THE RHODE ISLAND LONG-TERM BEACH PROFILE NETWORK: 1986-1988 DATA

TECHNICAL REPORT NO. 8-SRG

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INTRODUCTION

Comprehensive studies of the beaches along the south shore of Rhode Island were conducted by Boothroyd et al., (1986), and McMaster and Friedrich (1986). These studies drew extensively upon one of the most significant geological data bases for the south shore of Rhode Island, that of the long-term beach profile network. This report presents new survey data (comparison profiles and profile volume time series graphs) bringing the long-term beach profile data base up to date as of March 1988.

The long-term beach profile network was initiated by McMaster (1961-present). Within this network data have been collected at various localities on a biweekly basis. Four of the eight transects have been monitored since 1962, the remaining 4 were established between 1975 and 1977 (Table 1). Boothroyd established a second set of 2 transect stations which have been monitored on a weekly and biweekly basis (depending on specific profile) since October 1, 1977.

Table 1. - Profile Data Sets (to mid March 1988)

location (W-E)	start date	profiles	investigator
MIS-01	Jul. 77	203	McMaster
WKG-01	Dec. 62	472	McMaster
EST-01	Dec. 62	472	McMaster
EST-02	Aug. 76	201	McMaster
CHA-BW	Jan. 77	203	McMaster
CHA-EZ	Oct. 77	595	Boothroyd
CHA-TB	Nov. 75	225	McMaster
GRH-01	Dec. 62	473	McMaster
MST-01	Dec. 62	458	McMaster
MAT-SP	Aug. 81	256	Boothroyd
	Total:	3558	

A significant difference in spatial resolution among the two survey data sets (Transit and Emery) appears as a result of differing methods employed in the initial gathering of topographic information. Whereas data from the oldest, and longest-running profile locations (McMaster) provide significant information regarding temporal variations in overall beach configuration, the method employed (transit and stadia surveys, with stadia locations taken primarily at slope inflections) does not resolve much spatial detail in the changing berm configurations. The modified Emery method employed in the collection of topographic data at the second set of transect localities (Boothroyd) does provide high spatial resolution of berm and beachface shape. The weekly, biweekly, and pre- and post-storm survey schedule maintained for the Emery transect locations resolves the higher frequency temporal fluctuations in berm shape as well.

An array of computer programs, originally written by Roger Greenall of ASA/Datajet (formerly at the Univ. Rhode Island Academic Computer Center) have been employed in the reduction and plotting of both types of beach survey data. Documentation for these computer programs is presented in Sea Grant technical report 9-SRG (Graves, 1988). The long-term beach profile data sets and programs are resident on the IBM mainframe computer located at the Academic Computer Center, University of Rhode Island, Tyler Hall, Kingston. A Calcomp drum plotter, located in the Plotting Room in Tyler Hall, was employed in the generation of the comparison beach profile plots and the beach profile volume time series graphs (Appendices 1 and 2).

DISCUSSION

From statistical analyses of various aspects of the beach profile data, including eigenfunctions for profile shape changes and power spectra of the profile volume time series, Boothroyd et al., (1986) and Gibeaut (1987) identified principal and subsidiary components of the beach morphology variance, and short- (4 to 6 yr.) and long-term (10 yr.) periodicities in beach volume. Predictions based on these results were for a further decline in beach profile volume through 1987.

All beaches experienced significant depletion of the berm, and in some cases foredune erosion (see comparison profile plots in Appendix 1) as a result of the winter storms of 1986/87 (occurring at or near syzygy). With few exceptions the updated profile volume time series presented for each beach (through mid March, 1988, Appendix 2) indicate overall profile volume recovery since the winter of 1986/87.

From west to east along the coast, the response of the beaches over the last year and a half has been as follows: The Misquamicut Beach profile (MIS-01) shows a sharp drop in volume associated with the '86/86 winter storms as seen at most all the other beaches. Throughout the remainder of 1987 and into 1988, this beach exhibited a roughly sustained volume slightly less than that for 1986. The profile at Weekapaug (WKG-01) shows an increase since the '86/87 winter storms, and a roughly sustained average volume greater than that present in 1986, but less than than evident in 1985. The East Beach profiles (EST-01 and EST-02) show a fairly sharp drop in volume due to the 1986/87 winter storms, followed by recovery over the 1987 seasons to their present volume at or very nearly equal to that shown for 1985 and 1986. The CHA-BW (Breachway) profile saw an overall dramatic increase in volume after the '86/87 winter season, while exhibiting the highest variability in berm volume during rebuilding. The nearby CHA-EZ profile similarly saw a dramatic increase in volume after the '86/87 winter season, though with much less short-term variable. Its present volume (spring 1988) is higher than that ever seen on this beach segment. The Charlestown Town Beach profile (CHA-TB) recovered from the '86/87 winter storm-erosion episodes to exhibit a volume average for the year that is very nearly the same as in 1986 (greater than in 1985). The Green Hill Beach profile (GRH-01) experienced a sharp drop in volume as a result of the 1986/87 winter storms, and has remained as a low volume berm since then. The GRH-01 profile volume is at its all time lowest in a trend of (steady) decline. The Moonstone Beach profile (MST-01) showed a substantial dip in volume for the winter of 1986/87 followed by an increase in volume to very near that existing in1986. The profile at Matunuck (MAT-SP) recovered completely from the winter storms of 1986/87 to show an overall average profile volume for 1987 that is larger than that in 1985 and 1986. Through the winter of 1987/88 and into the spring, the volume has declined however.

With the exception of the winter storms of 1987, the wave climate in Block Island and Rhode Island Sounds has been dominated by fair weather swell. We speculate that throughout this protracted period of non-storm conditions, landward asymmetry in the near bottom orbital motion (associated with the small wind waves generated within the sounds) has translated much of the upper shoreface sediment reserve to the beaches. In this way, the berm along the entire south shore has gained significant volume since 1986.

ACKNOWLEDGMENTS

First and foremost, we thank Robert L. McMaster for his continued cooperation and sharing of transit data. Thanks are extend to Roger Greenall for his deft skill at designing the original FORTRAN programs. To James Gibeaut, whose herculean efforts resulted in the original compilation of all the pertinent data sets and appropriate programs, we owe many thanks. This report essentially is a follow-up on Gibeaut's monumental task, bringing the beach profile data base up to date as of March 1988. Steve Selden was indispensible in organizing the CHA-EZ Emery data sets and pertinent programs. Considerable thanks must also go to the numerous survey party members who assisted in the gathering of further beach profile data through March of 1988. These include, Christopher Galagan, Dave Lawson, Bill Nelson, Carol Gibson, Steve Selden, and John Peck. We much appreciate the support and patience of the entire User Services group at the Academic Computer Center, URI, and especially Charlene Yang, Hilde Gesch, Mark Oliver, Peter Rose, Christian Vye, and Janie Palm. Finally, for her equal patience, we thank Sue Ponte.

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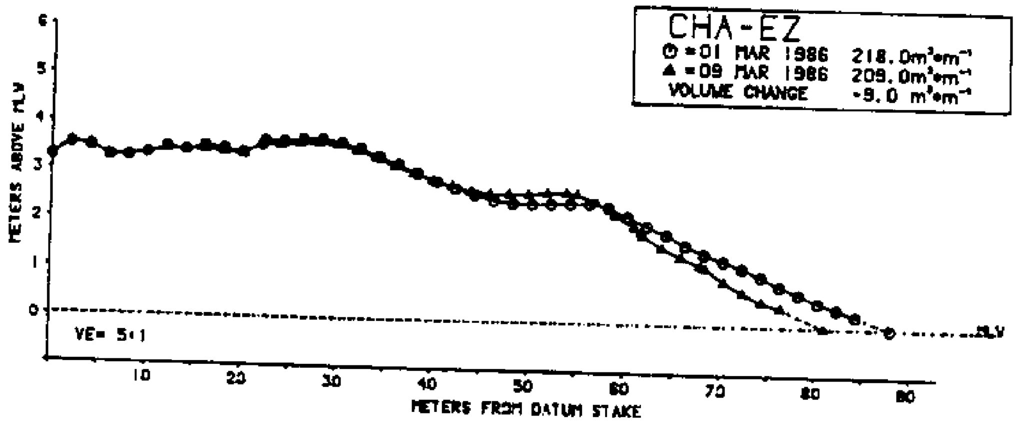
APPENDIX 1

