.00	1613.68	0.00	1554.09
1:00	1492.55	1837.36	2194.87	1369.43	0.00	1583.39	1.95	1543.35
1:20	1470.09	1761.17	2184.13	1416.36	4.88	1577.53	0.00	1536.51
1:40	1441.76	1777.78	2160.68	1403.66	0.00	2027.81	0.00	1530.00
2:00	1510.13	1775.82	2223.20	1862.76	1.90	1569.72	0.00	1520.00
2:20	1490.60	1773.87	2173.38	1411.48	0.00	1560.93	4.88	1514.04
2:40	1473.02	1756.29	2224.18	1402.69	2.93	1519.90	4.88	1480.83
3:00	1490.60	1761.17	2122.59	1384.13	3859.34	1539.44	1.95	1509.16
3:20	1484.74	2095.24	2218.32	1370.45	3537.97	1553.11	4.89	1492.55
3:40	1502.32	1739.68	2202.69	1431.99	3435.41	1556.00	0.00	1518.93
4:00	1484.74	1782.66	2168.30	1411.48	3467.64	1558.97	0.00	1533.58
4:20	1523.81	2101.10	2175.34	1930.16	3351.40	1985.84	2809.28	1577.53
4:40	1590.23	1827.59	2228.08	1523.81	3479.37	2093.28	2964.59	1622.47
5:00	1670.33	1927.23	2316.00	2053.24	3358.24	2424.42	2974.36	1702.56
5:20	1775.82	2042.49	2505.49	2434.19	3513.55	2468.38	3551.65	2224.18
5:40	1946.76	2204.64	2658.85	2634.43	3643.47	2568.99	3664.96	2710.62
6:00	2047.38	2297.44	2739.93	2793.65	3656.17	2634.43	3557.51	2832.72
6:20		2444.93	3162.88	2915.75	3729.43	2915.75	3664.96	2892.31
6:40	2994.87	2530.39	3219.54	3275.21	3786.08	3114.04	3763.61	3156.04
7:00	3228.33	2889.38	2740.90	3292.80	3781.20	3104.27	3817.34	3342.61
7:20	3260.56	2891.33	2755.56	3304.52	3820.00	3269.35	3879.85	3401.22
7:40	3226.37	3206.84	2737.97	3363.13	3859.34	3292.80	3938.46	3324.06
8:00	3155.07	2876.68	2687.18	3248.84	3835.90	3253.72	3914.04	3294.75
8:20	3107.20	2894.26	2695.97	3250.79	3860.32	3318.19	4000.00	3250.79
8:40	3172.63	3206.84	2989.01	3280.10	3758.73	3265.45	3970.00	3126.74
9:00	3043.71	2777.05	2681.32	3214.65	3787.06	3148.23	3933.58	3107.20
9:20	3082.78	2822.96	2663.74	3192.19	3900.37	3123.81	3789.99	3048.60
9:40	3109.16	2536.75	2330.65	2905.98	3509.65	3003.66	3511.60	2993.90
10:00	3018.32	2525.03	2736.02	2935.29	3379.73	2996.00	3468.62	2996.83
10:20	3011.48	2791.70	2700.85	2799.51	3328.94	2989.01	3358.24	2915.75
10:40	2971.43	2822.71	2345.30	2793.65	3278.14	2922.59	3184.37	2876.68
11:00	2911.84	2429.30	2799.51	2818.07	3087.67	2908.91	3150.18	2886.45
11:20	2879.61	2624.66	2809.23	2835.65	3135.53	2926.50	2835.65	2884.49
11:40	2091.33	2526.98	2676.68	2649.33	2946.03	2961.66	2794.63	2964.59
12:00	2600.24	2095.24	2886.00	2852.26	2960.68	2905.98	2512.33	3059.34
12:20	2044.44	2566.06	2896.22	2859.10	2882.54	2937.24	2442.00	2868.86
12:40	2617.83	2126.50	2791.70	2839.56	2876.68	2964.59	2439.07	3034.92
13:00	2358.97	2136.26	2876.68	2987.06	2961.66	2996.83	2453.72	2853.24
13:20	2180.22	2070.82	2848.35	2893.28	2903.05	3094.51	2450.00	2994.87
13:40	2170.45	2148.96	2823.95	2969.48	2867.89	3112.09	2446.89	2899.15
14:00	2168.50	2962.64	2830.00	2892.31	2864.96	3065.00	2407.81	2930.00
14:20	2155.80	2947.01	2837.00	2904.03	2878.63	3018.32	2427.35	2954.82
14:40	2122.59	3065.20	2837.61	2940.17	2855.19	3102.32	2394.14	2915.75
15:00	2321.86	3079.85	2808.30	2857.14	2892.31	3081.81	2334.55	2879.61
15:20		3052.50	2735.04	2967.52	2905.95	2967.52	2329.67	2711.60
15:40	2155.80	2954.82	2798.53	2898.17	2949.94	2986.08	2349.21	2380.46
16:00	2141.15	2927.47	2759.46	2891.33	3016.36	2930.40	2316.97	2390.23
16:20	2290.60	2884.49	2750.67	2869.84	3013.43	2618.80	2368.74	2438.10
16:40		2923.57	2825.89	2925.52	3065.20	2711.60	2390.23	3074.97
17:00	2637.36	3000.73	2840.54	2952.87	2974.36	2677.41	2962.64	3165.81
17:20	2403.91	3079.85	2898.17	2842.49	3015.38	3009.52	3001.71	3206.84
17:40	2438.10	3003.66	2999.76	2888.4	3019.29	3011.48	3185.35	3128.69
18:00	2466.42	3037.85	2920.64	2468.38	3065.20	2801.47	2989.99	3158.00
18:20	2460.52	3052.50	2934.00	2594.38	3084.74	2814.16	3073.02	2811.23
18:40	2599.27	3097.44	2947.01	3109.16	3099.39	2839.56	3020.27	2363.86
19:00	2605.13	3170.70	2883.52	3065.20	3170.00	2801.47	3148.23	2331.62
19:20	2764.35	2990.96	2827.84	2974.36	3243.96	2808.30	3094.51	2720.39
19:40	2966.54	2935.29	2759.46	2915.75	3130.65	2686.20	3065.20	2707.69
20:00	2595.36	2847.38	2779.00	2811.23	3109.16	2630.53	2979.24	2081.56
20:20	2564.10		2059.10	320.39	2351.16	2227.11	2351.16	2033.70
20:40	2496.70		2312.09	0.00	2310.13	2146.03	2325.76	2010.26
21:00	2777.05	2917.70	2297.44	0.97	2180.00	2165.57	2267.16	1971.18
21:20	2357.02	3044.69	2321.56	0.00	2057.14	2054.21	2032.72	2047.38
21:40	2613.92	2915.75	2720.39	0.00	2173.38	2003.42	2018.07	2007.33
22:00	2541.64	2629.55	1893.04	0.00	2446.89	2034.68	1983.88	1922.34
22:20	2142.12	2697.92	2286.69	0.00	2395.12	2248.60	1961.42	2282.78
22:40	2059.10	2568.99	1740.66	4.88	2326.74	1.95	1814.90	1827.59
23:00	1940.90	2482.05	1676.19	2.90	1865.69	0.00	1778.75	1731.87
23:20	1905.74	2419.54	1578.51	0.00	1736.75	0.00	1710.38	1653.72
23:40	1883.27	2356.04	1980.95	0.00	1670.00	4.88	1653.72	1599.02
Avg	2301.70	2537.61	2558.35	2169.14	2700.22	2431.19	2347.18	2447.58
Max	3260.56	3206.84	3219.54	3363.13	3900.37	3318.19	4000.00	3401.22
Min	1441.76	1739.68	1578.51	0.00	0.00	0.00	0.00	1480.83

Meter Readings of Reservoir

Church-Hill Reservoir - Instant Flow in m3/hr

Date Day Time hrs	6/14/99 Mon	6/15/99 Tue	6/16/99 Wed	6/17/99 Thu	6/18/99 Fri	6/19/99 Sat	6/20/99 Sun	6/21/99 Mon
0:00	1431.01	1451.53	1504.27	1976.07	1520.88	1520.88	1476.92	1570.70
0:20	1421.25	1396.83	1452.50	1983.88	1440.78	1436.87	1455.43	1546.28
0:40	1363.61	1357.75	1437.85	1824.66	1432.97	1424.18	1411.48	1524.79
1:00	1350.92	1348.96	1407.57	1852.01	1382.17	1413.43	1389.01	1540.00
1:20	1357.75	1416.36	1426.13	1824.66	1412.45	1409.52	1369.48	1553.11
1:40	1365.57	1325.52	1403.66	1765.08	1377.29	1354.82	1367.52	1521.86
2:00	1335.29	1360.00	1453.48	1758.24	1394.87	1362.64	1340.17	1579.49
2:20	1380.22	1413.43	1447.62	1814.90	1455.43	1391.94	1343.10	1559.95
2:40	1379.24	1336.26	1403.66	1726.01	1384.13	1394.87	1368.50	1558.10
3:00	1331.38	1355.80	1383.15	1729.91	1451.53	1352.87	1347.99	1528.69
3:20	1377.29	1350.92	1393.90	1726.98	1383.15	1364.59	1357.75	1553.11
3:40	1374.36	1369.48	1401.71	1730.89	1400.00	1408.55	1389.99	1404.64
4:00	1413.43	1398.78	1452.50	1701.59	1417.34	1490.60	1378.27	1432.97
4:20	1406.59	1435.90	1490.60	1720.15	1555.07	1524.79	1418.32	1453.48
4:40	1435.90	1602.93	1524.79	1794.38	1511.11	1494.51	1443.71	1539.44
5:00	1546.28	1724.05	1677.17	1868.62	1624.42	1519.90	1472.04	1612.70
5:20	1690.84	1722.10	1819.78	1949.69	1721.12	1680.10	1585.35	1782.66
5:40	1862.76	1888.16	2000.49	2183.15	1912.58	1735.78	1690.84	1890.11
6:00	2027.84	2057.14	2186.08	2219.29	2180.22	1948.72	1797.31	2086.45
6:20	2310.13	2385.35	2326.74	2365.81	2418.56	2233.94	2112.82	2263.25
6:40	2666.67	2457.63	2816.12	2453.72	2810.26	2483.03	2311.11	2414.65
7:00	2668.62	2517.22	2848.35	2568.99	2850.31	2575.82	2412.70	2442.98
7:20	2609.04	2695.88	2835.65	2580.71	2796.58	2638.34	2536.75	2635.41
7:40	2612.94	2657.88	2762.39	2457.63	2757.51	2644.20	2526.98	2584.62
8:00	2671.55	2693.04	2599.27	2432.23	2754.58	2691.09	2564.10	2559.22
8:20	2637.36	2633.46	672.03	2539.68	2623.69	2684.25	2575.82	2550.43
8:40	2644.20	2575.82	813.67	2745.79	2722.34	2657.88	2741.88	2555.31
9:00	2673.50	2466.42	816.60	2749.69	2600.24	2595.36	2639.32	2419.54
9:20	2606.11	2463.49	525.51	2804.40	2594.38	2593.41	2637.36	2321.86
9:40	2352.14	2427.35	478.63	2779.01	2583.64	2570.00	2625.00	2331.62
10:00	2273.02	2364.84	456.16	2761.42	2589.50	2551.40	2612.94	2498.66
10:20	2257.39	2369.72	402.44	2726.25	2573.87	2515.26	2594.38	2501.59
10:40	2192.92	2399.02	392.67	2717.46	2527.96	2501.59	2477.17	2439.07
11:00	2198.78	2351.16	330.15	2639.32	2500.61	2472.28	2448.84	2413.68
11:20	2170.45	2341.39	362.39	2637.36	2505.49	2507.45	2443.96	2263.25
11:40	2146.03	2266.18	302.80	2608.06	2424.42	2473.26	2408.79	2300.37
12:00	2159.71	2258.36	320.39	2479.12	2326.74	2462.52	2467.40	2231.99
12:20	2195.00	2280.00	359.46	2473.26	2340.42	2516.24	2475.00	2233.94
12:40	2237.85	2312.09	253.96		2373.63	2535.78	2482.05	2290.60
13:00	2194.87	2355.07	240.29		2402.93	2605.13	2546.52	2302.32
13:20	2141.15	2363.86	932.84		2337.48	2610.01	2554.53	2228.08
13:40	2194.87	2336.51			2359.95	2732.11	2566.06	2270.00
14:00	2136.26				2223.20	2683.27	2497.68	2307.20
14:20	2110.87				2194.87	2656.90	2428.33	2259.34
14:40	2192.92				2225.15	2539.68	2385.35	2227.11
15:00	2168.50				2218.32	2439.07	2351.16	2140.00
15:20	2126.50				2160.68	2358.97	2286.69	2044.44
15:40	2139.19				2185.10	2331.62	2290.60	2114.77
16:00	2066.91				2170.45	2384.37	2266.18	2063.98
16:20	2071.79		929.91		2209.52	2409.77	2326.74	2136.26
16:40	2098.17		960.19		2150.92	2341.39	2321.86	2356.04
17:00	2179.24	2375.58	1017.83		2276.92	2379.49	2380.00	2345.30
17:20	2153.85	2354.09	1057.88		2614.90	2642.25	2434.19	2310.13
17:40	2184.13	2467.40	1042.25		2642.25	2610.00	2349.21	2312.09
18:00	2229.06	2472.28	1037.36		2726.25	2580.71	2422.47	2344.32
18:20	2189.99	2453.72	1032.48		2560.20	2497.68	2429.30	2347.25
18:40	2429.30	2360.93	808.79	2399.02	2569.96	2376.56	2560.20	2394.14
19:00	2360.93	2393.16	520.63	2405.86	2517.22	2466.42	2364.84	2434.19
19:20	2356.04	2340.00	335.04		2512.33	2390.23	2420.51	2574.85
19:40	2282.78	2280.83	172.89	2301.34	2419.54	2339.44	2365.81	2496.70
20:00	2189.99	2238.83	197.31	2212.45	2285.71	2231.99	2275.02	2438.10
20:20	2180.22	2258.36	590.96	2183.15	2360.93	2290.60	2339.44	2368.74
20:40	2141.15	2155.80	390.72		2384.37	2077.66	2325.76	2429.30
21:00	2170.45	2164.59	2622.71	2173.38	2258.36	2141.15	2251.53	2066.91
21:20	2180.22	2219.29	2614.90	2263.25		2003.42	2290.60	2095.24
21:40	2150.92	2063.98	2446.89		2282.78	1990.72	2257.39	2068.86
22:00	2093.28	1971.18	2383.39	2110.87	2144.08	1961.42	2202.69	1970.00
22:20	1900.85	1954.58	2326.74	2015.14	1878.39	1861.78	1905.74	1878.39
22:40	1814.90	1829.55	2282.78	1821.73	1779.73	1754.33	1883.27	1751.40
23:00	1746.52	1800.24	2155.80	1652.75	1650.79	1670.33	1841.27	1639.07
23:20	1670.33	1690.84		1548.23	1560.93	1606.84	1705.49	1572.65
23:40	1611.72	1568.74	2066.91	1545.30	1509.16	1553.11	1606.84	1480.83
Avg	2027.68	2058.69	1303.33	2182.40	2146.56	2147.93	2124.04	2086.92
Max	2673.50	2695.88	2848.35	2804.40	2850.31	2732.11	2741.88	2635.41
Min	1331.38	1325.52	172.89	1545.30	1377.29	1352.87	1340.17	1404.64

