

NAIVASHA LAKE LEVELS done for the Lake NAIVASHA Riparian Association.

N.B: -- These levels are based on the Laws & Flintoft system done circa 1950; - a closed circuit of levels was run round the LAKE ROAD; leaving a fixed Benchmark at intervals of one mile approximately (total of 48 benchmarks, quite a lot of which have since been lost for various reasons.) This is the official system for Lake Naivasha; on which: -

Lakefront (RIPARIAN) boundaries are to be @ 6,210 feet = 1,892.81 metres.

MAIN LAKE - done at Yacht Club Island.

31/12/93 = 1,886.54 m.	5/2/94 = 1,886.40 m.	15/3/94 = 1,886.23 m.
23/5/94 = 1,886.16 m.	16/8/94 = 1,886.50 m.	21/12/94 = 1,886.92 m.
11/2/95 = 1,886.64 m.	5/5/95 = 1,886.47 m.	15/7/95 = 1,886.51 m.
30/12/95 = 1,886.55 m.	29/4/96 = 1,886.07 m.	13/8/96 = 1,886.24 m.
5/12/96 = 1,886.56 m.	22/8/97 = 1,886.07 m.	28/1/98 = 1,887.87 m.

N.B. Apply to the new Govt. Gauge at Yacht Club to read as above = + 1,885.26 m.

OLOIDIEN BAY - done at KONGONI Lakefront - @ Cormorant nest area.

At this position there are a line of 6 angle irons which obviously formed the basis of a "Gauge" believed built in the late 1960's. The levels of the TOPS of these angle irons are :- 1,885.848 / 1,886.338 / 1,887.327 / 1,887.937 / 1,889.422 / 1,890.833.

Water levels noted :-	17/5/95 = 1,885.52 m.	14/7/95 = 1,885.56 m.
17/1/96 = 1,885.34 m.	23/2/96 = 1,885.33 m.	29/4/96 = 1,885.25 m.
13/8/96 = 1,885.11 m.	5/12/96 = 1,885.26 m.	22/8/97 = 1,884.87 m.

N.B. Apply to the new Govt. Gauge at Kongoni to read as these = + 1,884.03 m.

COMMENTS: -- Basically these water levels were recorded in the morning - circa 9 a.m. On four separate occasions I went straight from Yacht Club to Kongoni; noting that Oloidiien Bay was LOWER than the Main Lake by 0.82 to 1.30 metres; and suspect that since the heavy rains the difference might be even greater. Note that the recently installed Govt. gauges differ in level by 1.23 metres, which was probably the difference in height between the two Lakes when the Gauges installed? Now that the 2 official Gauges seem to be read daily I will not be recording levels any more. I would just mention that SULMAC also have a gauge set to these official levels, which they have been recording weekly for several years.

Ref. V/854/L/5 of March 30, 1998.

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