Comparison Profile Plots

APPENDIX 1A

CHA-EZ Profile Plots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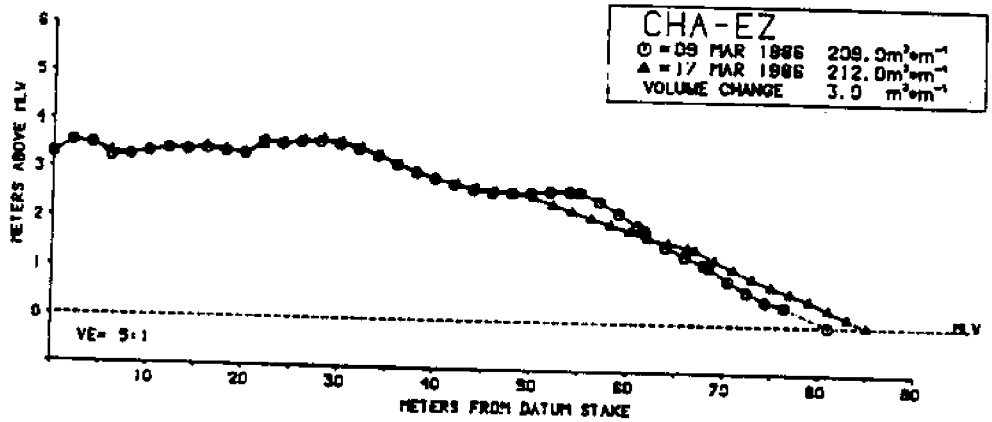
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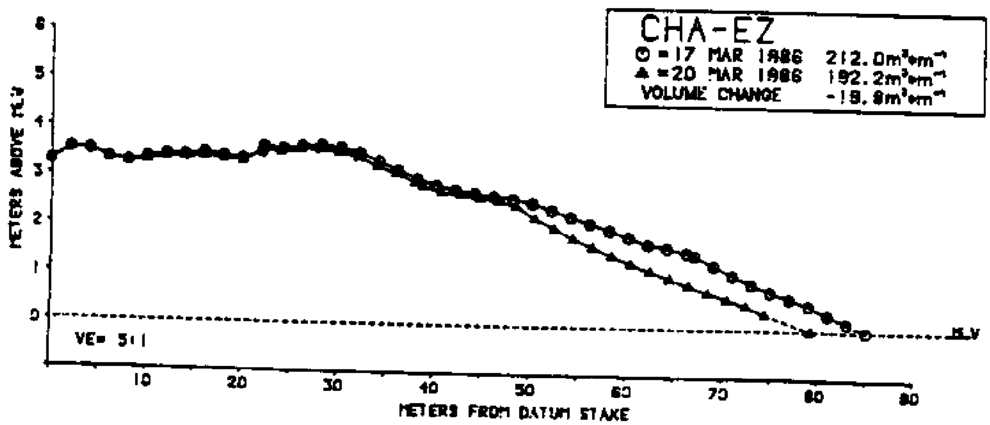
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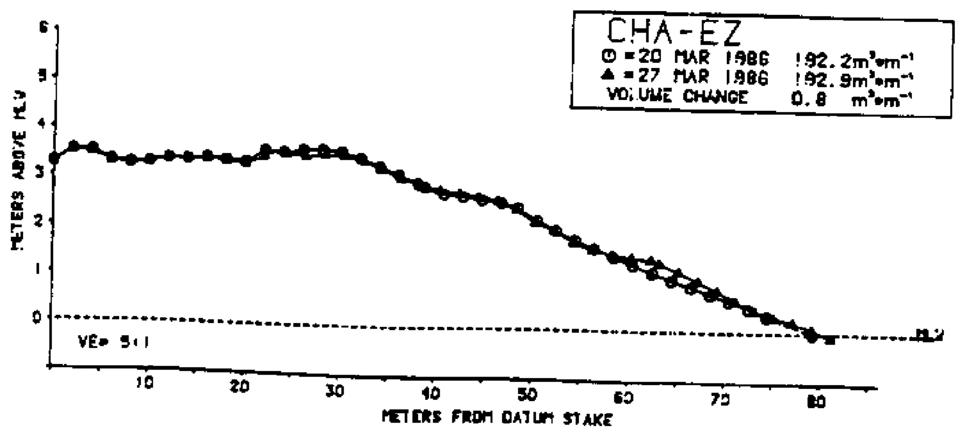
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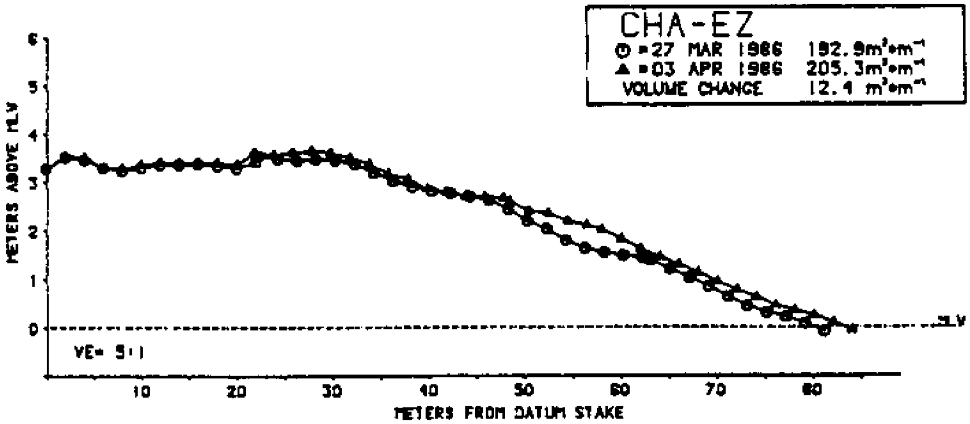
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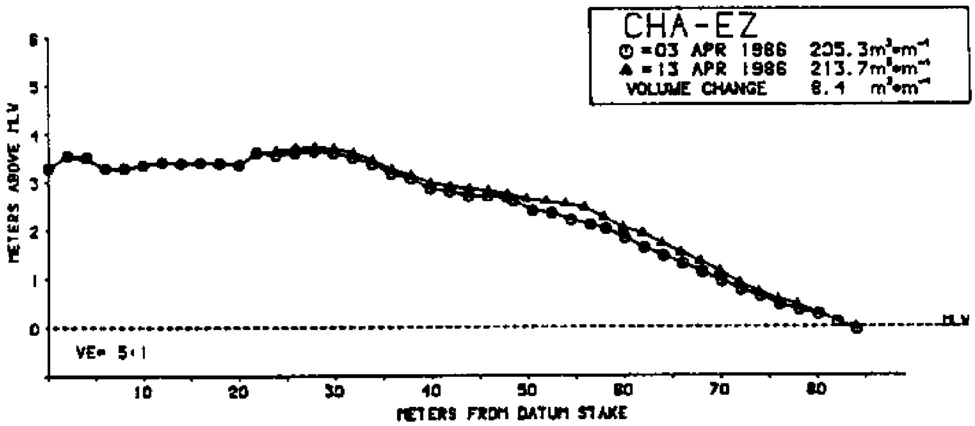
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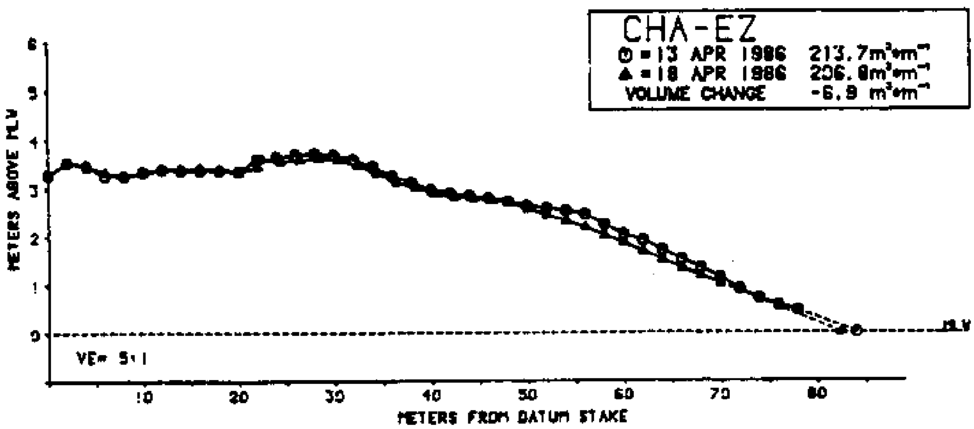
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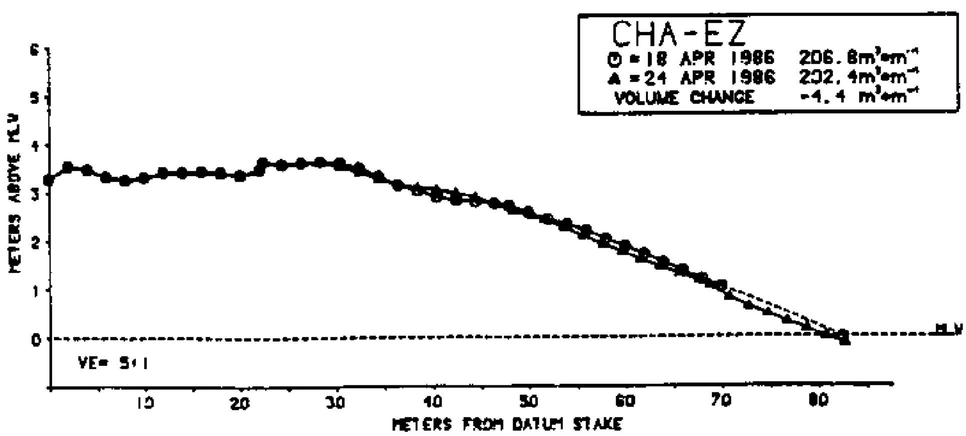
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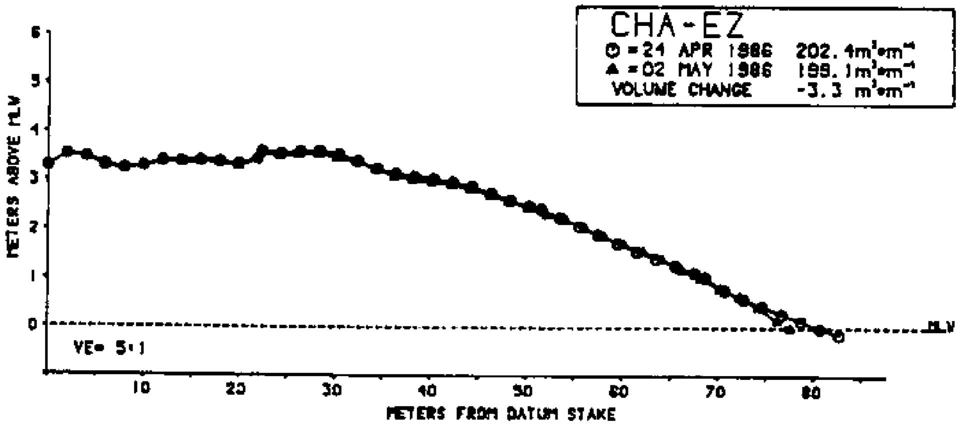
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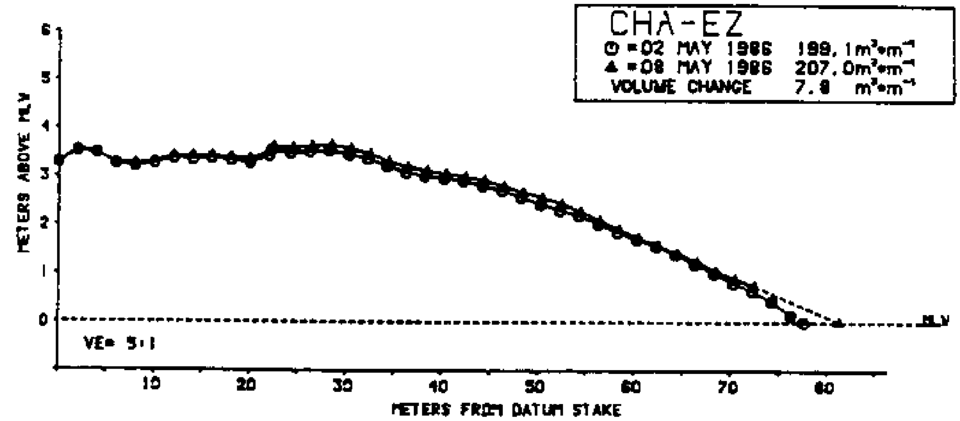
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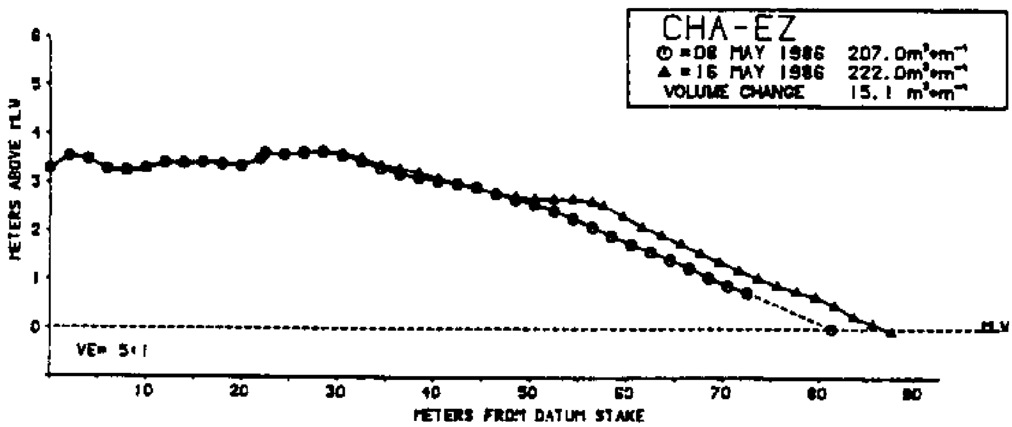