## Meter Readings of Water Towers

## Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	3/16/98 Mon	3/17/98 Tue	3/18/98 Wed	3/19/98 Thu	3/20/98 Fri	3/21/98 Sat	3/22/98 Sun	3/23/98 Mon
0:00	1991.45	1956.04	1810.74	1859.58	1908.43	2041.51	1362.64	2012.21
0:30	1898.66	1753.36	1739.93	1785.10	1908.43	1759.46	1389.50	1877.90
1:00	1887.67	1764.35	1661.78	1722.83	1853.48	1721.61	1532.36	1792.43
1:30	1821.73	1684.98	1637.36	1661.78	1853.48	1676.43	1672.77	1777.78
2:00	1719.17	1660.56	1673.99	1605.62	1678.88	1680.10	1594.63	1694.75
2:30	1715.51	1650.79	1620.27	1614.16	1654.46	1593.41	1556.78	1713.06
3:00	1693.53	1658.12	1631.26	1578.75	1633.70	1581.20	1576.31	1643.47
3:30	1733.82	1663.00	1594.63	1660.56	1558.00	1572.65	1617.83	1588.52
4:00	1713.06	1626.37	1575.09	1608.06	1649.57	1590.96	1595.85	1703.30
4:30	1743.59	1621.49	1652.01	1661.78	1666.67	1603.17	1815.63	1739.93
5:00	1821.73	1709.40	1650.79	1692.31	1669.11	1673.99	1808.30	1875.46
5:30	1852.26	1918.19	1837.61	1853.48	1838.83	1820.51	1985.35	1975.58
6:00	1984.13	2126.98	1968.25	1969.48	1992.67	1960.93	1918.19	2040.29
6:30	2148.96	2244.20	2278.39	2252.75	2236.87	2052.50	2051.28	2253.97
7:00	2197.80	2369.96	2338.22	2351.65	2339.44	2246.64	2163.61	2455.43
7:30	2344.32	2384.62	2482.30	2417.58	2457.88	2432.23	2444.44	2432.23
8:00	2384.62	2322.34	2431.01	2345.54	2426.13	2345.54	2479.85	2357.75
8:30	2376.07	2332.11	2328.45	2424.91	2456.65	2492.06	2363.86	2415.14
9:00	2384.62	2240.54	2335.78	2737.12	2421.25	2467.64	2308.91	2502.61
9:30	2268.62	2222.22	2291.82	2368.74	2311.36	2341.88	1318.68	2327.23
10:00	2246.64	2235.65	2302.81	2236.87	2371.18	2295.48	1168.50	2255.19
10:30	2101.34	2268.62	2200.24	2139.19	2311.36	1151.40	1148.96	2155.07
11:00	2098.78	2205.13	2230.77	2075.70	2212.45	1105.01	2186.81	2097.68
11:30	2036.63	2118.44	2177.05	1984.13	2125.76	1229.55	2192.92	2018.32
12:00	2054.95	2084.25	2175.82	2015.87	2151.40	1218.56	2280.83	2029.30
12:30	2087.91	2183.15	2097.68	2128.21	2156.29	1214.90	1159.95	2266.18
13:00	2079.37	2238.10	2059.83	2189.26	2169.72	1229.55	1090.35	2061.05
13:30	2212.45	2065.93	2041.51	2255.19	2197.80	1072.04	1114.77	2079.37
14:00	2194.14	2122.10	2024.42	2217.34	2197.80	1173.38	1173.38	2090.35
14:30	2194.14	2034.19	2012.21	2103.79	2150.18	1267.40	1119.66	1401.71
15:00	2137.97	2069.60	2002.44	2075.70	2072.04	1120.88	1126.98	1229.55
15:30	2109.89	2161.17	2096.46	2028.08	2054.95	1139.19	1224.66	1196.58
16:00	2114.65	2164.84	2207.57	2002.44	2046.40	1205.13	1210.01	1098.90
16:30	1997.56	2101.34	2199.02	1413.92	1968.25	1235.65	1288.16	1169.72
17:00	2030.53	2186.81	2212.45	1611.72	1957.27	1218.56	1272.28	2286.94
17:30	2040.00	2146.52	2218.56	2063.49	2081.81	1257.63	1211.23	2122.10
18:00	2050.00	2118.44	2189.26	2107.45	2308.91	2470.09	2212.45	2316.24
18:30	2057.39	2137.97	2219.78	2260.07	2308.91	2200.24	2268.68	2305.25
19:00	2131.87	2191.70	2255.19	2335.78	2352.87	1857.14	2439.56	2230.77
19:30	2194.14	2219.78	2250.31	2297.92	2295.48	1168.50	2229.55	1186.81
20:00	2070.82	2230.77	2286.94	2235.65	2161.17	1131.87	1175.82	1296.70
20:30	2039.07	2131.87	2161.17	2095.24	2039.07	1131.87	1120.88	1142.86
21:00	2003.66	2112.33	2131.87	2107.45	2021.98	1156.29	1098.90	1449.33
21:30	2008.00	2058.61	2084.25	2035.41	1998.78	1159.95	2052.50	1211.23
22:00	2012.00	2004.88	2034.19	2064.71	1985.35	1063.49	2067.16	2185.59
22:30	2018.32	2006.11	1947.50	1973.14	1930.40	1167.28	2131.87	2018.32
23:00	1916.97	1963.37	1985.35	1990.23	1914.53	2015.87	2108.67	1998.78
23:30	1914.53	1925.52	1925.52	1908.43	1947.50	1959.71	2109.89	2067.16
Avg	2038.23	2049.93	2047.29	2023.42	2062.60	1609.81	1698.79	1898.88
Max	2384.62	2384.62	2482.30	2737.12	2457.88	2492.06	2479.85	2502.61
Min	1693.53	1621.49	1575.09	1413.92	1558.00	1063.49	1090.35	1098.90

## Meter Readings of Water Towers

### Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	6/8/98 Mon	6/9/98 Tue	6/10/98 Wed	6/11/98 Thu	6/12/98 Fri	6/13/98 Sat	6/14/98 Sun	6/15/98 Mon
0:00	1851.04	1777.78	1797.31	1666.67	1760.68	1838.83	1731.38	1735.04
0:30	1737.48	1779.00	1742.37	1636.14	1728.94	1761.90	1654.46	1699.63
1:00	1741.15	1727.72	1743.59	1670.33	1663.00	1699.63	1681.32	1660.56
1:30	1672.77	1700.85	1680.10	1619.05	1639.80	1643.47	1545.79	1614.16
2:00	1642.25	1645.91	1639.80	1553.11	1594.63	1678.88	1584.86	1594.63
2:30	1617.83	1666.67	1615.38	1553.11	1571.43	1588.52	1601.95	1584.86
3:00	1583.64	1611.72	1606.84	1562.88	1581.20	1559.22	1650.79	1527.47
3:30	1565.32	1632.48	1566.54	1571.43	1568.99	1577.53	1600.73	1608.06
4:00	1565.32	1620.27	1534.80	1551.89	1559.22	1577.53	1547.01	1583.64
4:30	1572.65	1636.14	1621.49	1611.72	1617.83	1588.52	1498.17	1606.84
5:00	1670.33	1704.52	1688.64	1716.73	1694.75	1639.80	1584.86	1645.91
5:30	1808.30	1742.37	1821.73	1837.61	1797.31	1731.38	1661.78	1855.92
6:00	1892.55	1797.31	1947.50	2054.95	2059.83	1876.68	1826.62	1920.64
6:30	2168.50	1986.57	2228.33	2293.04	2059.83	2103.79	1951.16	2256.41
7:00	2415.14	2157.51	2310.13	2376.07	2412.70	2272.28	2107.45	2319.90
7:30	2382.17	2255.19	2406.59	2339.44	2362.64	2319.90	2327.23	2240.54
8:00	2357.75	2357.75	2344.32	2350.43	2374.85	2302.81	2323.57	2334.55
8:30	2310.13	2474.97	2401.71	2394.38	2417.58	2461.54	2332.11	2317.46
9:00	2313.80	2432.23	2395.60	2400.49	2455.43	2360.20	2327.23	2224.66
9:30	2212.45	2402.93	2316.24	2296.70	2357.75	2297.92	2317.46	2286.94
10:00	2255.19	2326.01	2139.19	2244.20	2389.50	2183.15	2285.71	2296.70
10:30	2273.50	2319.90	2125.76	2194.14	2305.25	2195.36	2317.46	2228.33
11:00	2185.59	2368.74	2075.70	2122.10	2197.80	2225.89	2321.12	2217.34
11:30	2120.88	2289.38	2053.72	2151.40	2131.87	2183.15	2213.68	2211.23
12:00	2034.19	2242.98	2051.28	2167.28	2180.71	2181.93	2189.26	2173.38
12:30	1990.00	2240.54	2015.87	2094.02	2188.03	2225.89	2125.76	2186.81
13:00	1954.82	2357.75	2029.30	2091.58	2222.22	2250.31	2207.57	2090.35
13:30	1985.35	2240.54	2047.62	2133.09	2191.70	2278.39	2289.38	2156.29
14:00	2020.76	2242.98	2070.82	2164.84	2195.36	2293.04	2333.33	2151.40
14:30	2125.76	2203.91	2054.95	2083.03	2168.50	2253.97	2152.63	2091.58
15:00	1997.56	2181.93	2035.41	2073.26	2142.86	2119.66	2097.68	2097.68
15:30	2020.00	2177.05	1973.14	2107.45	2076.92	2096.46	2034.19	2139.19
16:00	2070.00	2150.18	1918.19	2069.60	2054.95	2189.26	2032.97	1973.14
16:30	2097.68	2170.94	1919.41	2075.70	2090.00	2095.24	2039.07	1953.60
17:00	2032.97	2242.98	1985.35	2125.76	2113.55	2119.66	2107.45	1951.16
17:30	2230.77	2201.47	2107.45	2112.33	2183.15	2133.09	2085.47	2010.99
18:00	2186.81	2180.71	2157.51	2188.03	2236.87	2218.56	2112.33	2101.34
18:30	2280.83	2120.88	2126.98	2283.27	2183.15	2308.92	2151.40	2139.19
19:00	2170.94	2212.45	2152.63	2236.87	2264.96	2241.76	2128.21	2021.98
19:30	2131.87	2163.61	2076.92	2218.56	2236.87	2124.54	2094.02	2048.84
20:00	1984.13	2186.81	1951.16	2191.70	2157.51	1984.13	2039.07	1986.57
20:30	2020.76	2003.66	2009.77	2078.14	2142.86	1941.39	2059.83	1997.56
21:00	1993.90	1967.03	2006.11	2076.92	2070.82	1965.81	2018.32	1880.34
21:30	2131.87	2069.60	2042.74	1974.36	2091.58	1947.50	2030.53	1931.62
22:00	2118.44	2053.72	1967.03	2065.93	1996.34	1908.43	2006.11	1981.69
22:30	1980.46	2021.98	1943.83	2034.19	2003.66	1916.97	1942.61	1942.61
23:00	1967.03	1865.69	1937.73	1904.76	1935.29	1844.93	1789.99	1846.15
23:30	1894.99	1887.67	1770.45	1858.36	1819.29	1816.85	1731.38	1782.66
Avg	2007.03	2058.35	1982.40	2024.52	2046.87	2023.43	1995.68	1983.49
Max	2415.14	2474.97	2406.59	2400.49	2455.43	2461.54	2333.33	2334.55
Min	1565.32	1611.72	1534.80	1551.89	1559.22	1559.22	1498.17	1527.47

## Meter Readings of Water Towers

### Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	9/21/98 Mon	9/22/98 Tue	9/23/98 Wed	9/24/98 Thu	9/25/98 Fri	9/26/98 Sat	9/27/98 Sun	9/28/98 Mon
0:00		1703.30	1700.85	1687.42	1587.30		2094.02	1821.73
0:30		1768.01	1645.91	1620.27	1608.06		2021.98	1776.56
1:00		1742.37	1684.98	1620.27	1652.01		1981.69	1739.93
1:30		1725.27	1637.36	1620.27	1669.11		1913.31	1742.37
2:00		1719.17	1551.89	1633.70	1658.12		1930.40	1663.00
2:30		1664.22	1551.89	1534.80	1658.12		1863.25	1614.16
3:00		1625.15	1536.02	1589.74	1688.64		1794.87	1617.83
3:30		1578.75	1550.67	1516.48	1688.64		1728.94	1617.83
4:00		1636.14	1550.67	1528.69	1605.62		1768.01	1617.83
4:30		1673.99	1578.75	1527.47	1565.32		1682.54	1606.84
5:00		1684.98	1578.75	1536.02	1582.42		1721.61	1688.64
5:30		1840.05	1550.67	1536.02	1650.79		1711.84	1802.20
6:00		1968.25	1809.52	1536.02	1826.62		1785.10	1887.67
6:30		2152.63	1973.14	1791.21	2229.55		1809.52	2162.39
7:00		2352.87	2339.44	1908.43	2302.81		2177.05	2213.68
7:30		2421.25	2326.01	2327.23	2413.92		2341.88	2211.23
8:00		2457.88	2278.39	2327.23	2393.16		2487.18	2253.97
8:30		2311.36	2329.67	2427.35	2262.52		2443.22	2329.67
9:00		2295.48	2290.60	2362.64	2283.27		2443.22	2402.93
9:30		2266.18	2284.49	2283.27	2283.27		2512.82	2382.17
10:00		2225.89	2278.39	2256.41	2283.27		2482.30	2285.71
10:30		2230.77	2140.42	2238.10	2265.00		2443.22	2242.98
11:00		2207.57	2075.70	2238.10	2262.00		2466.42	2140.42
11:30		2167.28	2094.02	2252.75	2160.00		2256.41	2157.51
12:00		2009.77	2023.00	2201.47	2101.34		2250.31	2164.84
12:30		1991.45	2002.00	2201.47	2075.70		2180.71	2173.38
13:00		2036.63	1993.90	2173.38	2231.99		2277.17	2145.30
13:30		2017.09	1993.90	2140.42	2231.99		2252.75	2076.92
14:00		1968.25	1993.90	2169.72	2250.31		2315.02	2069.60
14:30		2006.11	1993.90	2225.89	2250.31		2271.06	2059.83
15:00		2085.47	1993.90	2109.89	2023.20		2228.33	2112.33
15:30		1990.23	2040.29	2064.71	2023.20		2148.96	2070.82
16:00		1957.27	1925.52	2081.81	1963.37		2095.24	2102.56
16:30		1990.00	1969.48	2081.81	1963.37		2142.86	2094.02
17:00		2040.29	2085.47	2139.19	1974.36		2126.98	2061.05
17:30		2017.09	2089.13	2139.19	1979.24		2191.70	2015.87
18:00		2035.41	2134.31	2139.19	2158.73		2201.47	2030.53
18:30		2045.18	2130.65	2096.46	2173.38		2210.01	2152.63
19:00		2069.60	2130.65	2083.03	2286.94		2130.65	2134.31
19:30		2137.97	2090.35	2101.34	2089.13		2059.83	2065.93
20:00		2140.42	2047.62	2095.24	2045.18		2125.76	2017.09
20:30		2009.77	2010.99	2095.24	2035.41		2095.24	1937.73
21:00		2009.77	1996.34	2144.08	1923.08		2029.30	1990.23
21:30		2009.77	2014.65	2144.08	1932.85		2034.19	2018.32
22:00		1960.93	2081.81	1920.64	1926.74		1979.24	2030.53
22:30		2021.98	1986.57	1893.77	1961.00		1957.27	1949.94
23:00		2015.87	1914.53	1758.24	1973.14		1987.79	1865.69
23:30		1899.88	1832.72	1643.47	1847.38		1938.95	1684.98
Avg		1997.60	1954.45	1973.83	2000.02		2106.07	2000.08
Max		2457.88	2339.44	2427.35	2413.92		2512.82	2402.93
Min		1578.75	1536.02	1516.48	1565.32		1682.54	1606.84



## Meter Readings of Water Towers

### Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	12/14/98 Mon	12/15/98 Tue	12/16/98 Wed	12/17/98 Thu	12/18/98 Fri	12/19/98 Sat	12/20/98 Sun	12/21/98 Mon
0:00	1747.25	1753.36	1570.21	2014.65	1819.29	1851.04	1766.79	1835.16
0:30	1614.16	1730.16	1614.16	1852.26	1755.80	1865.69	1673.99	1736.26
1:00	1587.30	1682.54	1636.14	1838.83	1816.85	1766.79	1639.80	1706.96
1:30	1547.01	1605.62	1623.93	1759.46	1644.69	1688.64	1631.26	1675.21
2:00	1565.32	1623.93	1621.49	1688.64	1627.59	1529.91	1558.00	1636.14
2:30	1533.58	1599.51	1584.86	1652.01	1589.74	1558.00	1638.58	1554.33
3:00	1510.38	1565.32	1575.09	1650.79	1630.04	1517.70	1727.72	1597.07
3:30	1581.20	1562.88	1551.89	1615.38	1568.99	1492.06	1655.68	1584.86
4:00	1584.86	1601.95	1522.59	1611.72	1583.64	1489.62	1680.10	1564.10
4:30	1642.25	1553.11	1536.02	1643.47	1636.14	1498.17	1676.43	1648.35
5:00	1694.75	1660.56	1571.43	1620.27	1644.69	1510.38	1664.22	1645.91
5:30	1731.38	1676.43	1774.11	1728.94	1721.61	1644.69	1748.47	1733.82
6:00	1846.15	1832.72	1869.35	1882.78	1857.14		1786.32	1843.71
6:30	2032.97	2091.58	2076.92	2097.68	2051.28		1908.43	1733.82
7:00	2223.44	2200.24	2285.71	2264.96	2284.49		1962.15	2181.93
7:30	2319.90	2328.45	2390.72	2332.11	2374.85		2236.87	2365.08
8:00	2333.33	2387.06	2374.85	2443.22	2345.54		2332.11	2333.33
8:30	2409.04	2327.23	2423.69	2402.93	2433.46		2424.91	2372.41
9:00	2448.11	2423.69	2445.67	2316.24	2511.60		2443.22	2412.70
9:30	2307.69	2421.25	2371.18	2189.26	2396.83		2522.59	2443.22
10:00	2315.02	2358.97	2285.71	2140.42	2328.45		2451.77	2329.67
10:30	2317.46	2284.49	2621.12	2136.75	2293.04		2346.76	2266.18
11:00	2264.96	2174.60	2224.66	2107.45	2279.61	2461.54	2358.97	2350.43
11:30	2253.97	2177.05	2124.54	2058.61	2244.20	2492.06	2374.85	2311.36
12:00	2188.03	2210.01	2089.13	1565.32	2278.39	2511.60	2255.19	2290.00
12:30	2179.49	2180.71	2173.38	1954.82	2277.17	2463.98	2273.50	2167.28
13:00	2266.18	2181.93	2235.65	2079.37	2289.38	2374.85	2387.06	2139.19
13:30	2274.73	2173.38	2235.65	2046.40	2274.73	2401.71	2333.33	2278.39
14:00	2250.31	2212.45	2210.01	2072.04	2234.43	2401.71	2341.88	2271.06
14:30	2211.23	2156.29	2238.10	2109.89	2150.18	2407.81	2347.99	2224.66
15:00	2234.43	2057.39	2189.26	1998.78	2213.68	2444.44	2285.71	2268.62
15:30	2164.84	2079.37	2087.91	2199.02	2054.95	2311.36	2231.99	2217.34
16:00	2130.64	2046.40	2073.26	2139.19	2102.56	2203.91	2174.60	2148.96
16:30	2173.38	2072.04	2096.46	2277.17	2131.87	2197.80	2140.42	2131.87
17:00	2090.35	2109.89	2137.97	2247.86	2167.28	2210.01	2114.77	2108.67
17:30	2183.15	1998.78	2205.13	2090.35	2200.24	2291.82	2268.62	2173.38
18:00	2122.10	2083.03	2146.52	2168.50	2247.86	2203.91	2249.08	2203.91
18:30	2168.50	2057.39	2170.94	2029.30	2203.91	2235.65	2274.73	2240.54
19:00	2119.66	2046.40	2200.24	2042.74	2206.35	2299.15	2223.44	2174.60
19:30	2015.87	1986.57	2096.46	2167.28	2107.45	2164.84	2137.97	2183.15
20:00	2002.44	1981.69	2087.91	2126.98	1974.36	2186.81	2112.33	2140.42
20:30	2106.23	1945.06	1979.24	2175.82	1870.57	2152.63	2070.82	2054.95
21:00	2084.25	1979.24	2039.07	2145.30	1241.76	2046.40	2070.82	2023.20
21:30	2053.72	1992.67	1960.93	2134.31	1411.48	2048.84	2089.13	2058.61
22:00	2023.20	1877.90	1980.46	2116.00	1255.19	2039.07	2040.29	2114.77
22:30	1998.78	1837.61	1996.34	1975.58	1410.26	1987.79	1990.23	1975.58
23:00	1938.95	1724.05	2058.61	1947.50	2017.09	1973.14	2003.66	1905.98
23:30	1825.40	1619.05	1945.06	1862.03	1882.78	1840.05	1877.90	1780.22
Avg	2025.36	1984.00	2021.04	2015.01	1992.57	2046.46	2073.03	2044.53
Max	2448.11	2423.69	2445.67	2443.22	2511.60	2511.60	2522.59	2443.22
Min	1510.38	1553.11	1522.59	1565.32	1241.76	1489.62	1558.00	1554.33

## Meter Readings of Water Towers

### Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	3/8/99 Mon	3/9/99 Tue	3/10/99 Wed	3/11/99 Thu	3/12/99 Fri	3/13/99 Sat	3/14/99 Sun	3/15/99 Mon
0:00	1888.89	1571.43	1849.82	1808.30	1829.06	1829.06	1835.16	1926.74
0:30	1835.16	1388.28	1711.84	1755.80	1733.82	1719.17	1832.72	1987.79
1:00	1760.68	1452.99	1639.80	1747.25	1715.51	1676.43	1815.63	1880.34
1:30	1597.07	1608.06	1638.58	1703.30	1719.17	1699.63	1758.24	1849.82
2:00	1600.73	1547.01	1572.65	1588.52	1650.79	1693.53	1746.03	1815.63
2:30	1559.22	1631.26	1582.42	1600.73	1630.04	1721.61	1609.28	1802.20
3:00	1548.23	1600.73	1564.10	1590.96	1605.62	1661.78	1551.89	1686.20
3:30	1645.91	1538.46	1564.10	1590.96	1589.74	1621.49	1533.58	1664.22
4:00	1548.23	1532.36	1559.22	1590.96	1644.69	1597.07	1499.39	1703.30
4:30	1599.51	1545.79	1611.72	1625.15	1644.69	1595.85	1516.48	1660.56
5:00	1697.19	1566.54	1722.83	1755.80	1742.37	1615.38	1498.17	1759.46
5:30	1949.94	1741.15	1804.64	1849.82	1821.73	1782.66	1631.26	1926.74
6:00	2051.28	1919.41	1912.09	1967.03	2076.92	1920.64	1758.24	2012.21
6:30	2218.56	2199.02	2145.30	2247.86	2151.40	2047.62	1914.53	2230.77
7:00	2284.49	2371.18	2247.86	2435.90	2411.48	2268.62	2167.28	2433.46
7:30	2277.17	2420.02	2358.97	2393.16	2356.53	2394.38	2271.06	2406.59
8:00	2328.45	2304.03	2393.16	2362.64	2339.44	2420.00	2304.03	2455.43
8:30	2311.36	2289.38	2429.79	2401.71	2358.97	2443.22	2450.55	2390.72
9:00	2250.31	2267.40	2327.23	2366.30	2377.29	2470.09	2315.02	2437.12
9:30	2137.97	2261.29	2279.61	2411.48	2372.41	2461.54	2262.52	2316.24
10:00	2152.63	2249.08	2372.41	2300.00	2344.32	2378.51	2300.00	2319.90
10:30	2205.13	2097.68	2317.46	2261.29	2301.59	2432.23	2412.70	2311.36
11:00	2186.81	2118.44	2256.41	2203.91	2278.39	2377.29	2140.42	2305.25
11:30	2042.14	2145.30	2192.92	2211.23	2162.39	2319.90	2238.10	2316.24
12:00	2084.25	2144.08	2144.08	2146.52	2274.73	2321.12	2267.40	2216.12
12:30	2108.67	2192.92	2139.19	2199.02	2247.86	2365.08	2291.82	2267.40
13:00	2210.01	2140.42	2206.35	2102.56	2168.50	2304.03	2235.65	2240.54
13:30	2155.07	2157.51	2238.10	2097.68	2174.60	2338.22	2262.52	2291.82
14:00	2278.39	2206.35	2136.75	2136.75	2231.99	2308.91	2230.77	2207.57
14:30	2083.03	2192.92	2046.40	2175.82	2260.07	2250.31	2200.24	2299.15
15:00	2054.95	2267.40	2063.49	2163.61	2231.99	2291.82	2152.63	2321.12
15:30	2118.44	2156.29	2085.47	2119.66	2211.23	2162.39	2170.94	2201.47
16:00	2162.39	2084.25	2075.26	2070.82	2181.93	2150.18	2113.55	2216.12
16:30	2114.77	2040.29	2106.23	2120.88	2158.73	2189.26	2134.31	2142.86
17:00	2102.56	2076.92	2148.96	2170.94	2162.39	2179.49	2163.61	2218.56
17:30	2228.33	2161.17	2219.78	2241.76	2186.81	2100.00	2162.39	2274.73
18:00	2267.40	2183.15	2180.71	2195.36	2313.80	2047.62	1216.12	2224.66
18:30	2217.34	2213.68	2200.24	2179.49	2302.81	2173.38	1156.29	2076.92
19:00	2188.03	2247.86	2169.72	2201.47	2211.23	2200.24	1153.85	1153.85
19:30	2097.68	2264.96	2175.82	2197.80	2151.40	2207.57	1125.76	1169.72
20:00	2047.62	2213.68	2150.18	2124.54	2119.66	2136.75	1217.34	1185.59
20:30	2047.62	2083.03	2103.79	2134.31	2070.82	2000.01	1151.40	1985.35
21:00	2014.65	1960.93	2128.21	2065.93	2058.61	1919.41	1139.19	2009.77
21:30	1953.60	2076.92	2084.25	2018.32	2036.63	1954.82	1233.21	2130.65
22:00	1971.92	2061.05	2095.24	2173.38	1987.79	1719.17	1155.07	2048.84
22:30	1831.50	2042.74	2064.71	2094.02	1887.67	1233.21	1163.61	2014.65
23:00	1855.92	1931.62	1884.01	1980.46	1870.57	1411.48	1980.46	1912.09
23:30	1700.85	1898.66	1865.69	1893.77	1874.24	1468.86	1938.95	1843.71
Avg	2011.92	2007.61	2036.82	2057.81	2067.38	2032.94	1841.24	2046.91
Max	2328.45	2420.02	2429.79	2435.90	2411.48	2470.09	2450.55	2455.43
Min	1548.23	1388.28	1559.22	1588.52	1589.74	1233.21	1125.76	1153.85

## Meter Readings of Water Towers

### Dehiwala Water Tower - Instant Flow in m3/hr

Date Day Time	6/14/99 Mon	6/15/99 Tue	6/16/99 Wed	6/17/99 Thu	6/18/99 Fri	6/19/99 Sat	6/20/99 Sun	6/21/99 Mon
0:00	1771.67	1813.19	1704.52	1749.69	1792.43	1810.74	1780.22	1816.85
0:30	1746.03	1776.56	1688.64	1748.47	1735.04	1719.17	1792.43	1747.25
1:00	1711.84	1730.16	1663.02	1639.80	1693.53	1759.46	1753.36	1678.88
1:30	1619.05	1703.30	1644.69	1630.04	1617.83	1678.88	1676.43	1692.31
2:00	1597.07	1642.25	1648.35	1594.63	1649.57	1631.26	1600.73	1600.73
2:30	1575.09	1682.54	1612.94	1611.72	1570.21	1606.84	1648.35	1654.46
3:00	1528.69	1650.79	1648.35	1637.36	1553.11	1581.20	1654.46	1605.62
3:30	1516.48	1650.79	1587.30	1606.84	1588.52	1612.94	1582.42	1644.69
4:00	1551.89	1600.73	1606.84	1631.26	1566.54	1611.72	1615.38	1605.62
4:30	1621.49	1605.62	1638.58	1632.48	1614.16	1593.41	1620.27	1669.11
5:00	1642.25	1669.11	1664.22	1737.48	1676.43	1632.48	1627.59	1636.14
5:30	1786.32	1859.58	1841.27	1797.31	1843.71	1777.78	1628.54	1831.50
6:00	2009.77	2174.60	2146.52	2065.93	1965.81	1855.92	1760.68	1905.98
6:30	2261.29	2302.81	2307.69	2268.62	2267.40	2058.61	2015.87	2200.24
7:00	2366.30	2393.16	2435.90	2369.96	2396.83	2253.97	2155.07	2332.11
7:30	2376.07	2450.55	2435.90	2387.06	2405.37	2335.78	2344.32	2365.08
8:00	2363.86	2426.13	2484.74	2427.35	2461.54	2400.49	2362.64	2352.87
8:30	2405.37	2420.02	2467.64	2322.34	2412.70	2478.63	2407.81	2415.14
9:00	2412.70	2412.70	2467.64	2409.04	2448.11	2523.81	2490.84	2341.88
9:30	2299.15	2351.65	2327.23	2384.62	2321.12	2389.50	2420.02	2340.66
10:00	2247.86	2358.97	2321.12	2369.86	2362.64	2376.07	2438.34	2284.49
10:30	2301.59	2249.08	2293.04	2285.74	2297.92	2387.06	2395.60	2195.36
11:00	2200.24	2195.36	2246.64	2212.45	2224.66	2354.09	2327.23	2183.15
11:30	2190.00	2194.14	2211.23	2186.81	2264.96	2279.61	2405.37	2175.82
12:00	2183.15	2150.18	2189.26	2151.40	2236.87	2291.82	2323.57	2119.66
12:30	2205.13	2145.30	2199.02	2194.14	2258.85	2339.44	2326.01	2177.05
13:00	2235.65	2146.84	2192.92	2192.92	2249.08	2341.88	2354.09	2207.57
13:30	2234.43	2229.55	2150.18	2186.81	2175.82	2283.27	2285.71	2201.47
14:00	2203.91	2201.47	2236.87	2183.15	2125.76	2334.55	2293.04	2285.71
14:30	2174.60	2109.89	2122.10	2134.31	2192.92	2255.19	2283.27	2120.88
15:00	2163.61	2161.17	2131.87	2102.56	2133.09	2188.03	2262.52	2217.34
15:30	1987.79	2126.98	2216.12	2156.29	2112.33	2122.10	2260.07	2173.38
16:00	1980.46	2133.09	2087.91	2157.00	2134.31	2246.64	2167.28	2067.16
16:30	1929.18	2139.19	2152.63	2157.51	2228.33	2192.92	2175.82	2095.24
17:00	1967.03	2186.81	2168.50	2177.05	2145.30	2162.39	2173.38	2156.29
17:30	1931.62	2137.97	2157.51	2185.59	2234.43	2181.93	2255.19	2195.36
18:00	1969.48	2235.65	2170.94	2279.61	2246.64	2279.61	2192.92	2192.92
18:30	1979.24	2225.89	2230.77	2183.15	2179.49	2223.44	2266.18	2252.75
19:00	1978.03	2223.44	2246.64	2238.10	2247.86	2240.54	2264.96	2246.64
19:30	2046.40	2207.57	2203.91	2100.12	2230.77	2194.14	2170.94	2136.75
20:00	1880.34	2054.95	2151.40	2157.51	2150.18	2146.52	2217.34	2131.87
20:30	1875.46	2095.24	2057.39	2128.21	2109.89	2146.52	2101.34	2107.45
21:00	1882.78	2102.56	2109.89	2070.82	2097.68	2146.52	2054.95	2079.37
21:30	1919.41	2150.18	2122.10	2070.82	2109.89	2083.03	2058.61	2128.21
22:00	1875.46	2087.91	2116.02	2029.30	2145.30	2125.76	2045.18	2106.23
22:30	1826.62	2015.87	2046.40	2048.84	1956.04	2026.86	1990.25	2048.84
23:00	1709.40	1986.57	1943.83	1941.39	1967.03	1960.93	1986.57	1990.23
23:30	1855.92	1890.11	1910.87	1832.72	1884.01	1863.25	1905.98	1851.04
Avg	1981.19	2072.05	2071.02	2057.50	2068.38	2085.14	2081.65	2053.44
Max	2412.70	2450.55	2484.74	2427.35	2461.54	2523.81	2490.84	2415.14
Min	1516.48	1600.73	1587.30	1594.63	1553.11	1581.20	1582.42	1600.73

## Flow Data on Rainy Days

Date : 5/9/98      Rainfall: 90 mm  
 Date : 10/12/98      Rainfall: 90 mm

Date	Time	Kaduwela		Kolonnawa		Dahiwala	
		Hourly Flow	Daily Average	Hourly Flow	Daily Average	Hourly Flow	Daily Average
5/9/98	0:00	8.05		383.88		1819.29	
	0:30	8.95		344.56		1761.90	
	1:00	8.95		342.36		1761.90	
	1:30	5.86		321.85		1727.72	
	2:00	5.86		321.85		1680.10	
	2:30	5.86		336.02		1621.49	
	3:00	6.59		349.69		1642.25	
	3:30	6.95		342.61		1595.85	
	4:00	7.69		347.00		1612.94	
	4:30	7.32		348.25		1615.38	
	5:00	7.69		338.95		1710.62	
	5:30	11.35		398.53		1815.63	
	6:00	11.72		428.37		1936.51	
	6:30	15.75		451.77		1967.03	
	7:00	23.80		538.75		2194.14	
	7:30	33.69		589.25		2283.27	
	8:00	27.10		597.31		2305.25	
	8:30	28.00		586.81		2304.03	
	9:00	24.54		587.54		2348.76	
	9:30	24.54		663.73		2357.75	
	10:00	24.17		653.72		2396.83	
	10:30	24.17		653.72		2304.03	
	11:00	26.00		620.75		2133.09	
11:30	17.21		598.29		2103.79		
12:00	19.04		583.88		2119.66		
12:30	14.65		566.54		2107.45		
13:00	16.11		554.82		1980.46		
13:30	14.65		514.04		1965.81		
14:00	12.08		538.70		1931.62		
14:30	16.48		513.30		1876.68		
15:00	14.28		520.87		1868.13		
15:30	11.72		495.23		1816.85		
16:00	14.65		507.20		1902.32		
16:30	13.55		500.12		1920.64		
17:00	20.51		507.44		1913.31		
17:30	17.21		461.78		1937.73		
18:00	21.24		501.09		1968.25		
18:30	17.58		526.74		2064.71		
19:00	20.87		514.77		2035.41		
19:30	22.34		509.40		1998.78		
20:00	16.11		464.46		1901.10		
20:30	11.72		463.24		1877.90		
21:00	15.01		438.82		1833.94		
21:30	14.65		447.13		1947.50		
22:00	12.08		458.36		1925.52		
22:30	11.72		440.29		1857.14		
23:00	10.62		426.37		1771.67		
23:30	9.15	15.29	391.45	478.91	1776.56	1943.68	
10/12/98	0:00	5.86		384.12		1730.16	
	0:30	6.22		384.12		1710.62	
	1:00	4.76		384.12		1710.62	
	1:30	4.76		344.32		1710.62	
	2:00	4.76		344.32		1606.84	
	2:30	6.22		344.32		1527.47	
	3:00	4.39		344.32		1527.47	
	3:30	5.49		329.18		1527.47	
	4:00	5.86		327.22		1503.05	
	4:30	5.86		326.25		1593.41	
	5:00	5.49		326.25		1645.91	
	5:30	9.52		335.04		1645.91	
	6:00	16.48		488.88		1645.91	
	6:30	16.48		488.88		1645.91	
	7:00	28.20		599.51		2134.31	
	7:30	36.99		638.58		2307.69	
	8:00	31.50		601.95		2341.88	
	8:30	30.76		629.06		2252.75	
	9:00	24.90		570.45		2252.75	
	9:30	17.94		573.13		2252.75	
	10:00	18.68		573.13		2252.75	
	10:30	20.87		587.54		2252.75	
	11:00	25.64		594.62		2252.75	
11:30	24.17		594.62		2114.77		
12:00	17.21		594.62		2064.71		
12:30	25.64		563.37		2094.02		
13:00	25.64		563.37		2072.04		
13:30	26.00		563.37		2072.04		
14:00	28.57		587.54		2122.10		
14:30	33.69		590.47		2122.10		
15:00	33.69		558.73		2010.99		
15:30	26.73		558.24		2010.99		
16:00	31.13		558.24		2010.99		
16:30	21.24		558.24		2010.99		
17:00	28.57		546.52		2010.99		
17:30	29.67		469.35		2030.53		
18:00	37.72		486.20		2030.53		
18:30	37.72		486.20		1991.45		
19:00	30.76		461.05		2051.28		
19:30	24.17		445.91		1960.93		
20:00	25.64		464.71		1960.93		
20:30	21.97		462.02		1960.93		
21:00	27.83		481.07		1960.93		
21:30	21.24		468.86		1960.93		
22:00	22.34		468.86		1985.35		
22:30	19.41		466.42		1985.35		
23:00	19.41		453.23		1985.35		
23:30	19.41	20.78	453.23	487.99	1985.35	1949.97	