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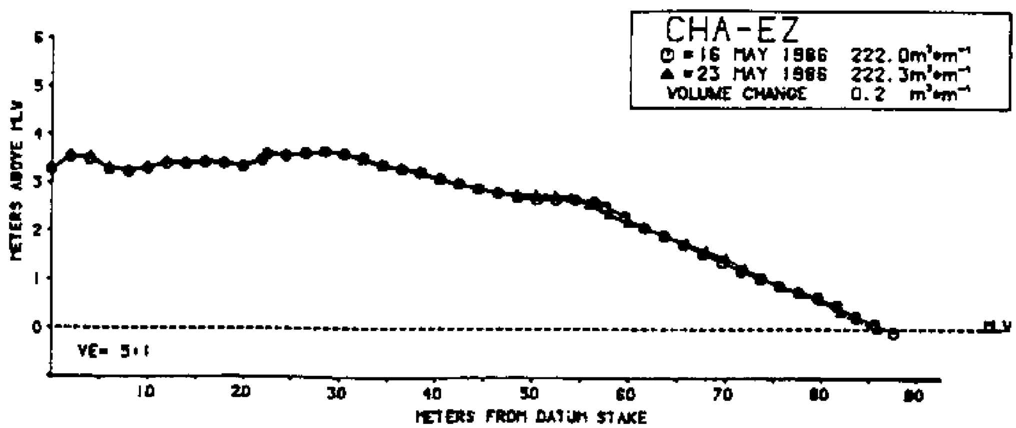
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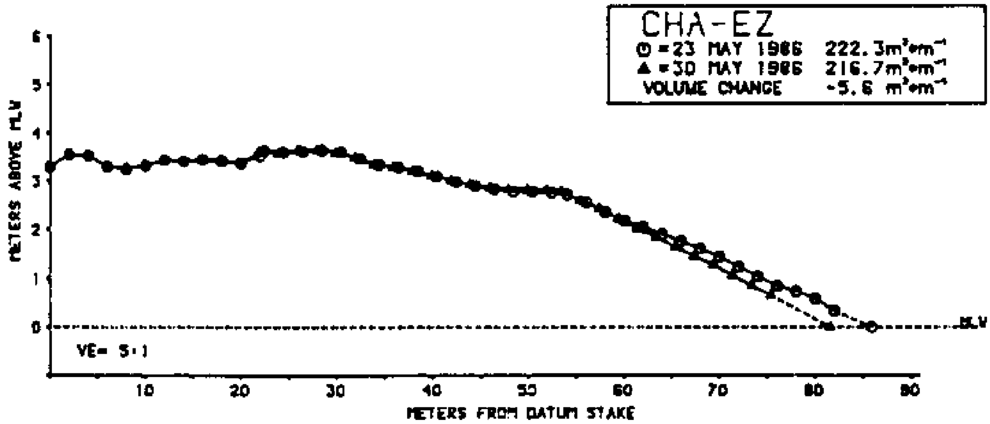
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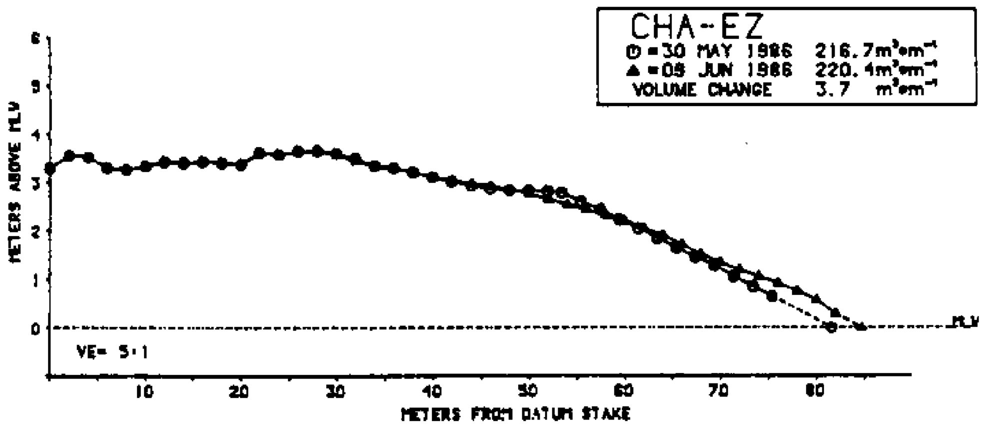
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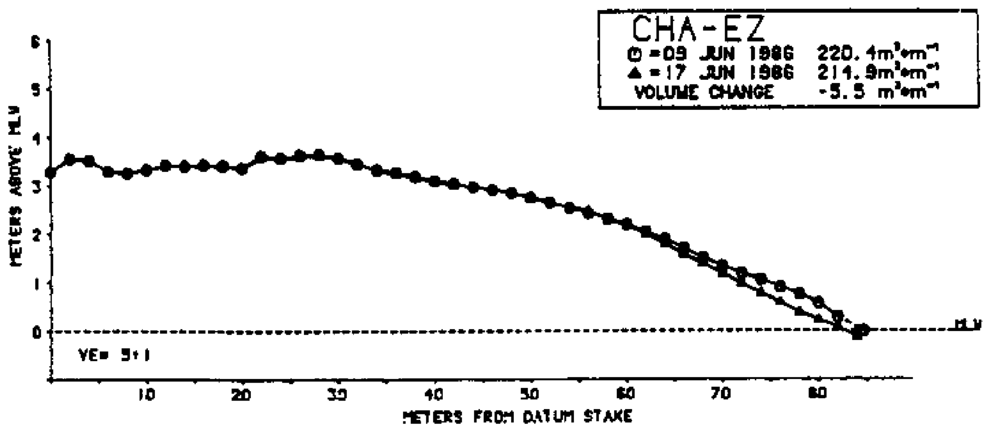
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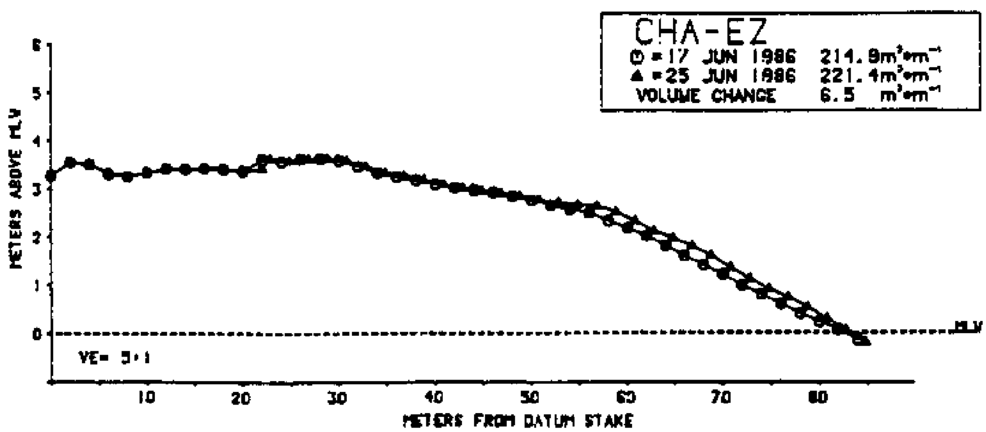
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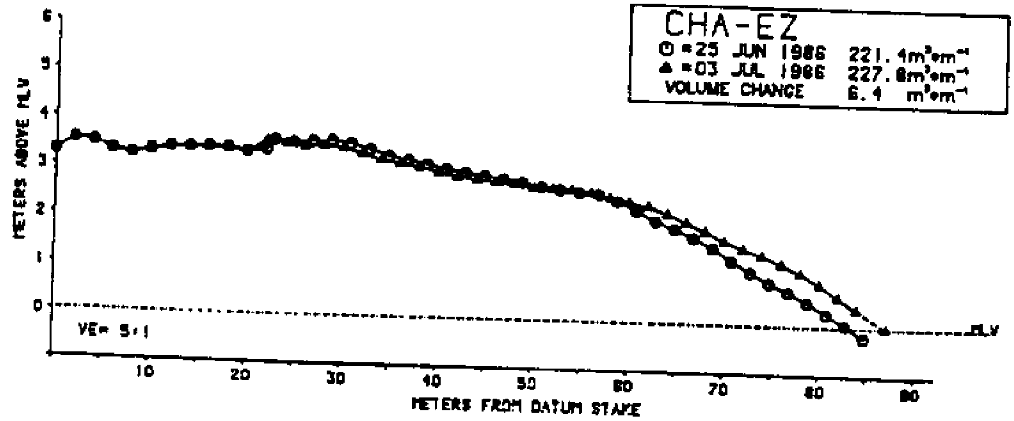
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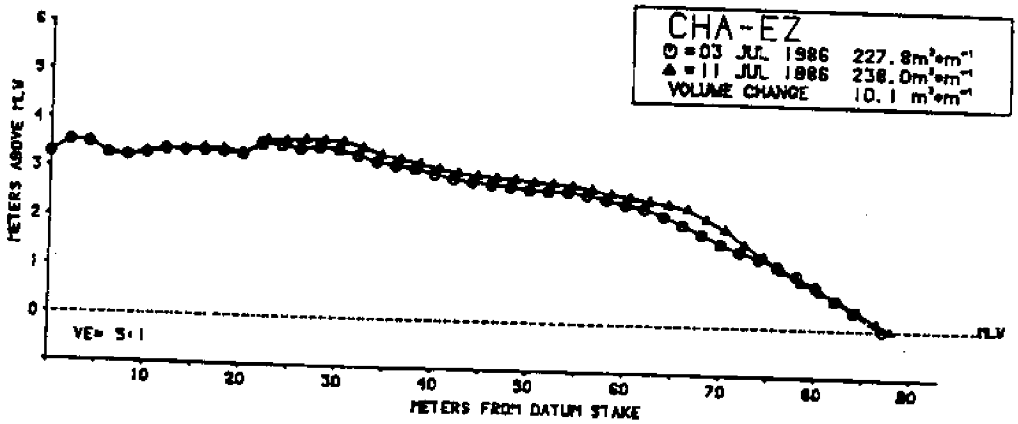
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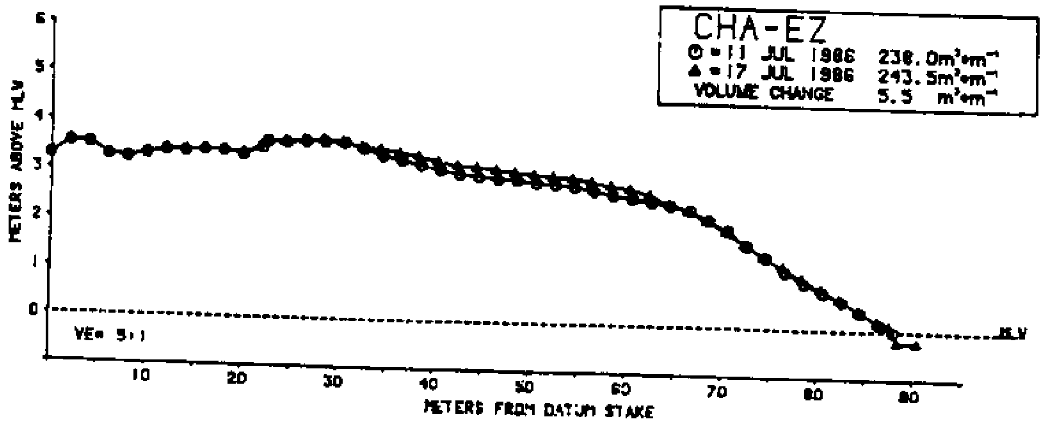
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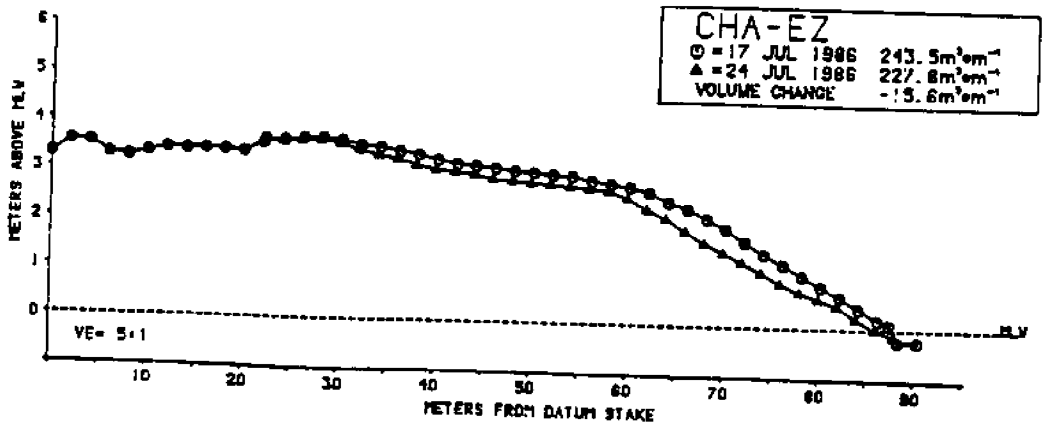
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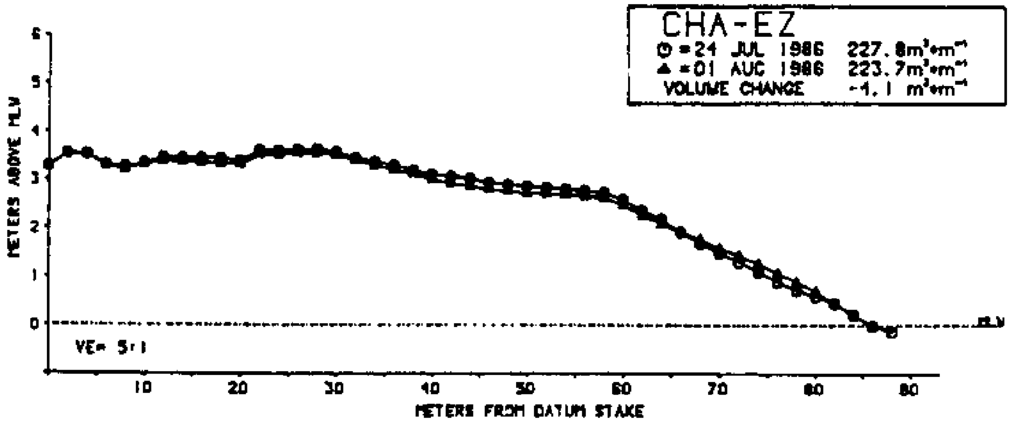
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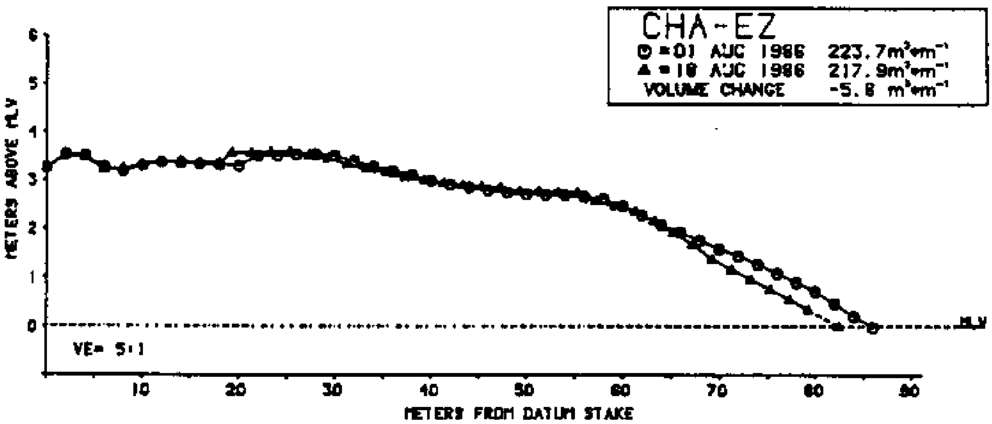