Flow Data on Rainy Days

Date : 5 /9 /98      Rainfall: 90 mm  
 Date : 10/12/98      Rainfall: 90 mm

Church Hill Reservoir

Date	Time	Hourly Flow m3/hr	Daily Average m3/hr	Date	Time	Hourly Flow m3/hr	Daily Average m3/hr
5/9/98	0:00	1779.73	2222.938611	10/12/98	0:00	1820.39	2333.888194
	0:20	1758.24					
	0:40	1837.36					
	1:00	2189.99					
	1:20	1817.83					
	1:40	1920.39					
	2:00	1784.38					
	2:20	1730.89					
	2:40	1726.01					
	3:00	1724.05					
	3:20	1685.73					
	3:40	1683.03					
	4:00	1716.24					
	4:20	1783.13					
	4:40	1810.01					
	5:00	1871.55					
	5:20	2331.62					
	5:40	2013.19					
	6:00	2482.80					
	6:20	2262.27					
	6:40	2385.35					
	7:00	2453.72					
	7:20	2407.81					
	7:40	2468.42					
	8:00	2600.24					
	8:20	2606.11					
	8:40	2581.69					
	9:00	2560.20					
	9:20	2485.98					
	9:40	2482.05					
	10:00	2649.08					
	10:20	2913.80					
	10:40	2954.82					
	11:00	2772.16					
	11:20	2568.99					
	11:40	2742.88					
	12:00	2344.32					
	12:20	2390.23					
	12:40	2414.65					
	13:00	2364.84					
	13:20	2293.46					
	13:40	2256.41					
	14:00	2246.84					
	14:20	2282.78					
	14:40	2209.52					
	15:00	2350.00					
	15:20	2547.50					
	15:40	2312.09					
16:00	2239.80						
16:20	2231.99						
16:40	2204.64						
17:00	2238.83						
17:20	2296.46						
17:40	2238.83						
18:00	2361.90						
18:20	2390.23						
18:40	2329.67						
19:00	2700.85						
19:20	2204.84						
19:40	2188.03						
20:00	2144.08						
20:20	2116.73						
20:40	2042.49						
21:00	1982.91						
21:20	2015.14						
21:40	1978.02						
22:00	2010.26						
22:20	1918.48						
22:40	2331.62						
23:00	2262.27						
23:20	2273.02						
23:40	1787.55						

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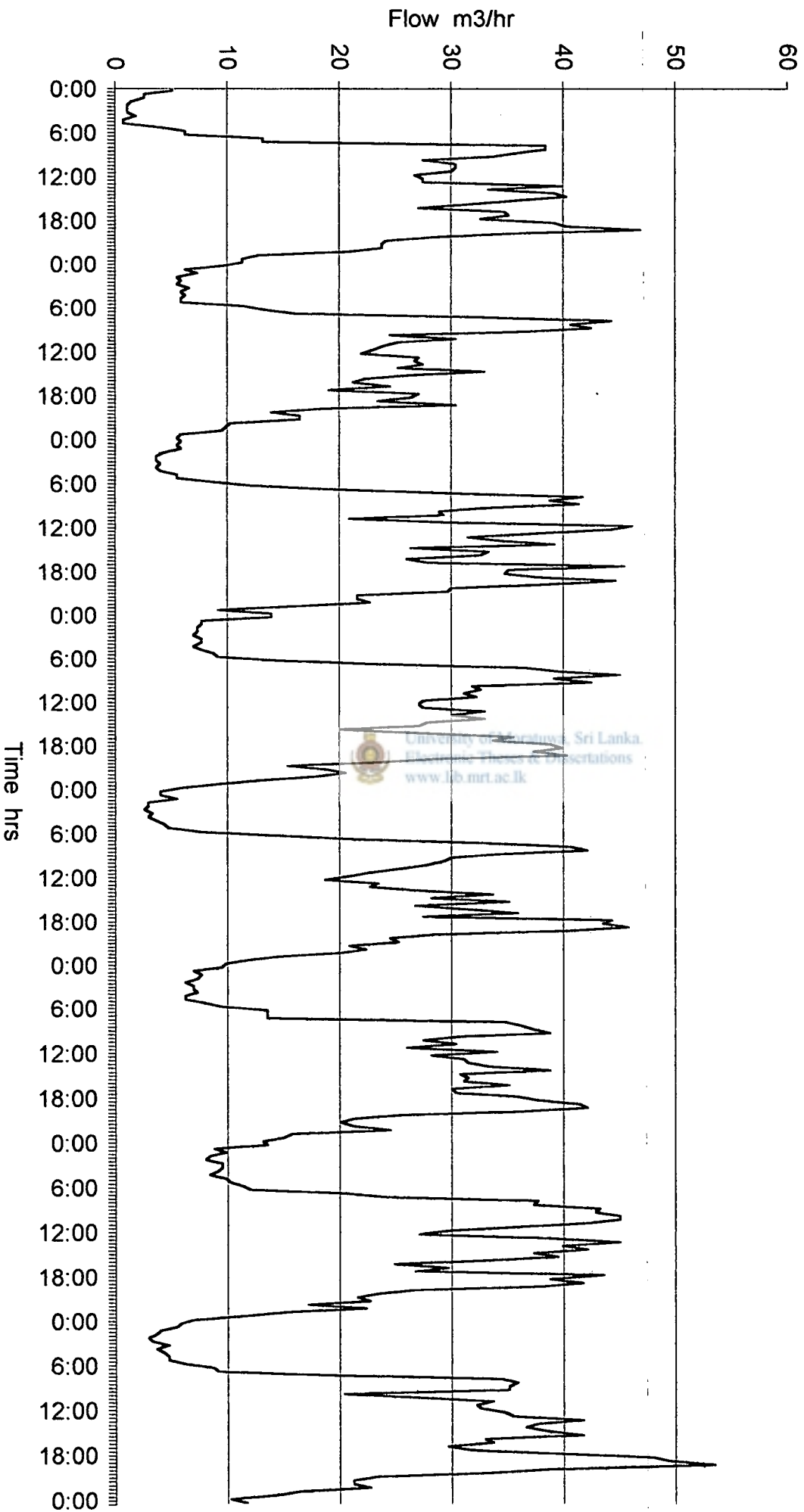
## **ANNEX B - GRAPHICAL PRESENTATION OF FLOW DATA**

<b>ANNEX B1</b>	-	Kaduwela Water Tower, Sep 98 – Jun	4 pages
<b>ANNEX B2</b>	-	Pannipitiya Water Tower, Jun 98 – Jun 99	5 pages
<b>ANNEX B3</b>	-	Kolonnawa Tater Tower, Dec 97 – Jun 99	7 pages
<b>ANNEX B4</b>	-	Church Hill Reservoir, Dec 97 – Jun 99	7 pages
<b>ANNEX B5</b>	-	Dehiwala Water Tower, Dec 97 – Jun 99	7 pages