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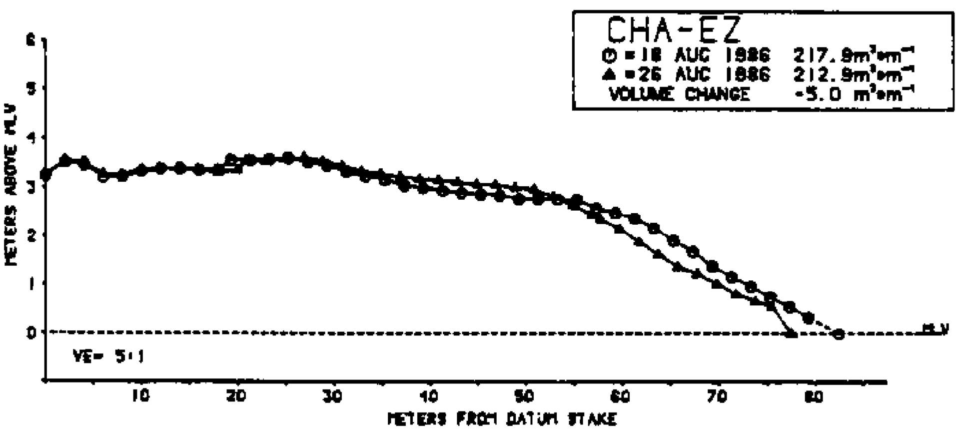
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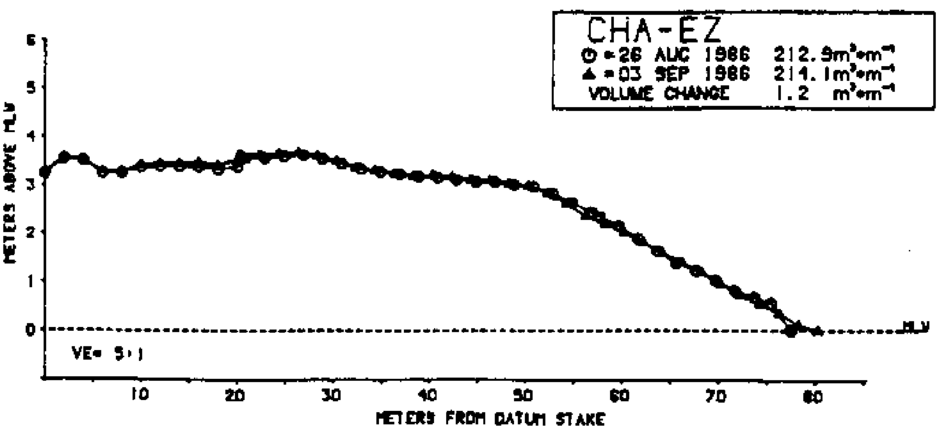
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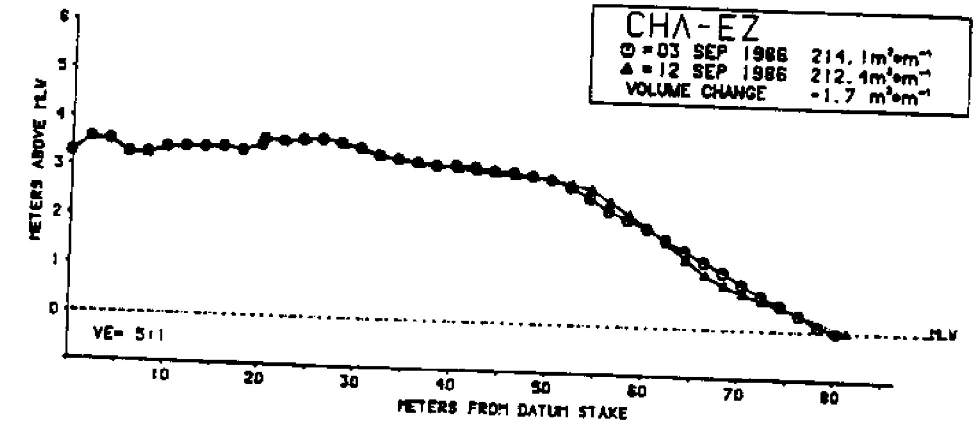
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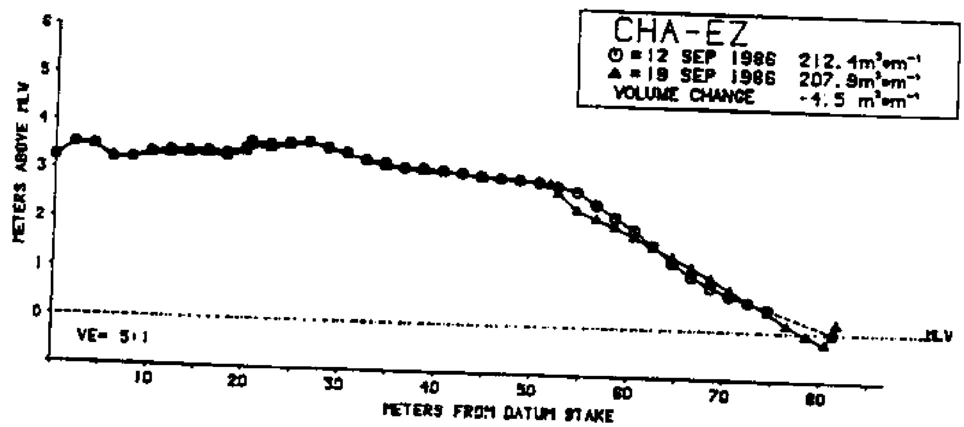
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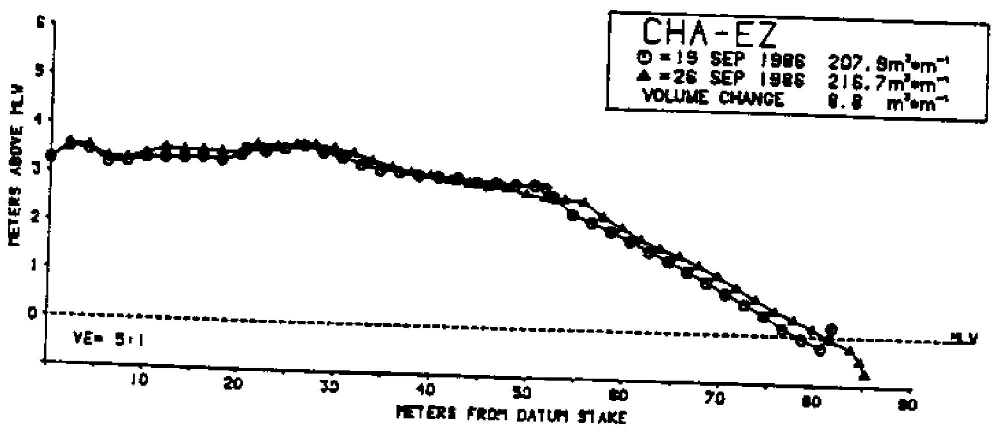
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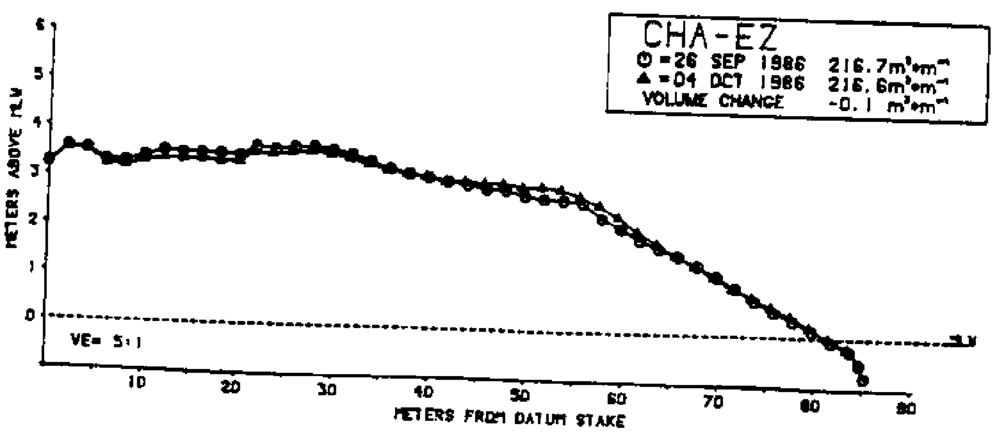
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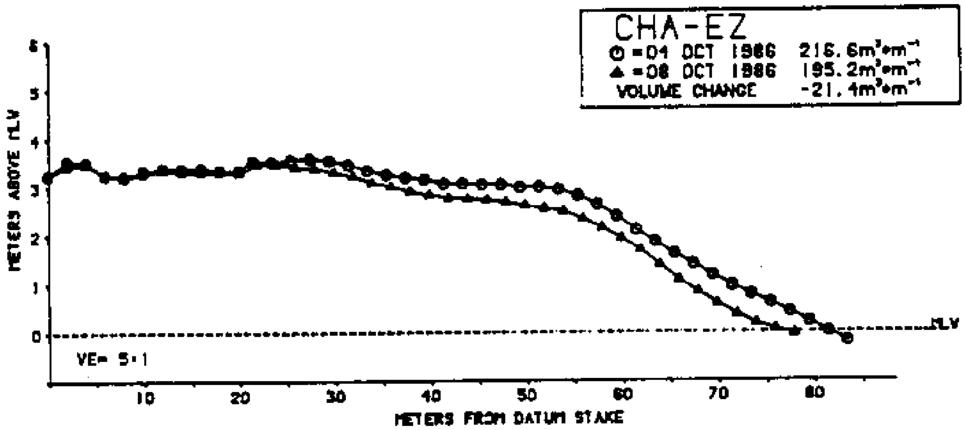
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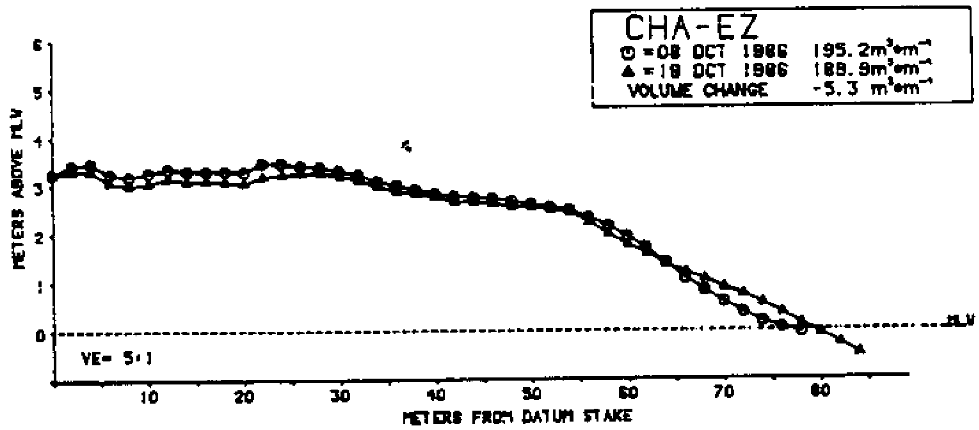
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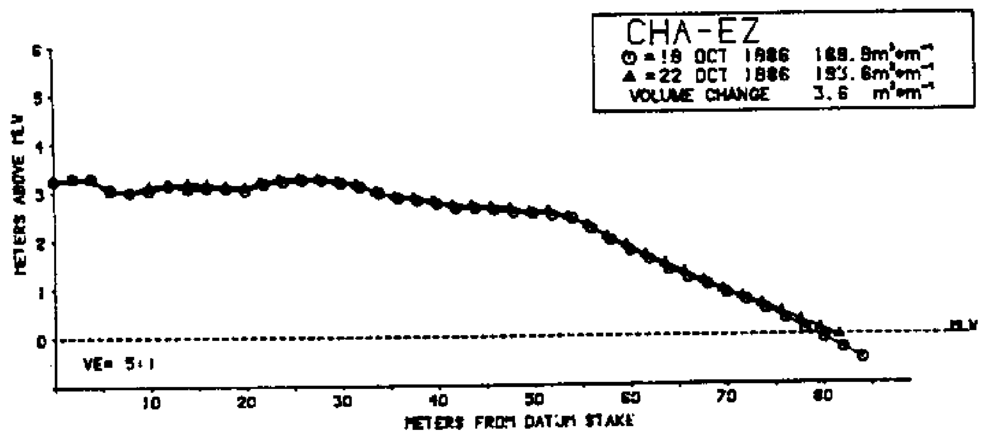
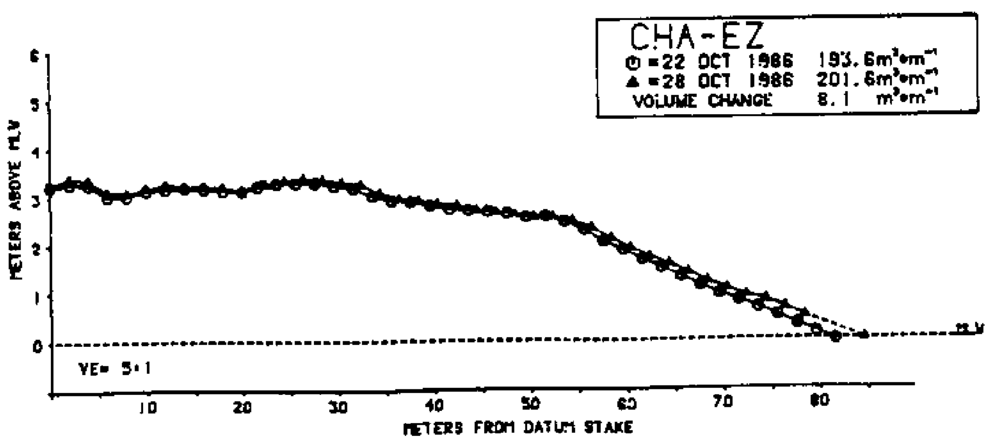
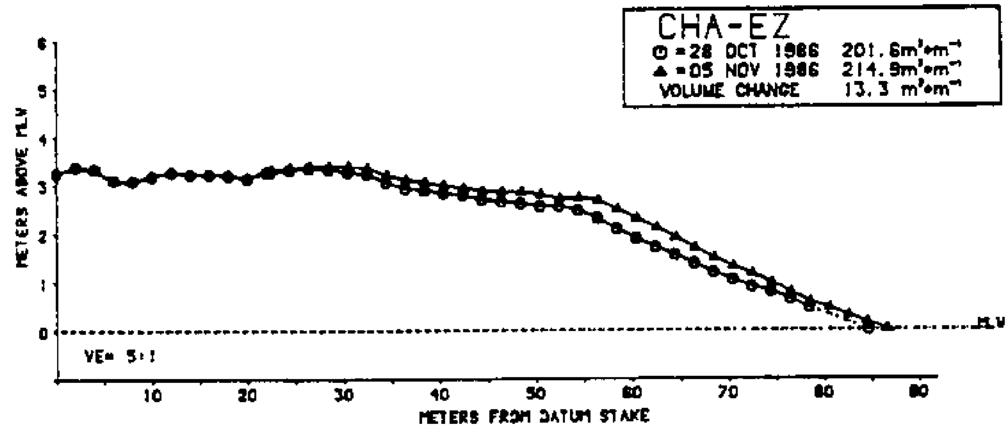
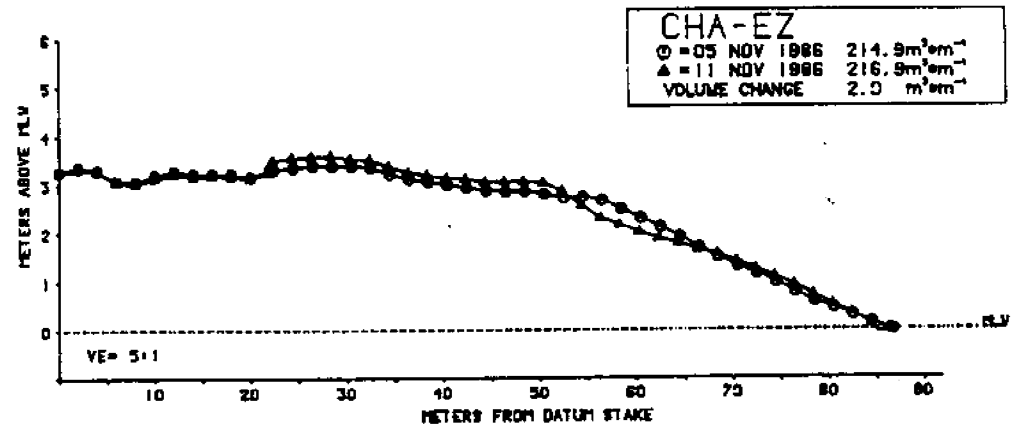
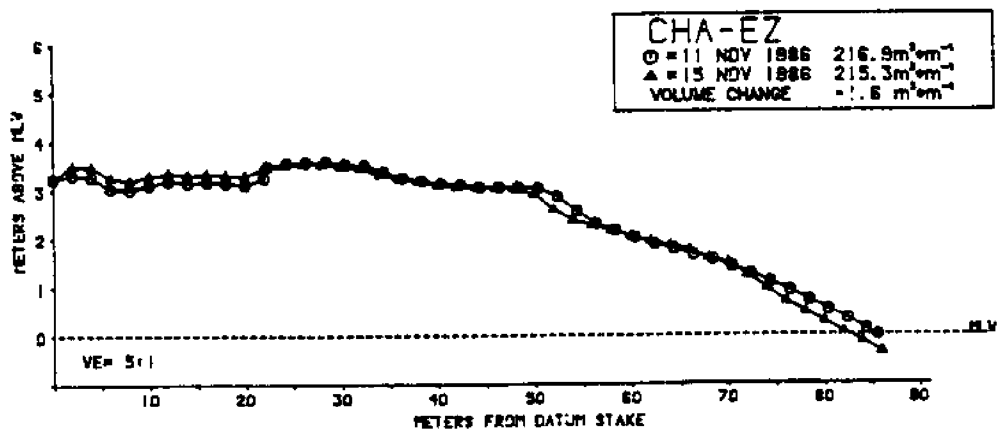
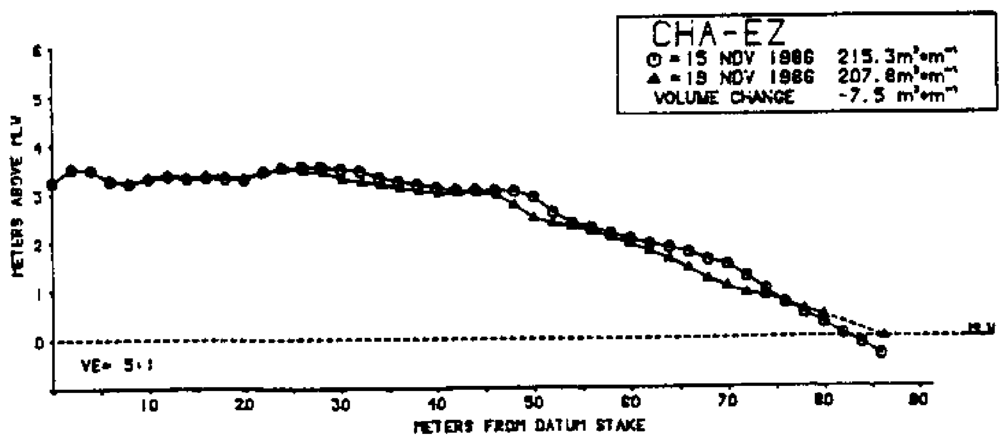

CHA-EZ
⊙ =18 OCT 1986 188.9m³•m⁻¹
▲ =22 OCT 1986 193.6m³•m⁻¹
VOLUME CHANGE 3.6 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

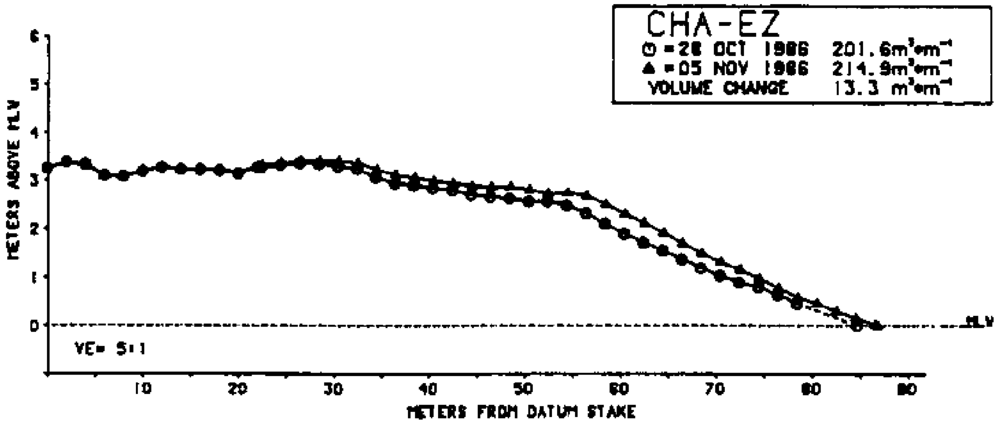

CHA-EZ
⊙ =22 OCT 1986 193.6m³•m⁻¹
▲ =28 OCT 1986 201.6m³•m⁻¹
VOLUME CHANGE 8.1 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