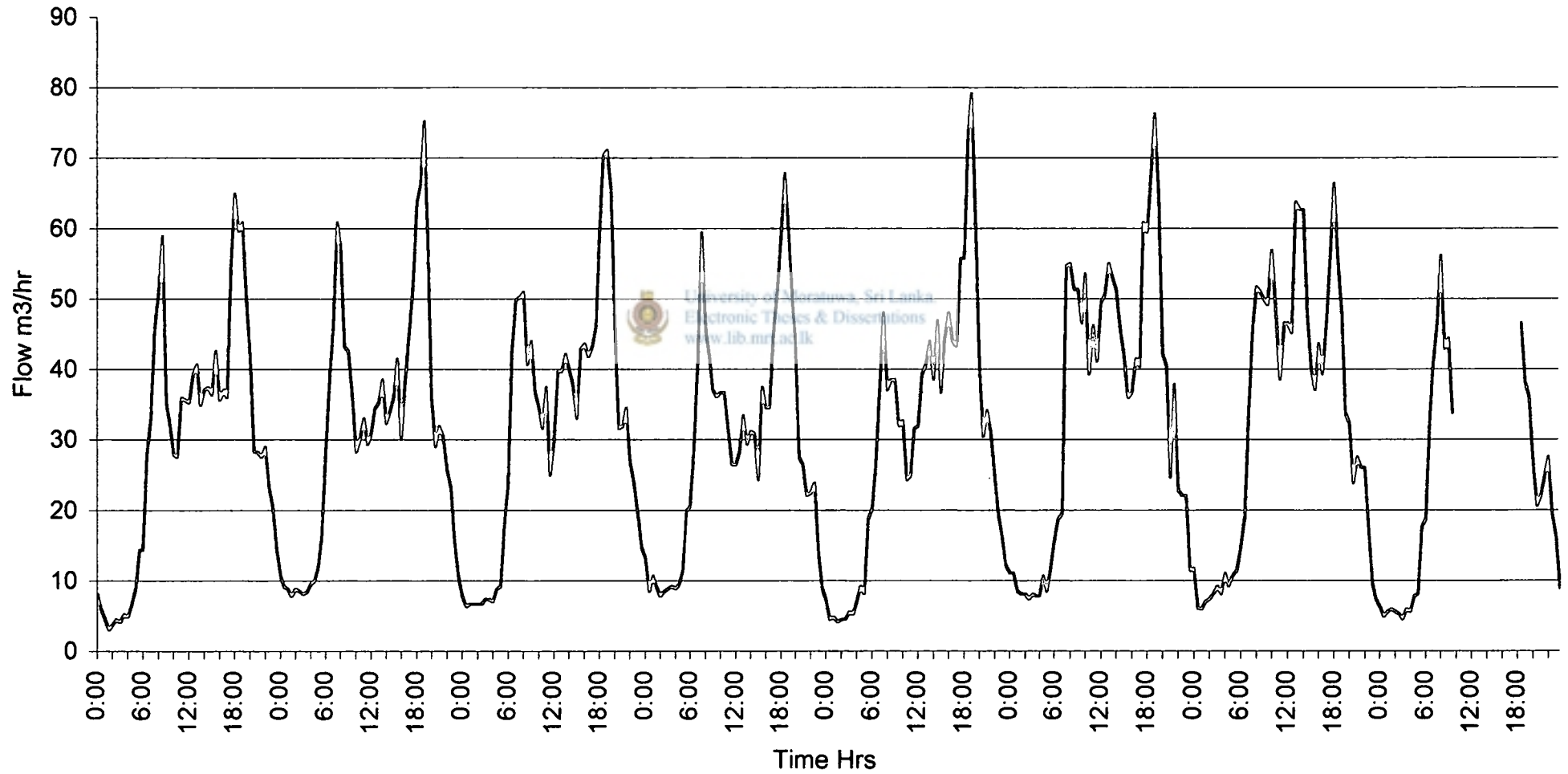


**Kaduwela Water Tower**  
Outflow Data from 14/12/98 (Mon) to 21/12/98 (Mon)



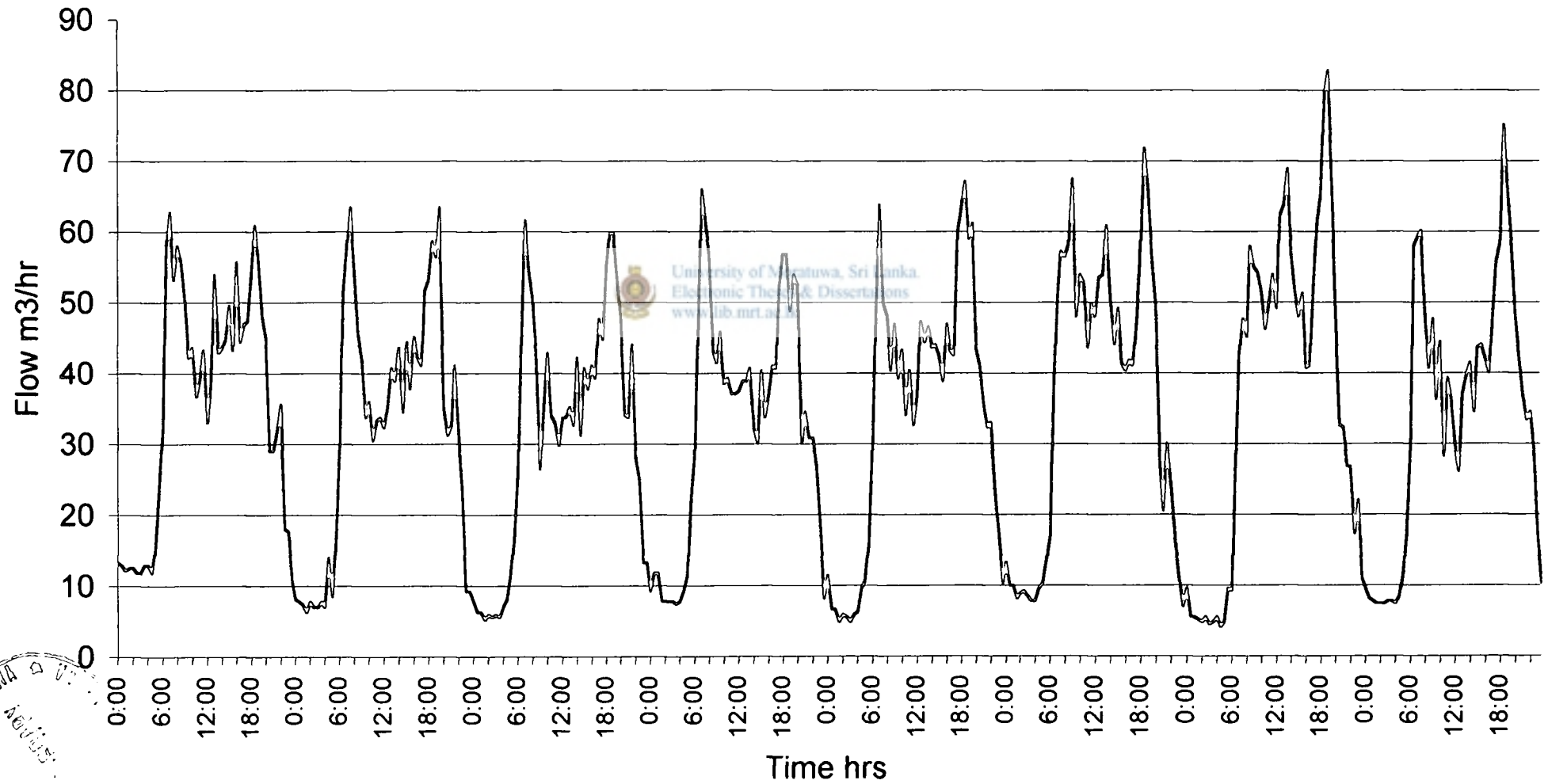


**Kaduwela Water Tower**  
Hourly Flow Variation from 08/03/99 (Mon) - 15/03/99 (Mon)



# Kaduwela Water Tower

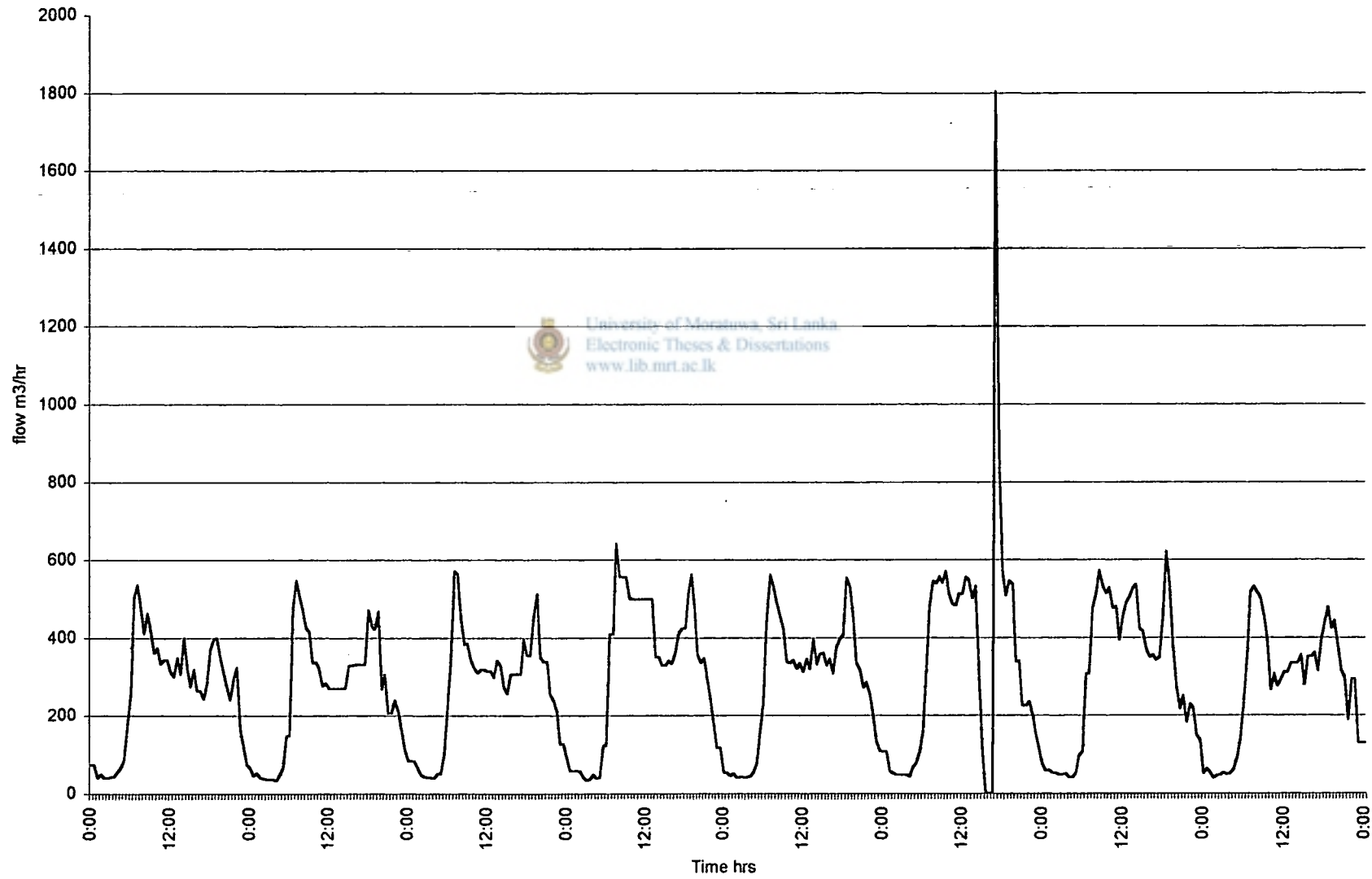
Hourly Flow Variation from 14/06/99 (Mon) - 21/06/99 (Mon)



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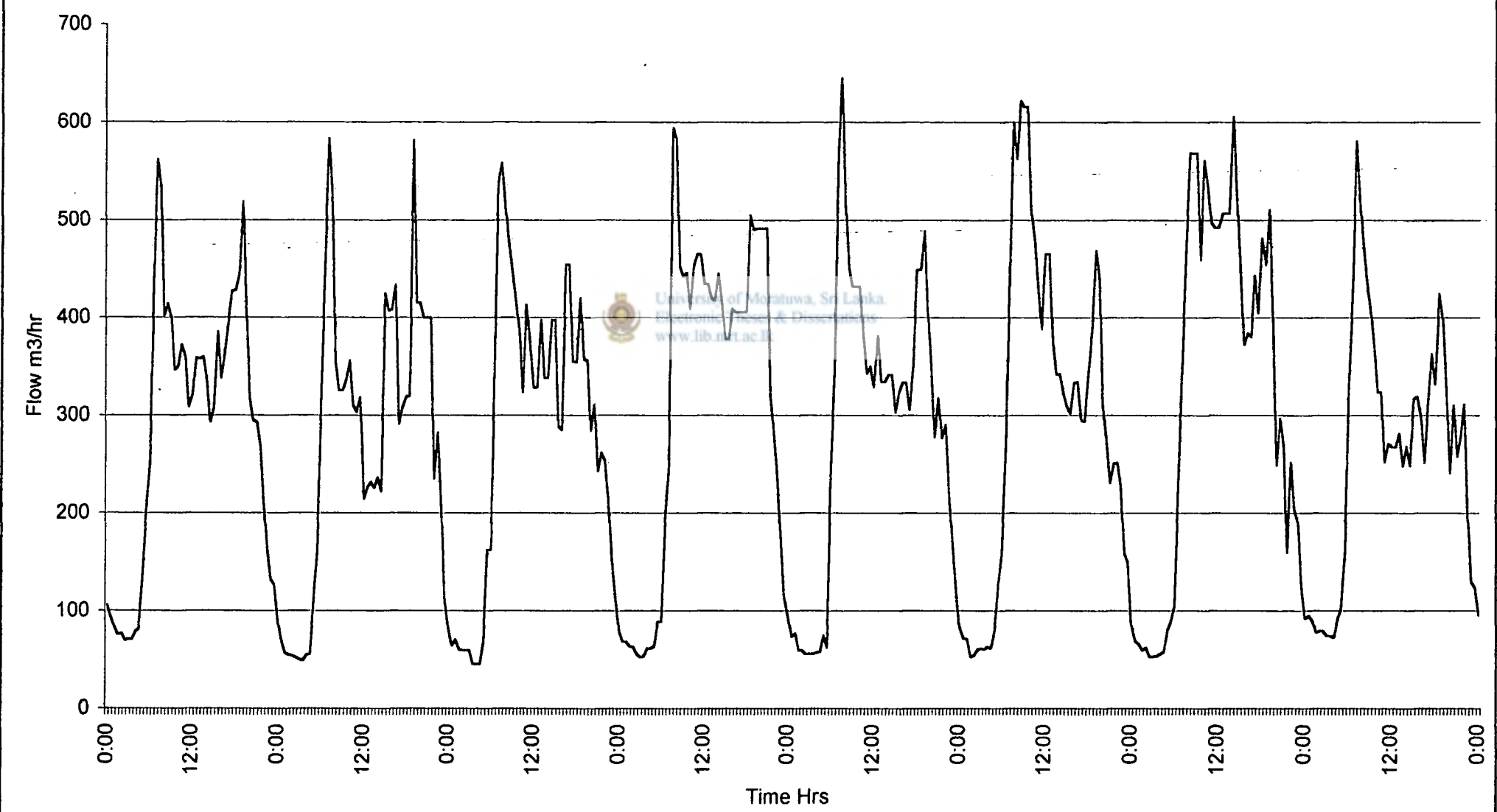


Pannipitiya Water Tower  
Outflow data from 08/06/98 (Mon) to 15/06/98 (Mon)



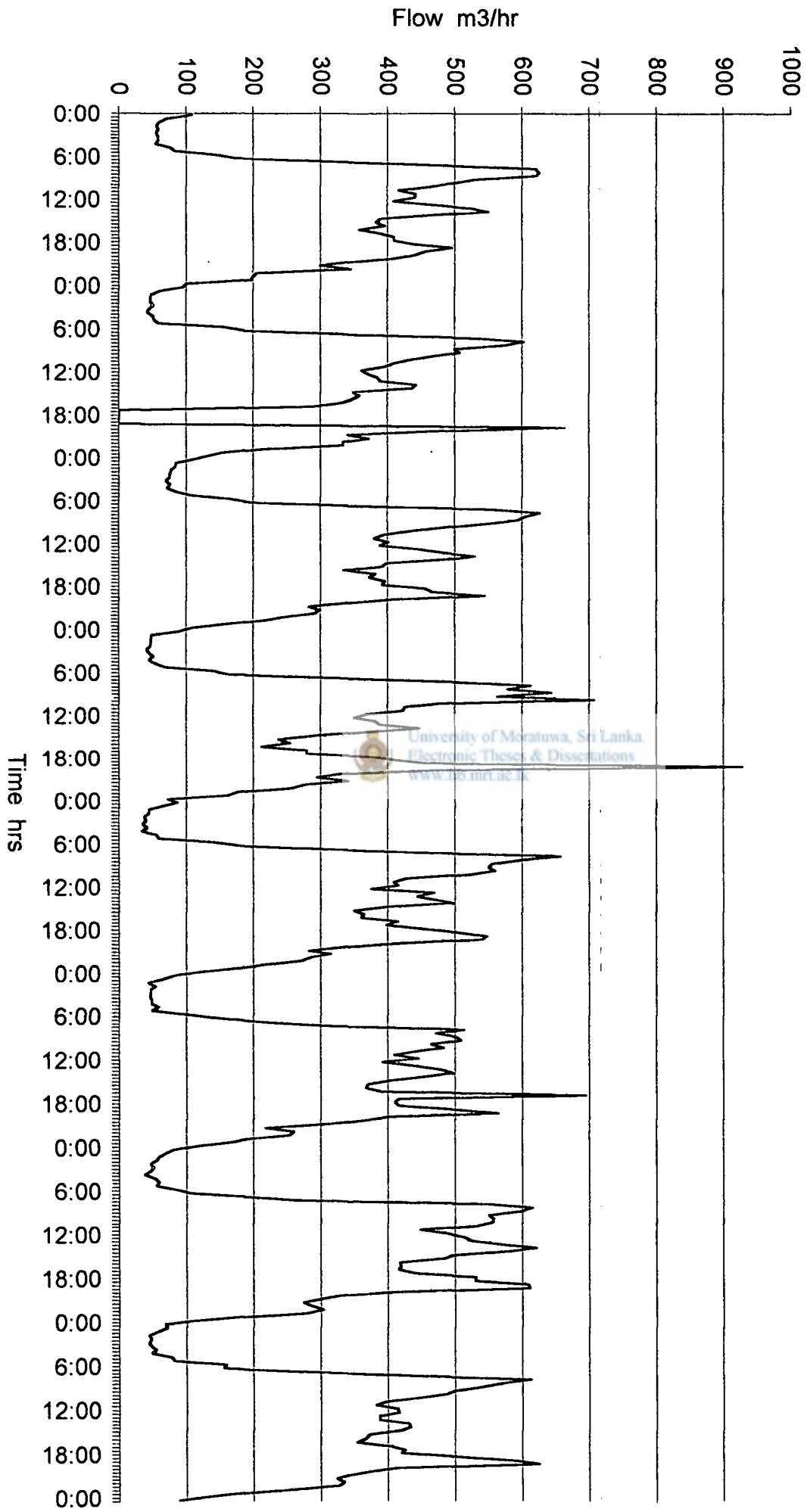
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Pannipitiya Water Tower  
Outflow Data from 21/09/98 (Mon) to 28/09/98 (Mon)



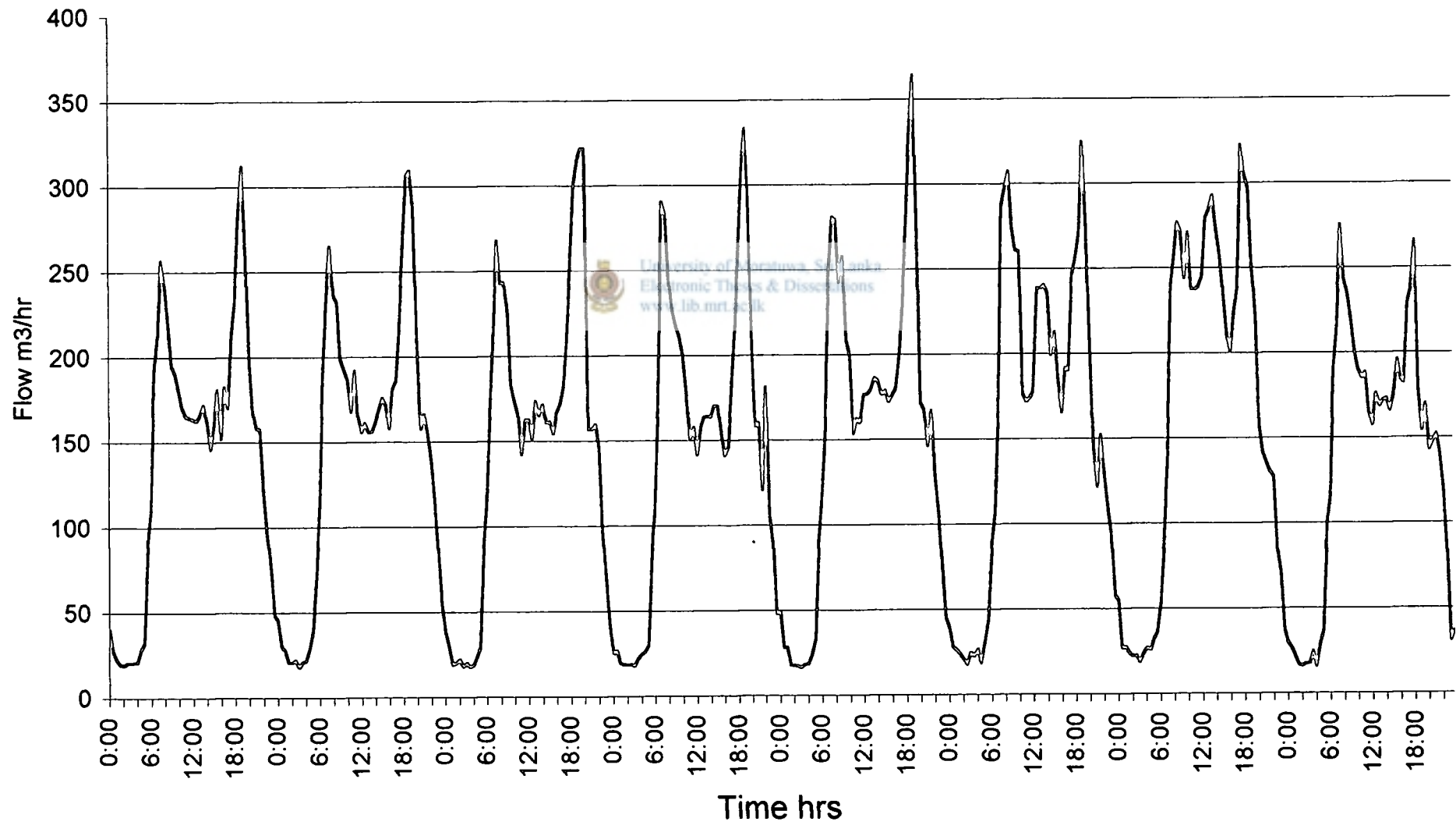
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### Pannipitiya Water Tower Outflow Data from 14/12/98 (Mon) to 21/12/98 (Mon)