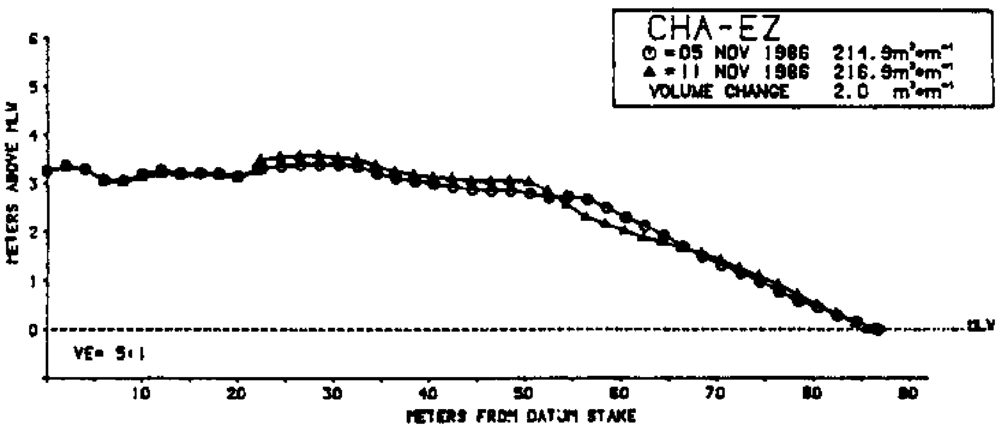

CHA-EZ
○ =28 OCT 1986 201.6$m^3 \cdot m^{-1}$
▲ =05 NOV 1986 214.9$m^3 \cdot m^{-1}$
VOLUME CHANGE 13.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

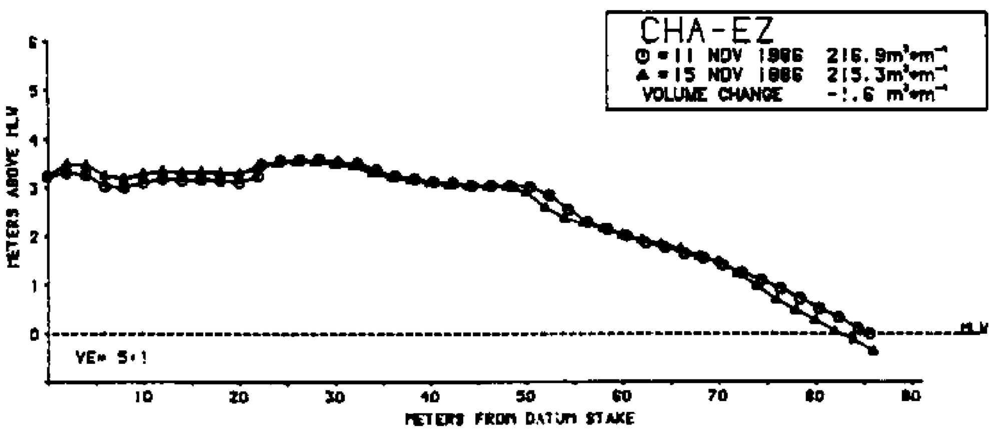

CHA-EZ
○ =05 NOV 1986 214.9$m^3 \cdot m^{-1}$
▲ =11 NOV 1986 216.9$m^3 \cdot m^{-1}$
VOLUME CHANGE 2.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

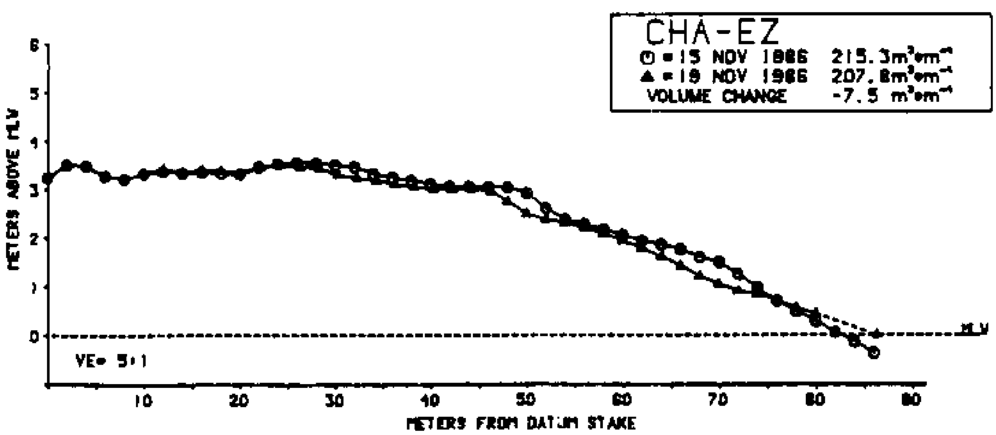

CHA-EZ
○ =11 NOV 1986 216.9$m^3 \cdot m^{-1}$
▲ =15 NOV 1986 215.3$m^3 \cdot m^{-1}$
VOLUME CHANGE -1.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

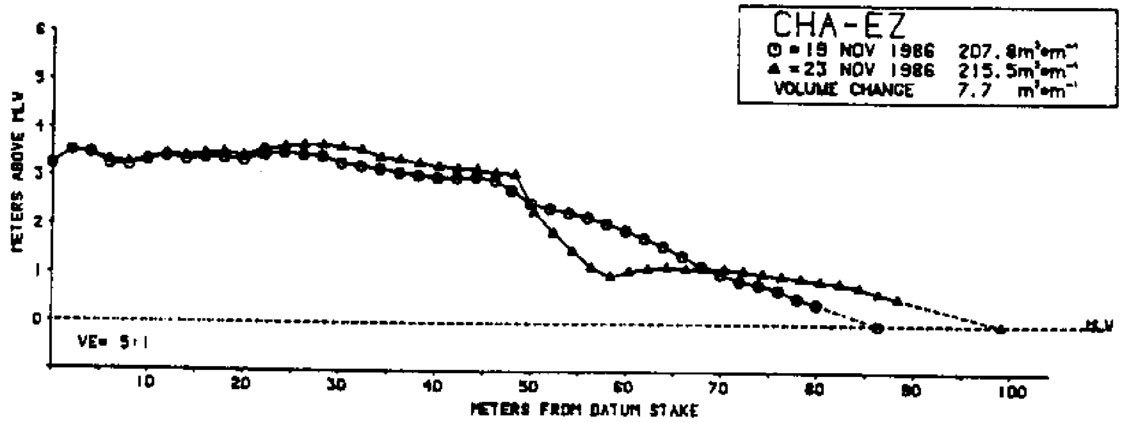

CHA-EZ
○ =15 NOV 1986 215.3$m^3 \cdot m^{-1}$
▲ =19 NOV 1986 207.8$m^3 \cdot m^{-1}$
VOLUME CHANGE -7.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

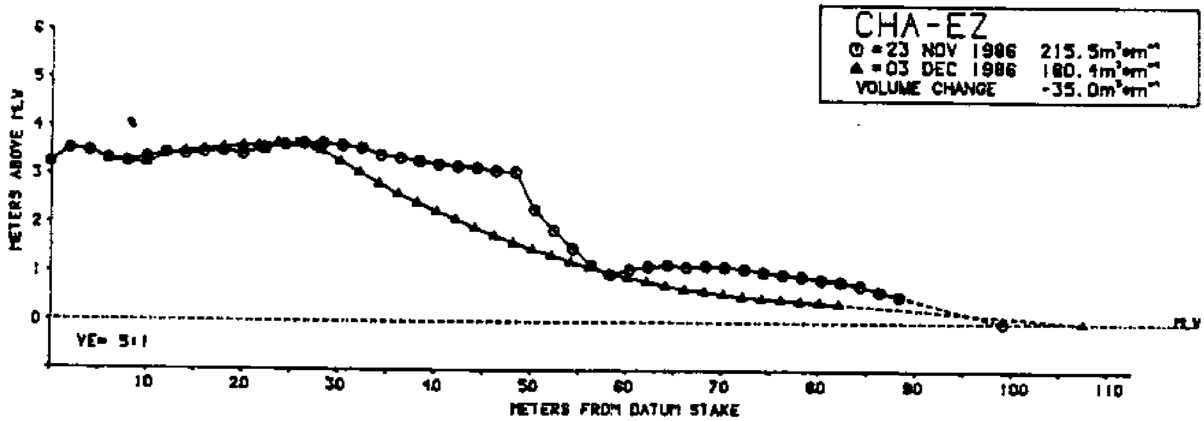

CHA-EZ
⊙ =28 OCT 1986 201.6m^3•m^{-1}
▲ =05 NOV 1986 214.9m^3•m^{-1}
VOLUME CHANGE 13.3 m^3•m^{-1}
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
60
70
80
90
METERS FROM DATUM STAKE

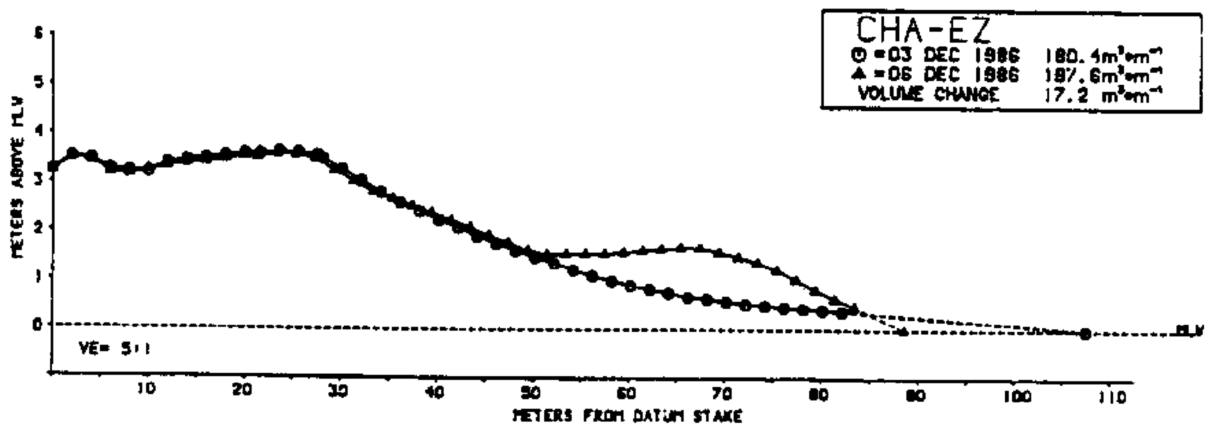

CHA-EZ
⊙ =05 NOV 1986 214.9m^3•m^{-1}
▲ =11 NOV 1986 216.9m^3•m^{-1}
VOLUME CHANGE 2.0 m^3•m^{-1}
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
60
70
80
90
METERS FROM DATUM STAKE