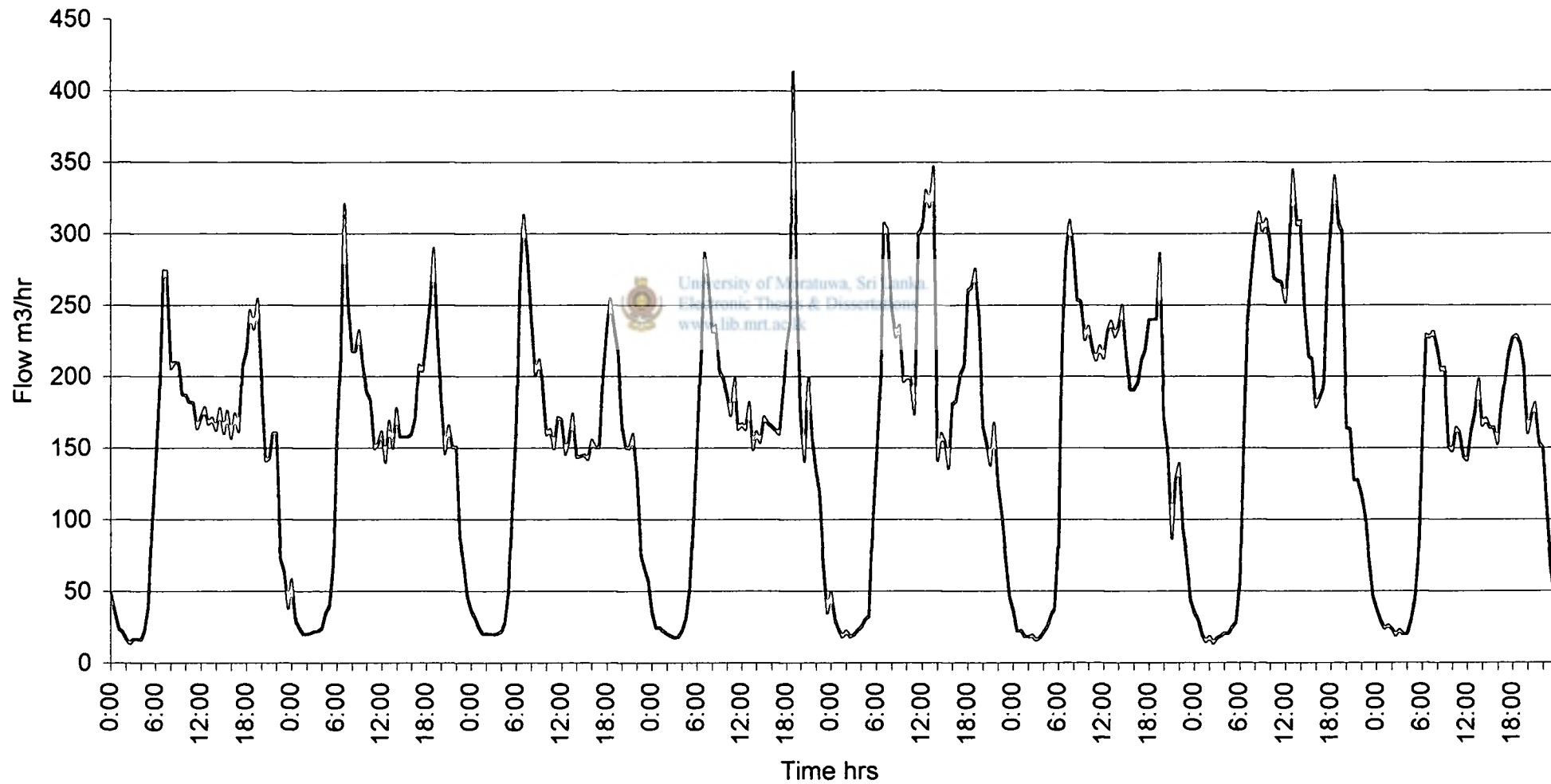


# Pannipitiya Water Tower

## Hourly Flow Variation from 08/03/99 (Mon) - 15/03/99 (Mon)

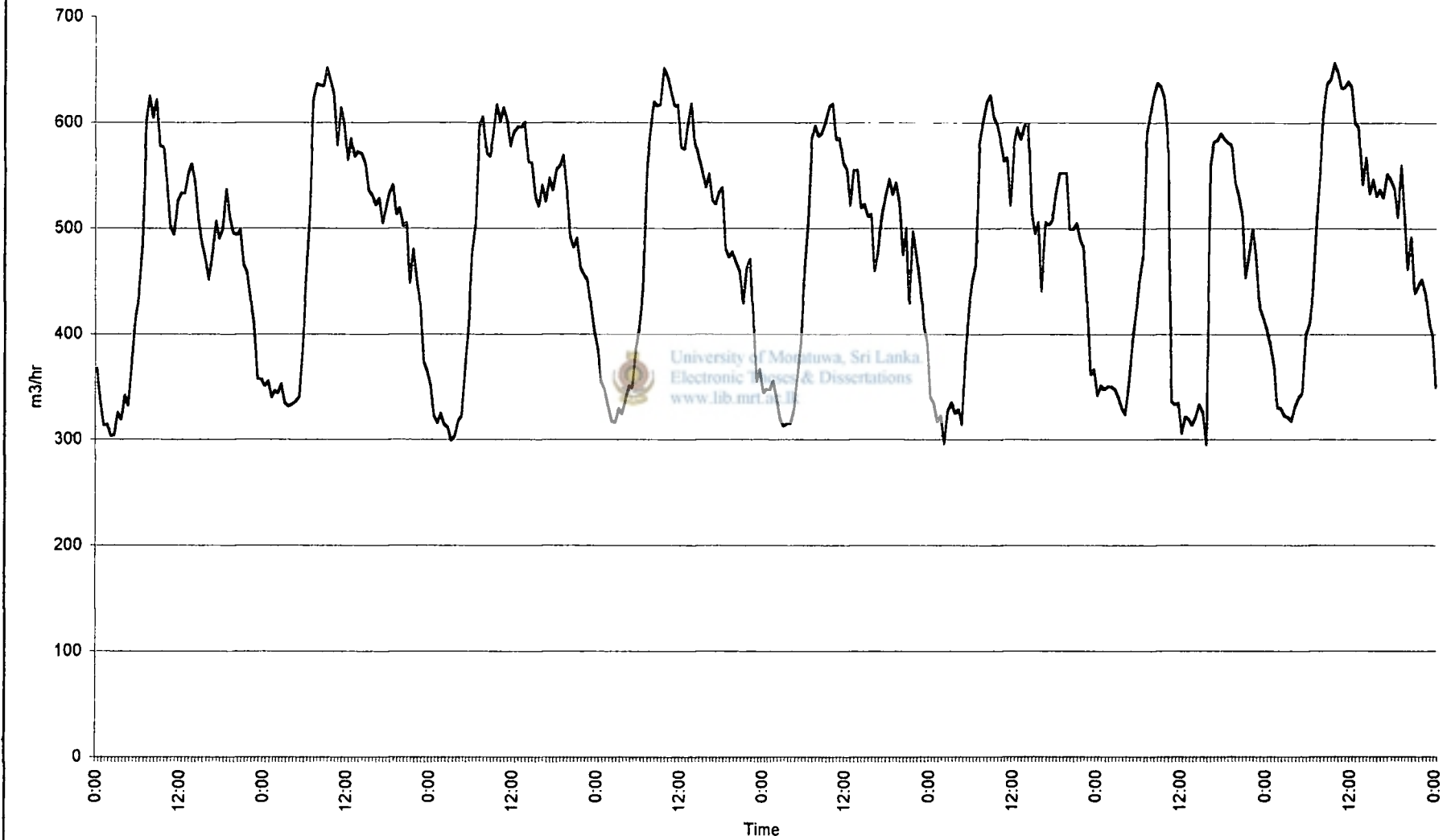


Pannipitiya Water Tower  
Hourly Flow Variation from 14/06/99 (Mon) - 21/06/99 (Mon)



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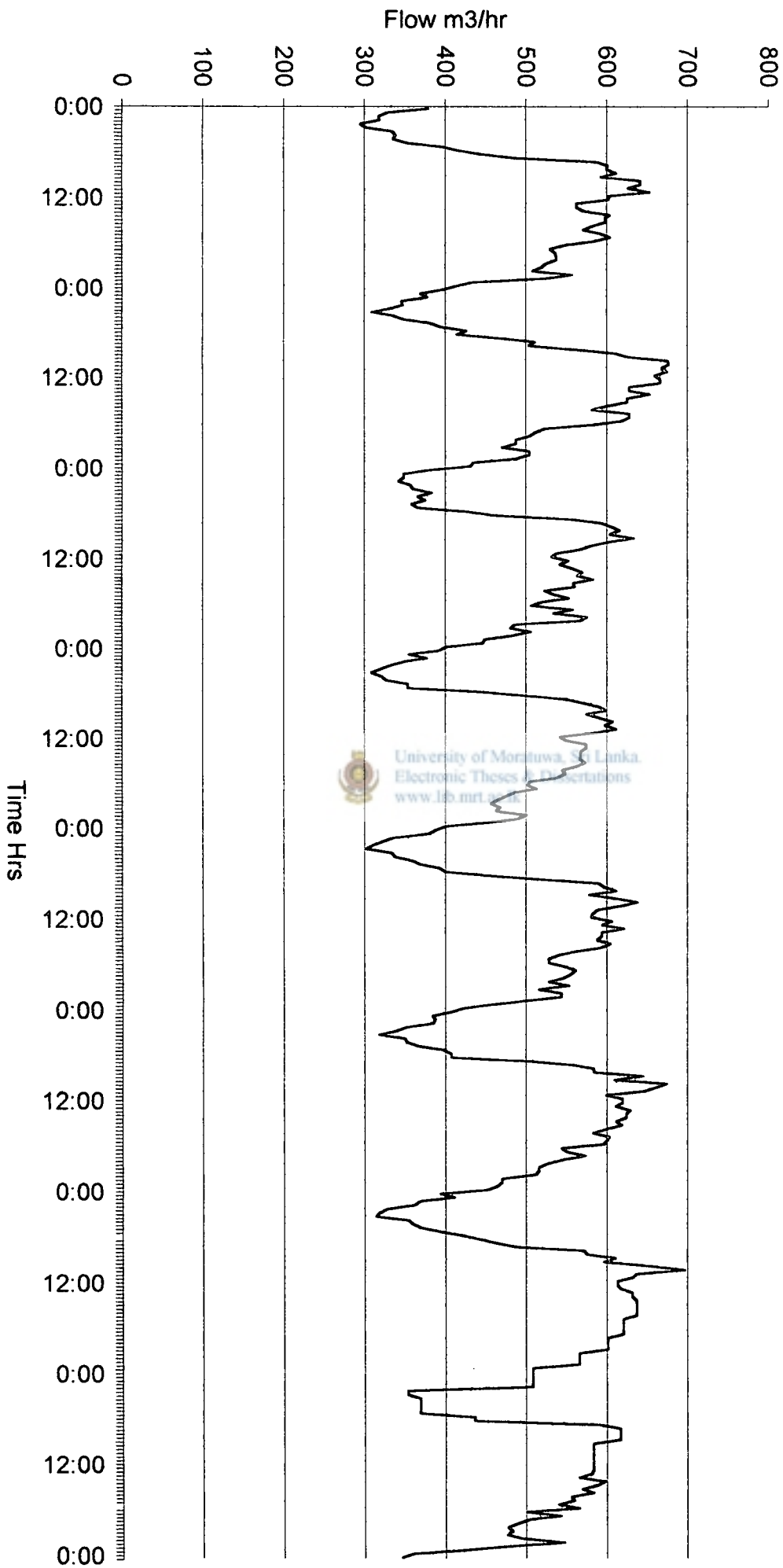
Kolonnawa Water Tower  
Outflow Data from 18/12/97(Mon) to 25/12/97(Mon)





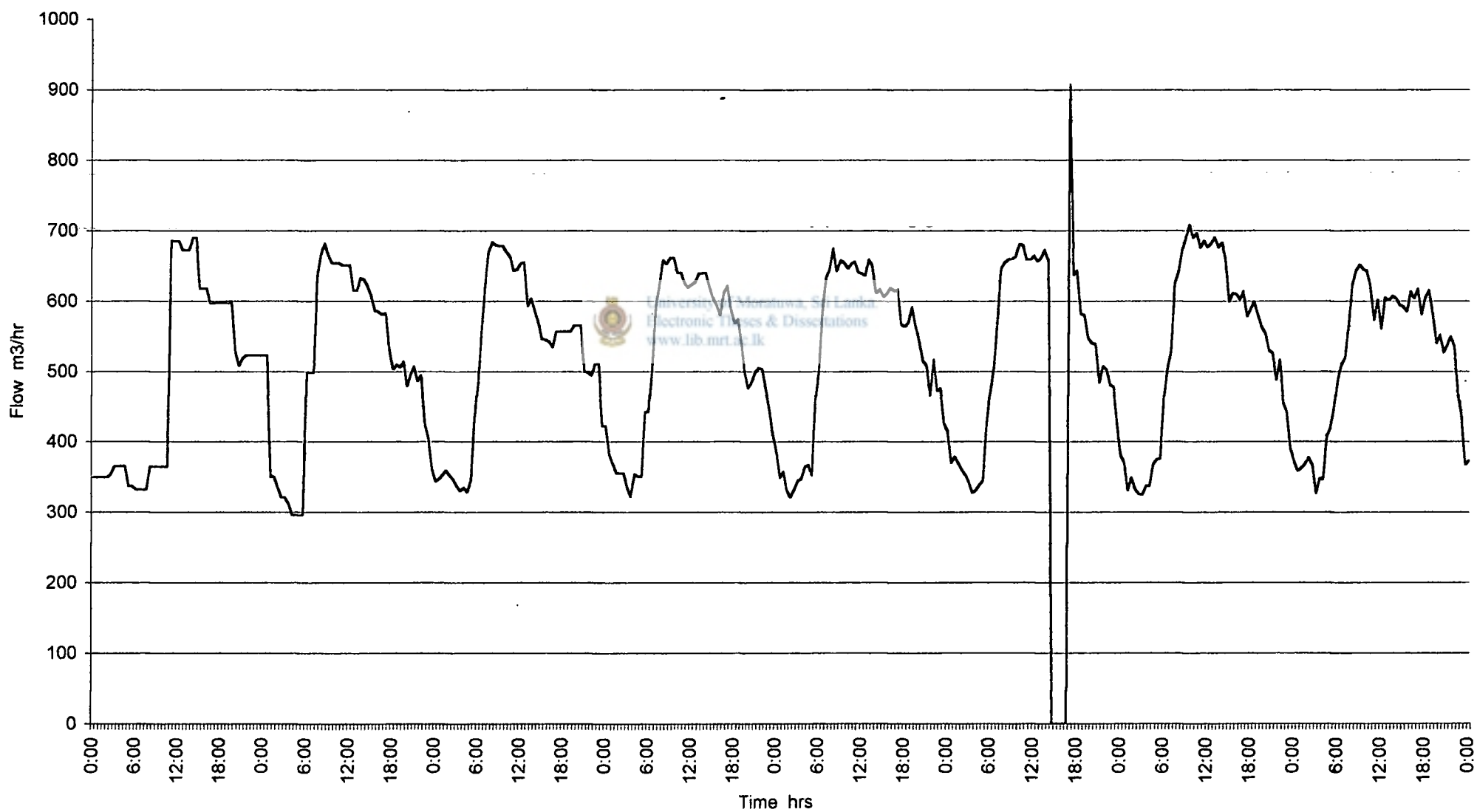


**Kolonnawa Water Tower**  
Outflow Data from 08/06/98 (Mon) to 15/06/98 (Mon)



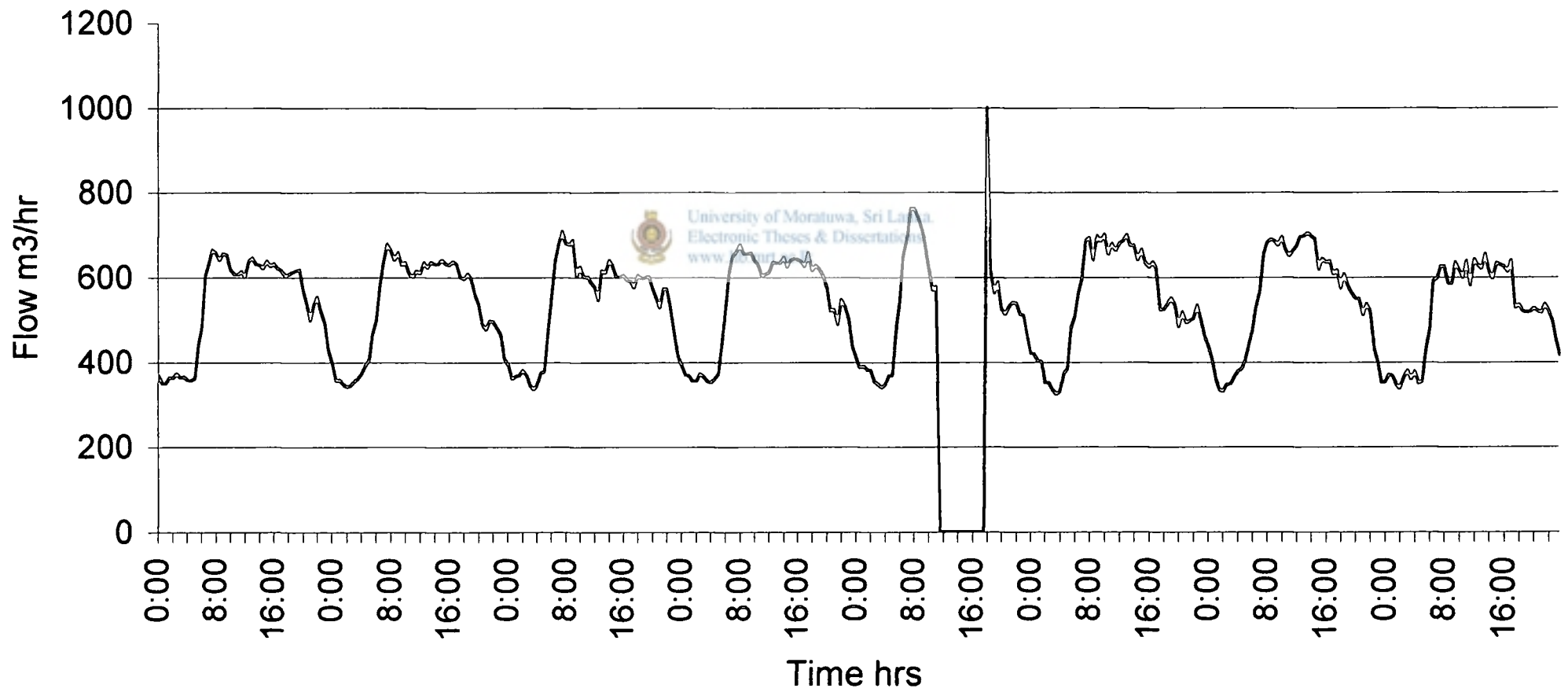


Kolonnawa Water Tower  
Outflow Data from 14/12/98 (Mon) to 21/12/98 (Mon)



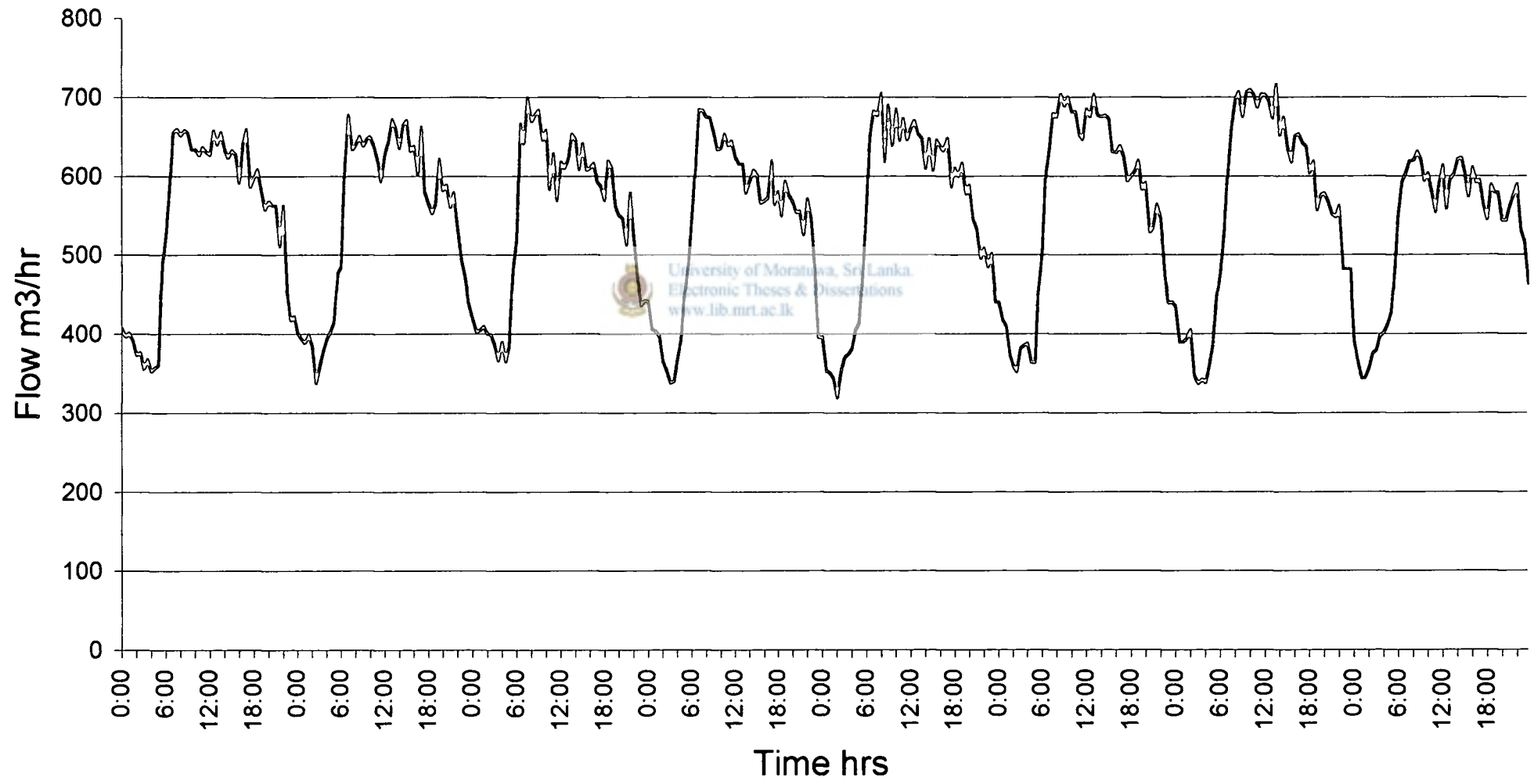
# Kolonnawa Water Tower

## Houilly Flow Variations from 08/03/99 (Mon) - 15/03/99 (Mon)



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Kolonnawa Water Tower  
Hourly Flow variation from 14/06/99 (Mon) - 21/06/99 (Mon)



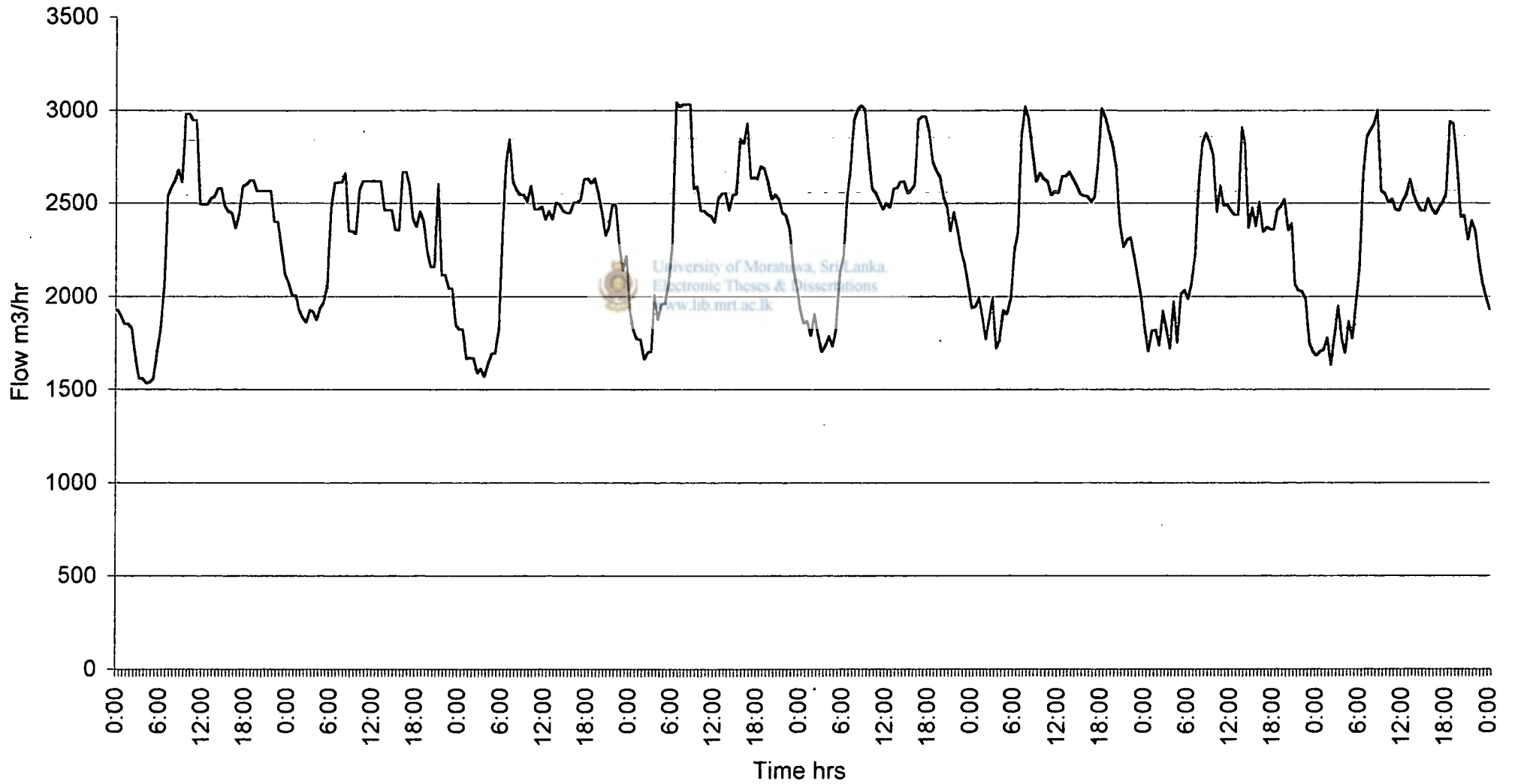






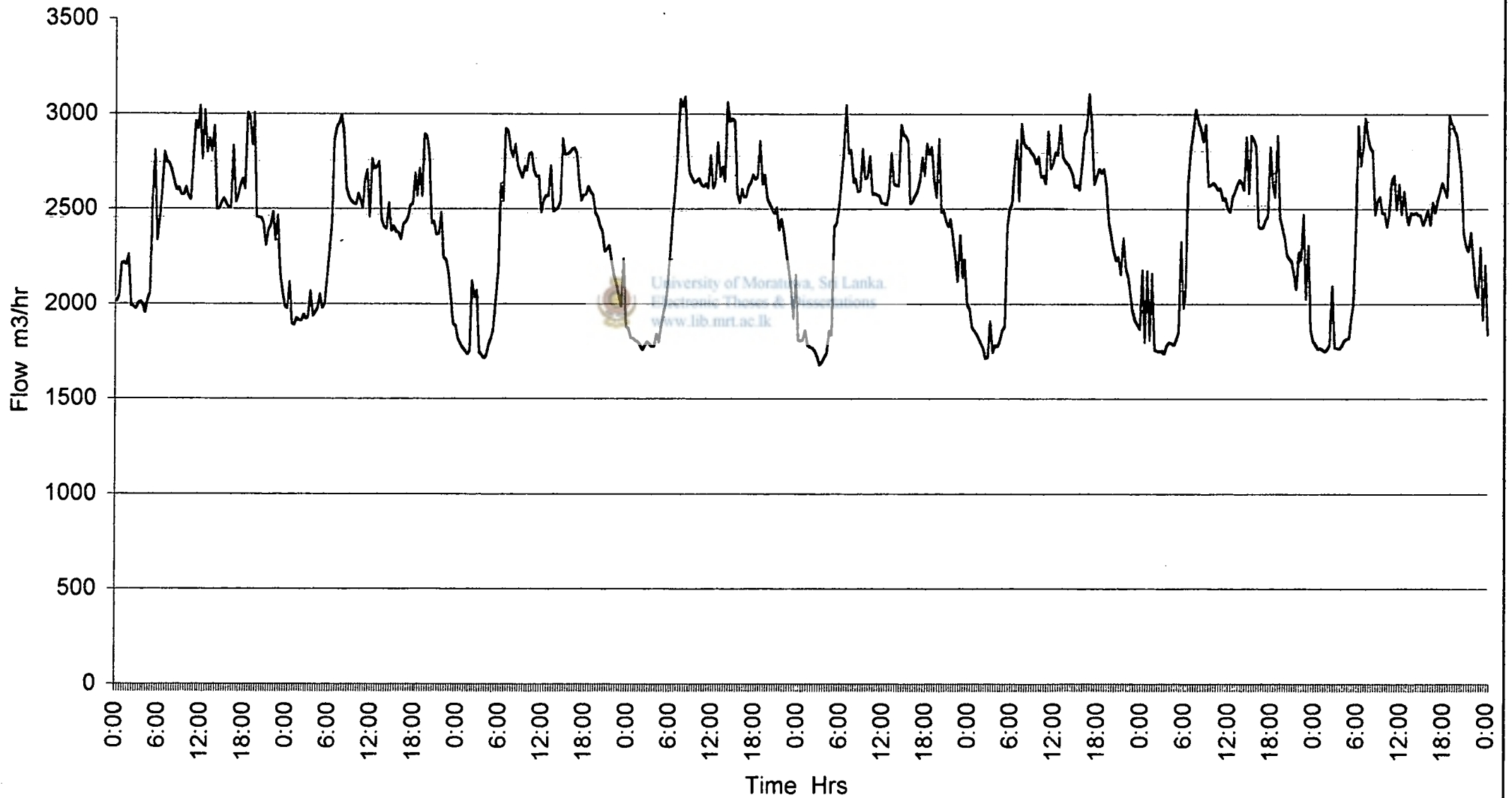
# Church Hill Ground Reservoir

## Outflow Data from 08/06/98 (Mon) to 15/06/98 (Mon)

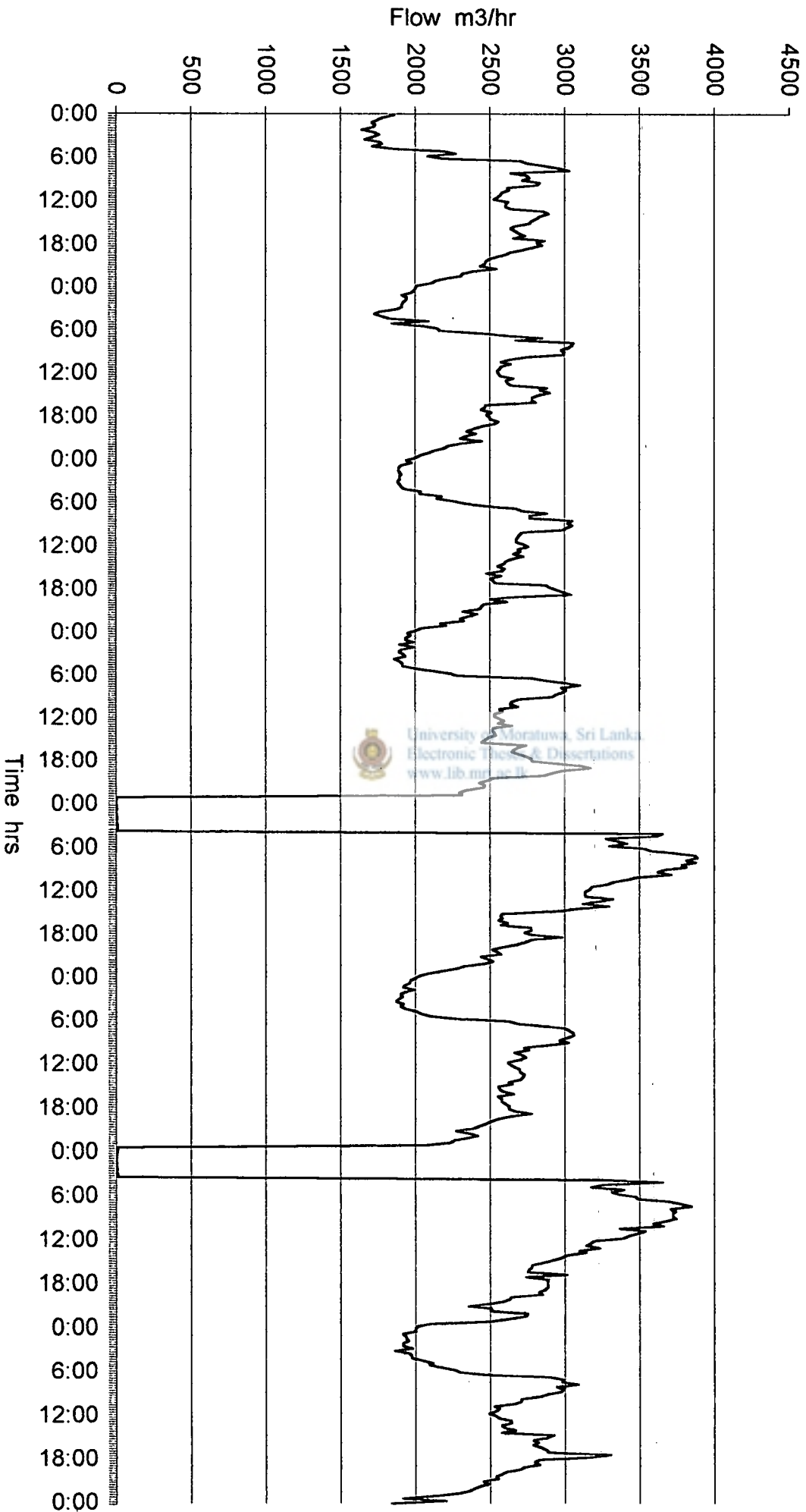


# Church Hill Ground Reservoir

Outflow Data from 21/09/98 (Mon) to 28/09/98 (Mon)

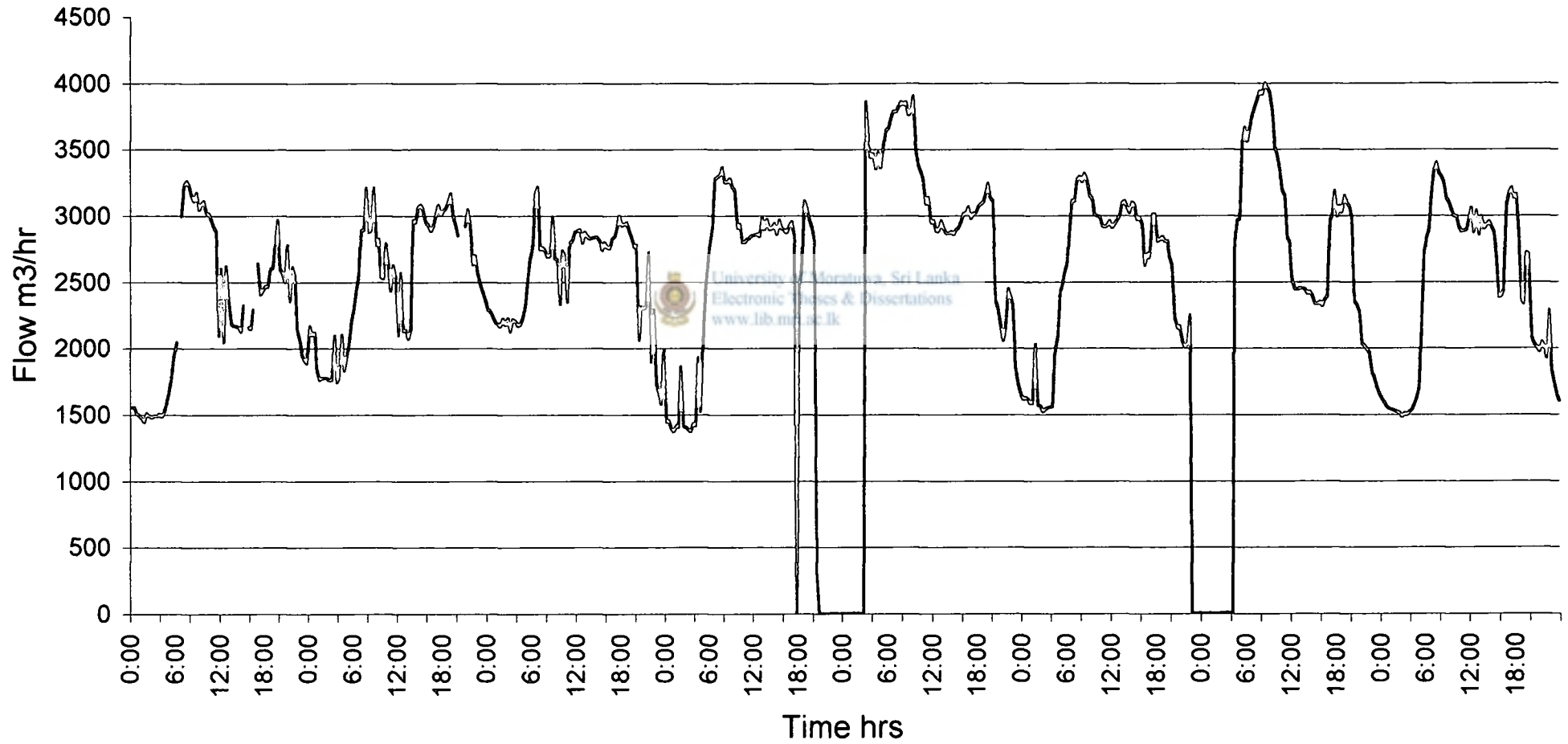


Church Hill Ground Reservoir  
Outflow Data from 14/12/98 (Mon) to 21/12/98 (Mon)