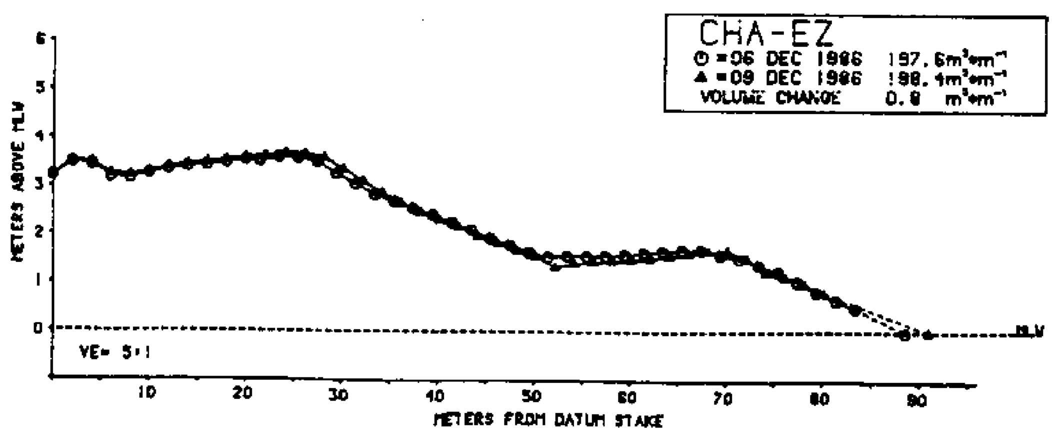

CHA-EZ
⊙ =11 NOV 1986 216.9m^3•m^{-1}
▲ =15 NOV 1986 215.3m^3•m^{-1}
VOLUME CHANGE -1.6 m^3•m^{-1}
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
60
70
80
90
METERS FROM DATUM STAKE

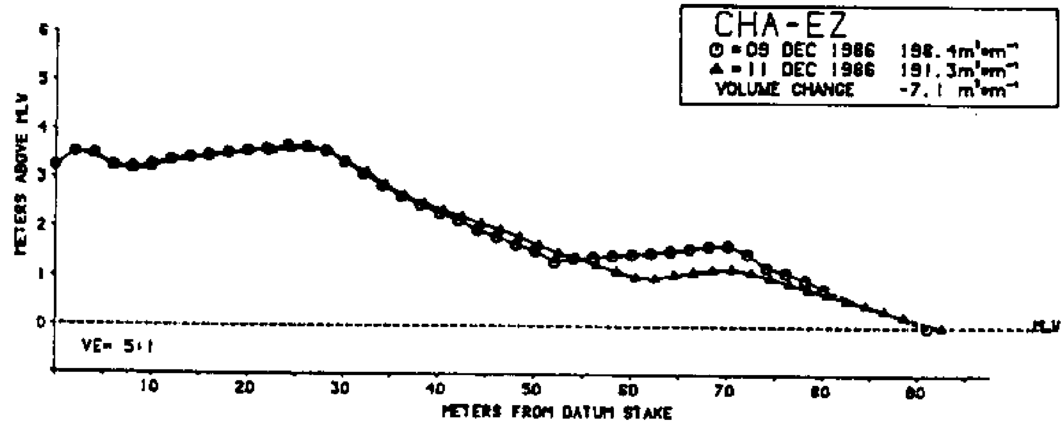

CHA-EZ
⊙ =15 NOV 1986 215.3m^3•m^{-1}
▲ =19 NOV 1986 207.8m^3•m^{-1}
VOLUME CHANGE -7.5 m^3•m^{-1}
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
60
70
80
90
METERS FROM DATUM STAKE

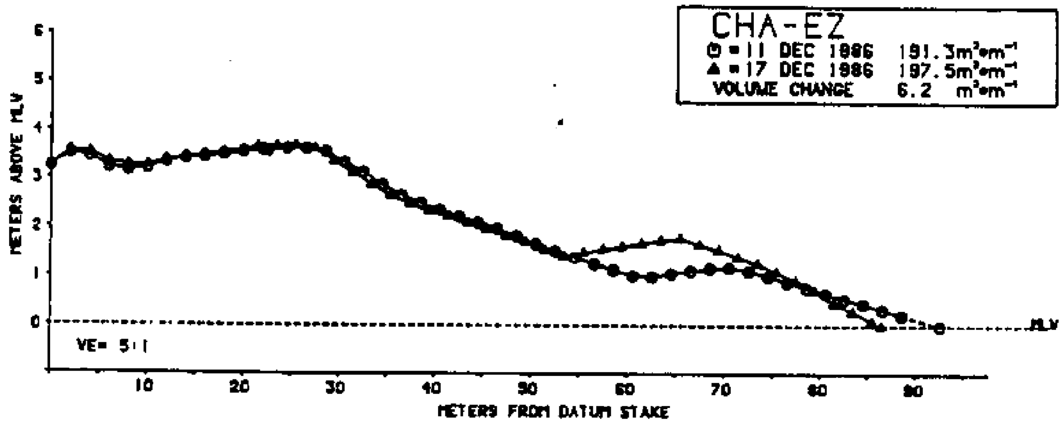

CHA-EZ
⊙ = 19 NOV 1986 207.8 $m^3 \cdot m^{-1}$
▲ = 23 NOV 1986 215.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE 7.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

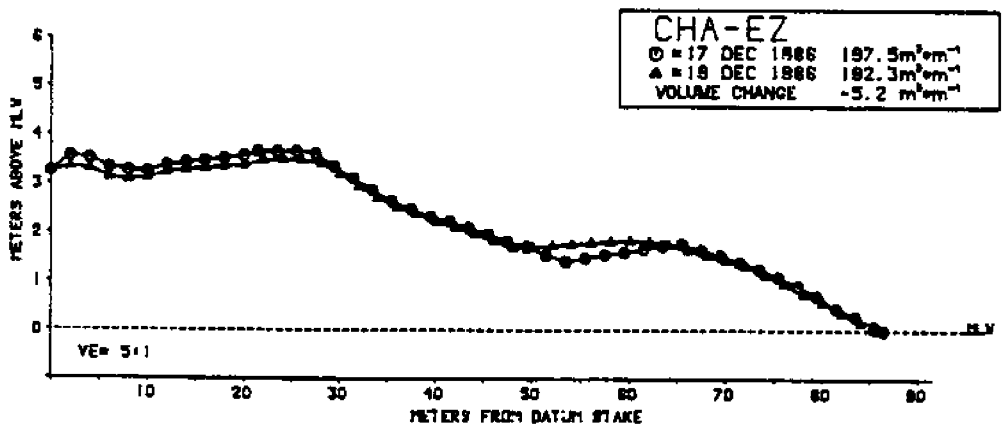

CHA-EZ
⊙ = 23 NOV 1986 215.5 $m^3 \cdot m^{-1}$
▲ = 03 DEC 1986 180.4 $m^3 \cdot m^{-1}$
VOLUME CHANGE -35.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

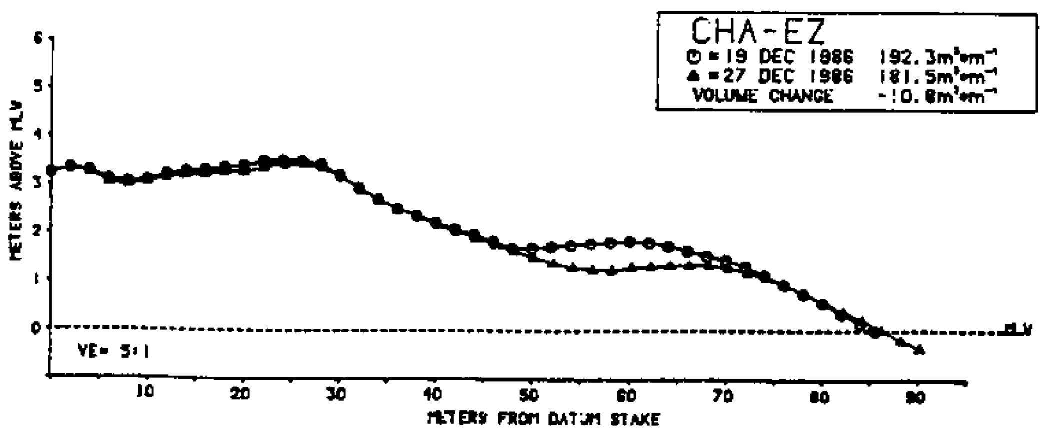

CHA-EZ
⊙ = 03 DEC 1986 180.4 $m^3 \cdot m^{-1}$
▲ = 06 DEC 1986 197.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE 17.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

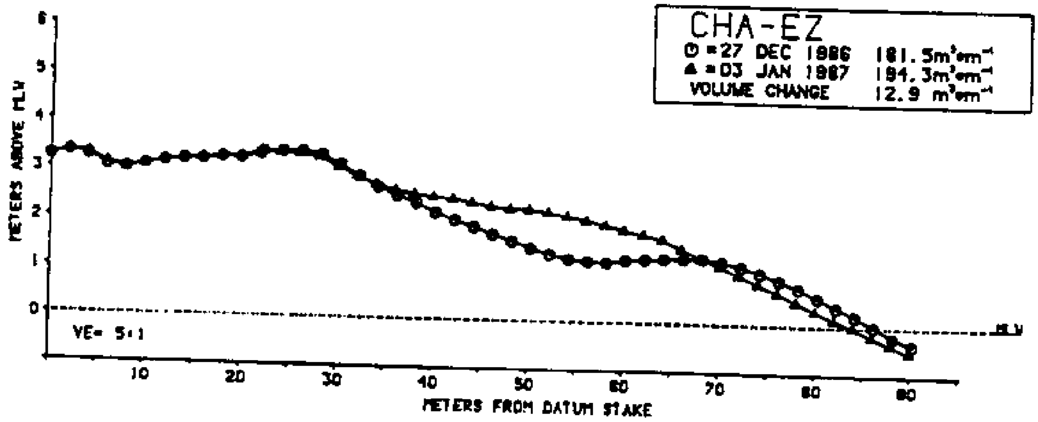

CHA-EZ
⊙ = 06 DEC 1986 197.6 $m^3 \cdot m^{-1}$
▲ = 09 DEC 1986 198.4 $m^3 \cdot m^{-1}$
VOLUME CHANGE 0.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

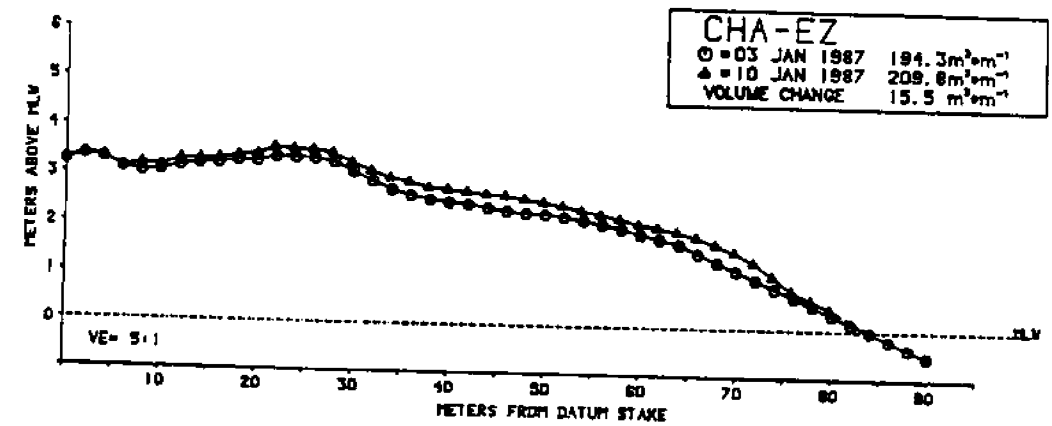

CHA-EZ
⊙ = 09 DEC 1986 198.4 $m^{3} \cdot m^{-1}$
▲ = 11 DEC 1986 191.3 $m^{3} \cdot m^{-1}$
VOLUME CHANGE -7.1 $m^{3} \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