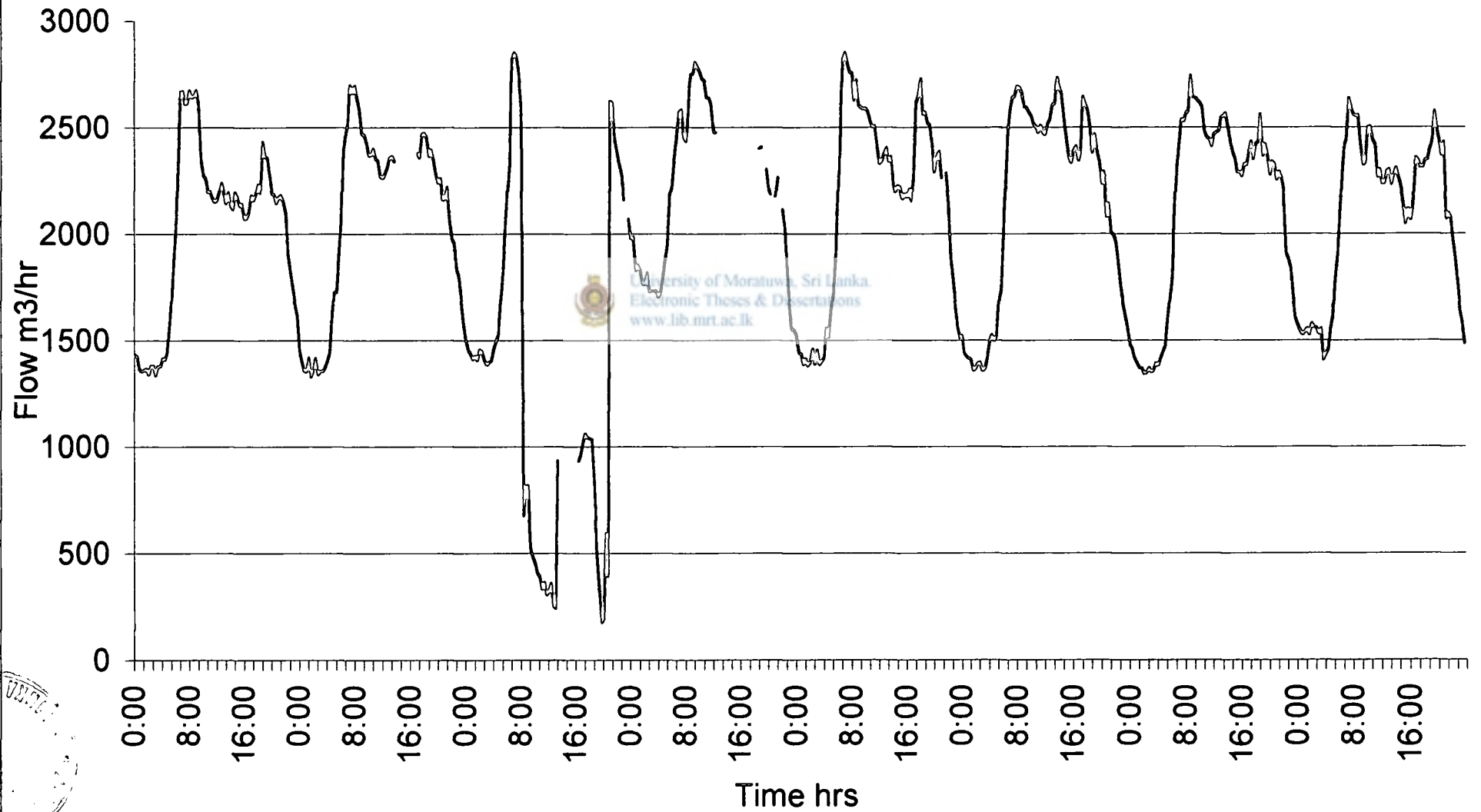
# Church Hill Reservoir

Hourly Flow variation from 08/03/99 (Mon) to 15/03/99 (Mon)



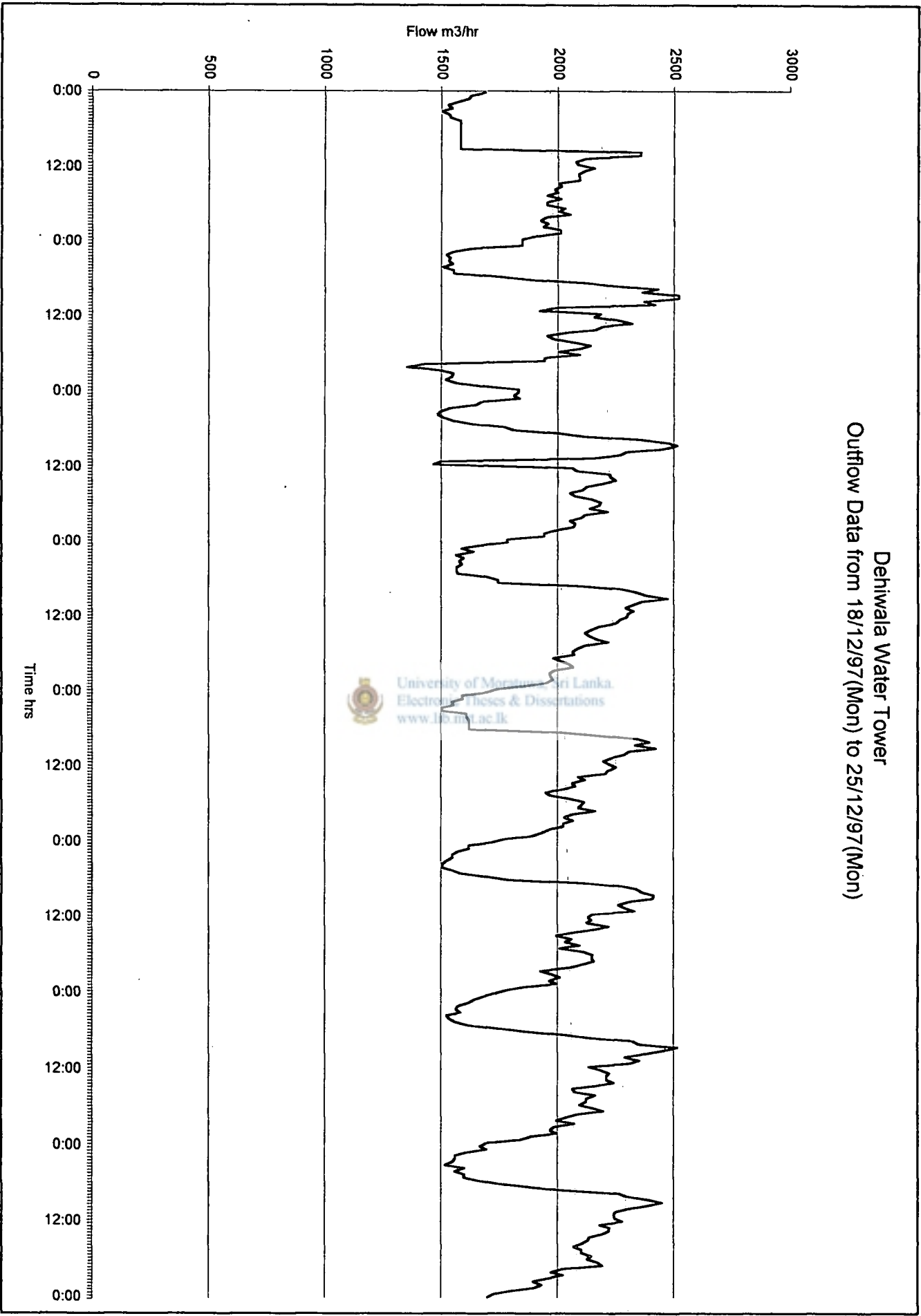
# Church Hill Reservoir

Hourly Flow Variation from 14/06/99 (Mon) - 21/06/99 (Mon)



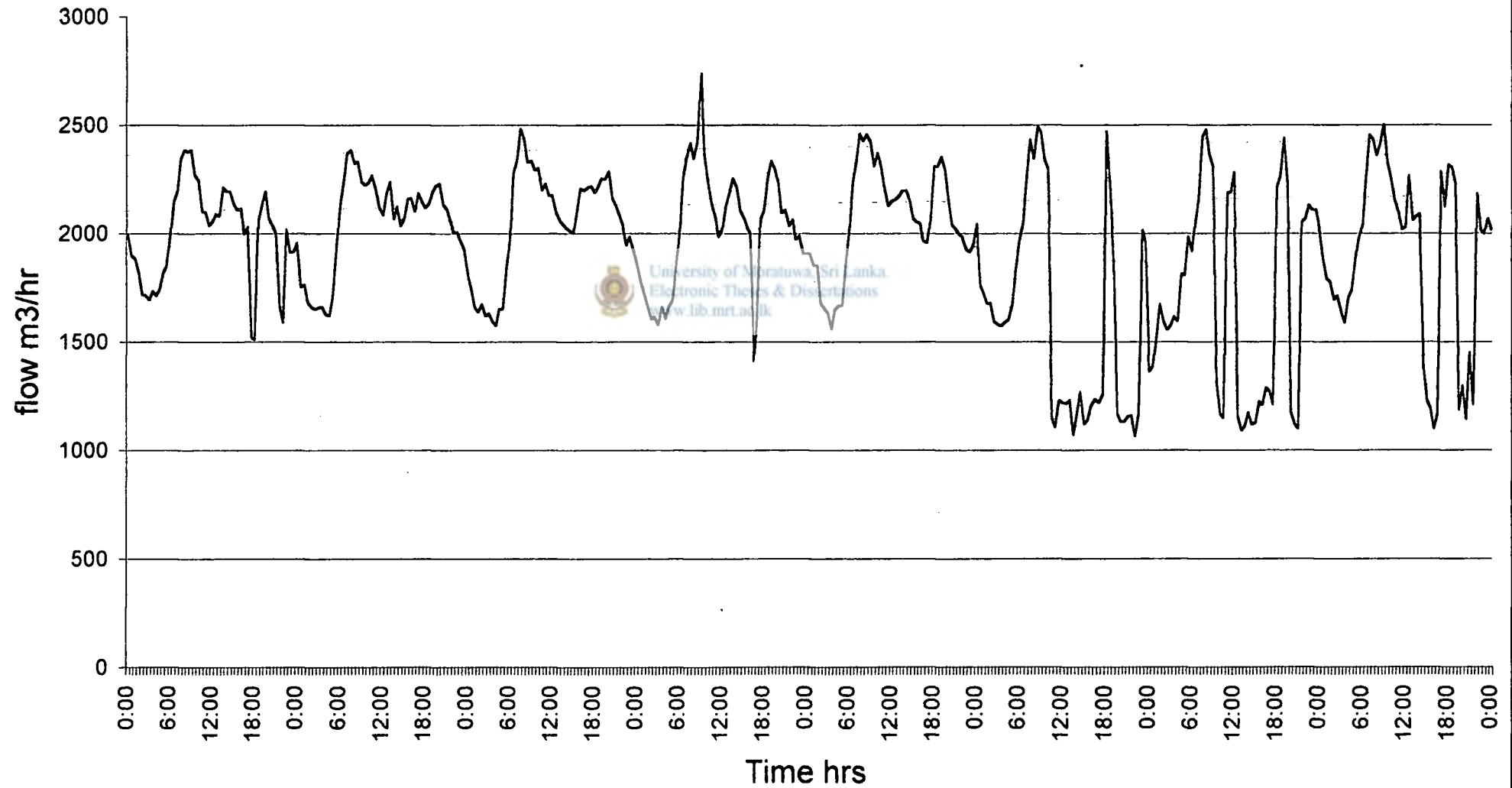
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# Dehiwala Water Tower

## Outflow Data from 16/03/98 (Mon) to 23/03/98 (Mon)





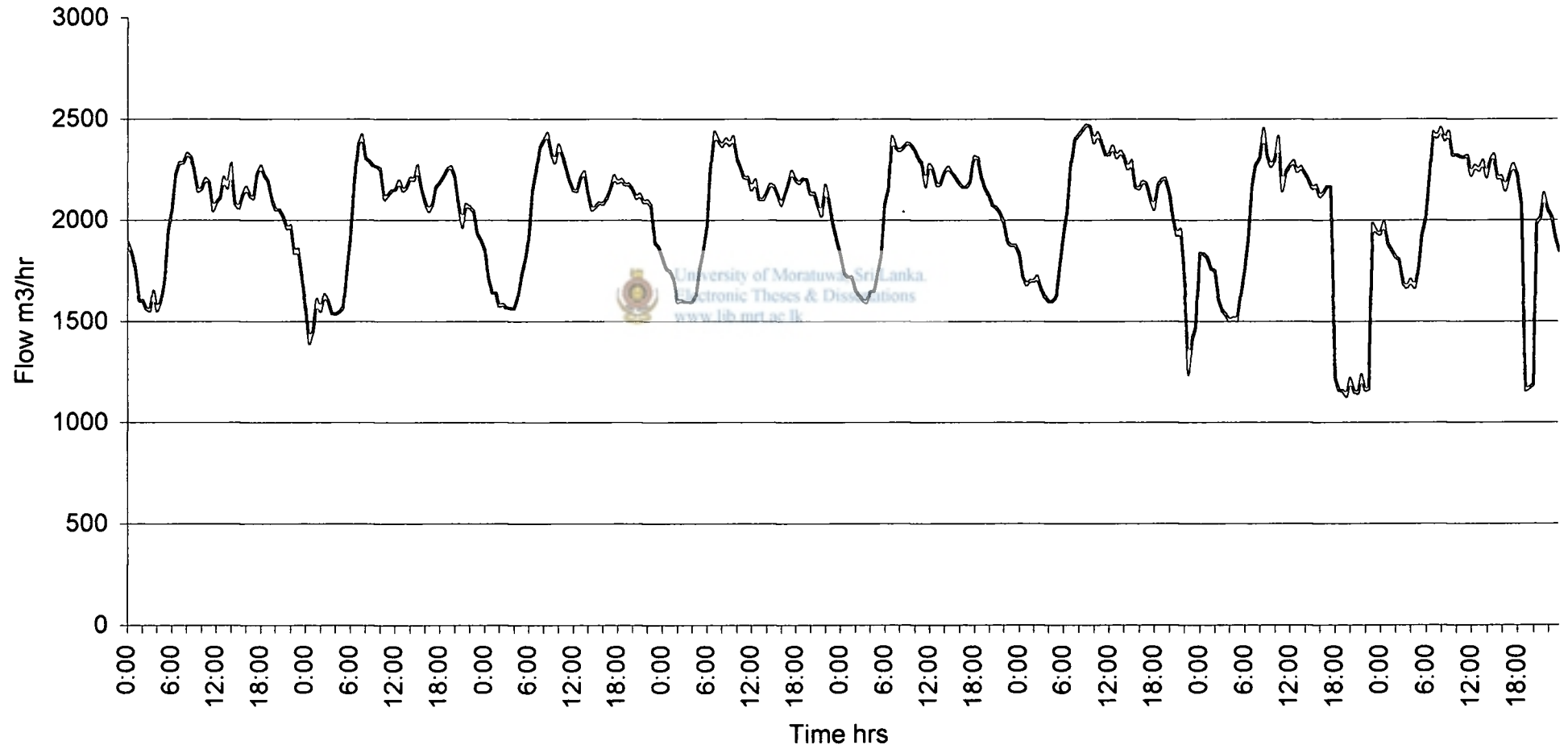






# Dehiwala Water Tower

Hourly Flow variations from 08/03/99 (Mon) - 15/03/99 (Mon)



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