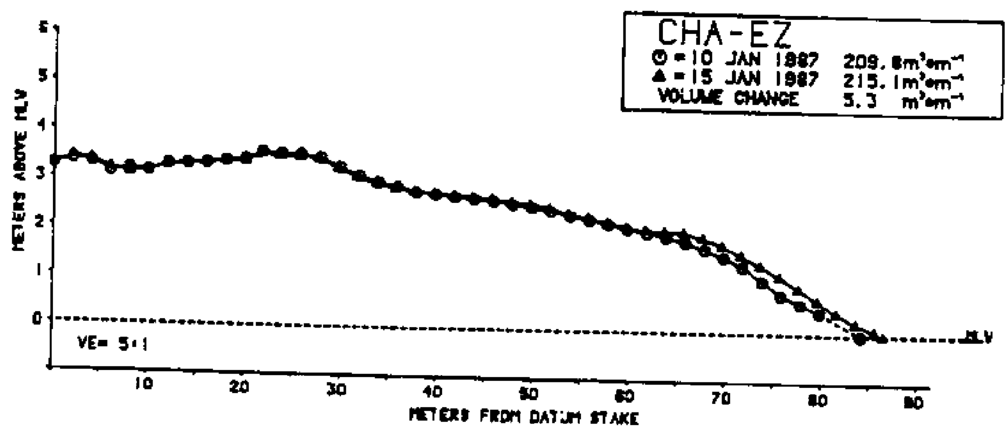

CHA-EZ
⊙ = 11 DEC 1986 191.3 $m^{3} \cdot m^{-1}$
▲ = 17 DEC 1986 197.5 $m^{3} \cdot m^{-1}$
VOLUME CHANGE 6.2 $m^{3} \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

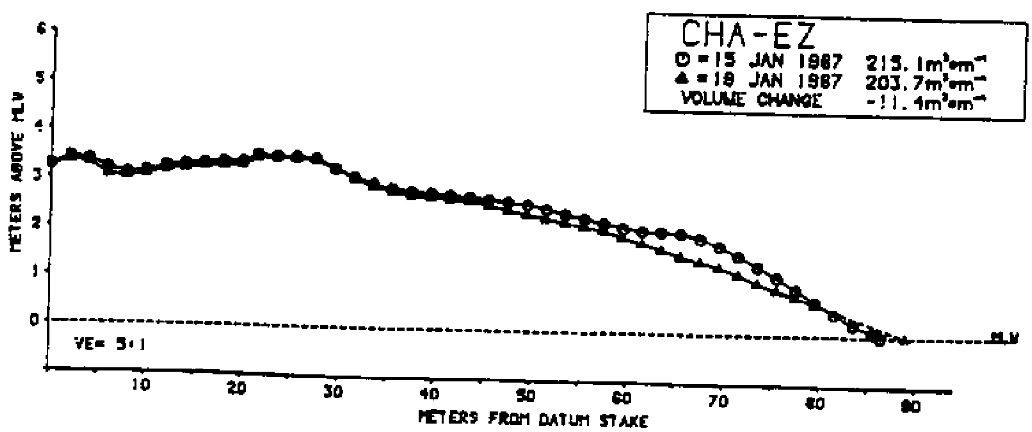

CHA-EZ
⊙ = 17 DEC 1986 197.5 $m^{3} \cdot m^{-1}$
▲ = 19 DEC 1986 192.3 $m^{3} \cdot m^{-1}$
VOLUME CHANGE -5.2 $m^{3} \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

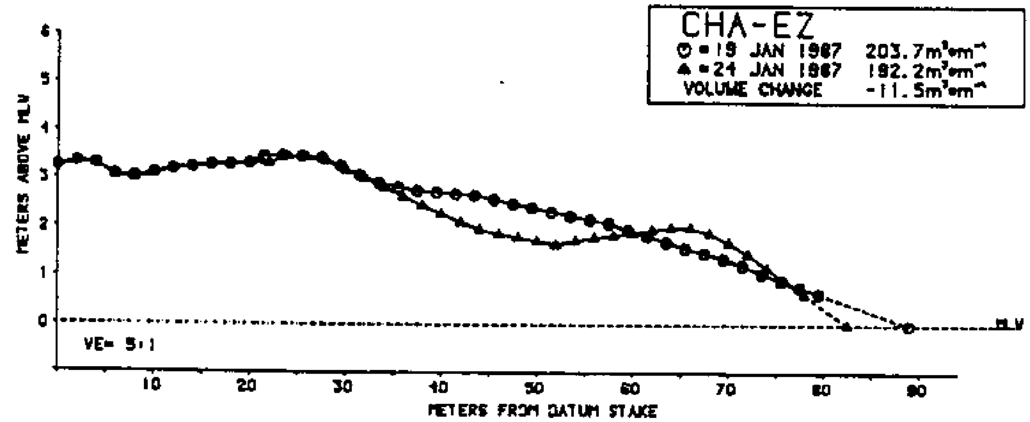

CHA-EZ
⊙ = 19 DEC 1986 192.3 $m^{3} \cdot m^{-1}$
▲ = 27 DEC 1986 181.5 $m^{3} \cdot m^{-1}$
VOLUME CHANGE -10.8 $m^{3} \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

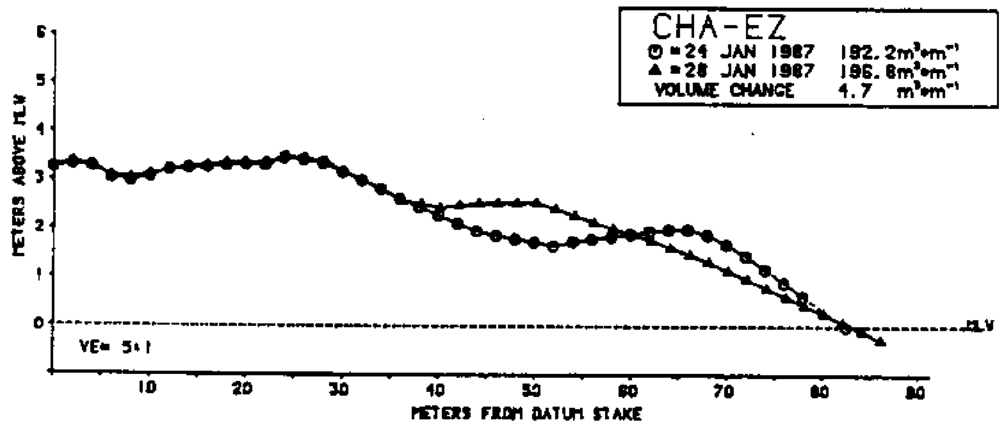

CHA-EZ
⊙ =27 DEC 1986 181.5$m^3 \cdot m^{-1}$
▲ =03 JAN 1987 194.3$m^3 \cdot m^{-1}$
VOLUME CHANGE 12.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

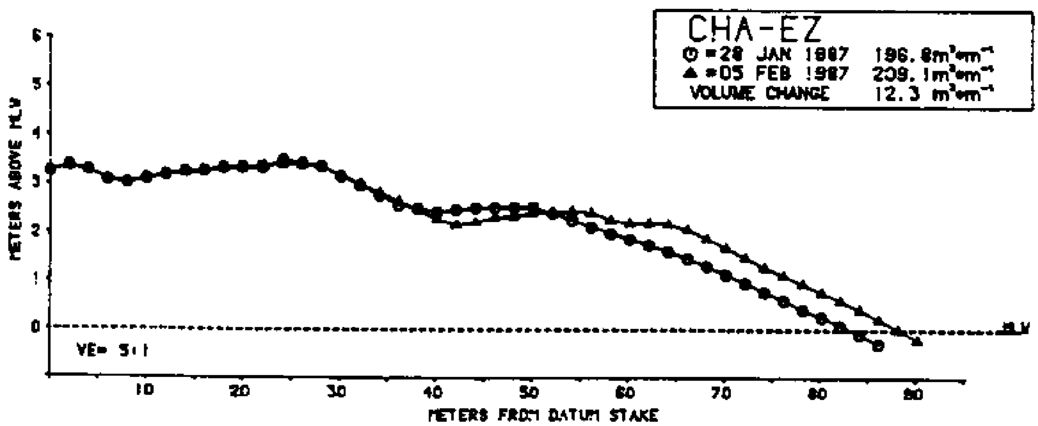

CHA-EZ
⊙ =03 JAN 1987 194.3$m^3 \cdot m^{-1}$
▲ =10 JAN 1987 209.8$m^3 \cdot m^{-1}$
VOLUME CHANGE 15.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

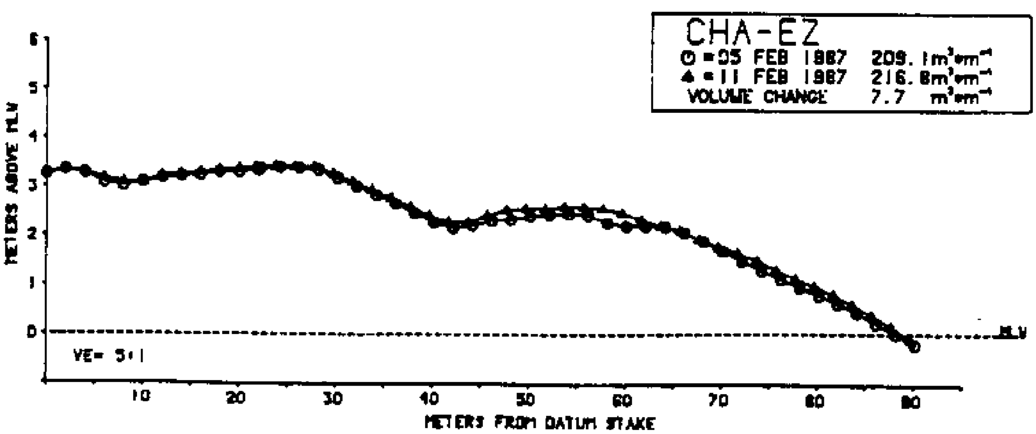

CHA-EZ
⊙ =10 JAN 1987 209.8$m^3 \cdot m^{-1}$
▲ =15 JAN 1987 215.1$m^3 \cdot m^{-1}$
VOLUME CHANGE 5.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

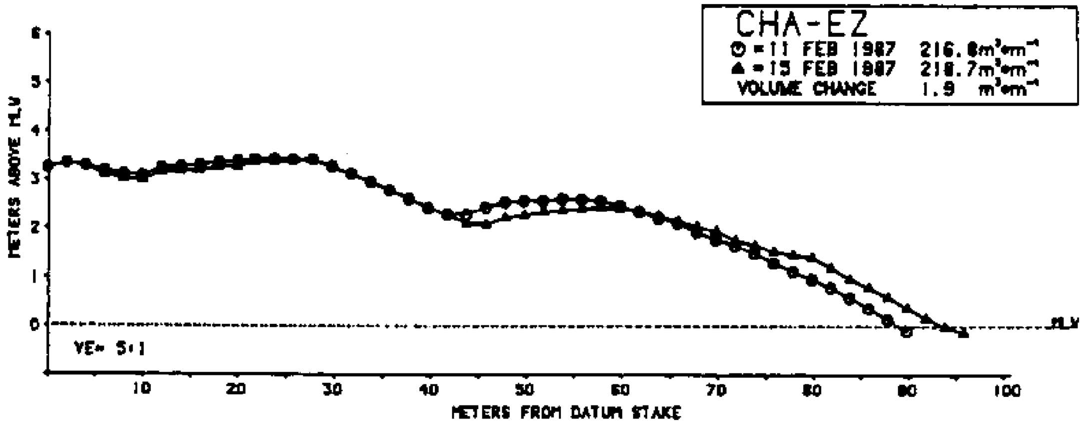

CHA-EZ
⊙ =15 JAN 1987 215.1$m^3 \cdot m^{-1}$
▲ =19 JAN 1987 203.7$m^3 \cdot m^{-1}$
VOLUME CHANGE -11.4$m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

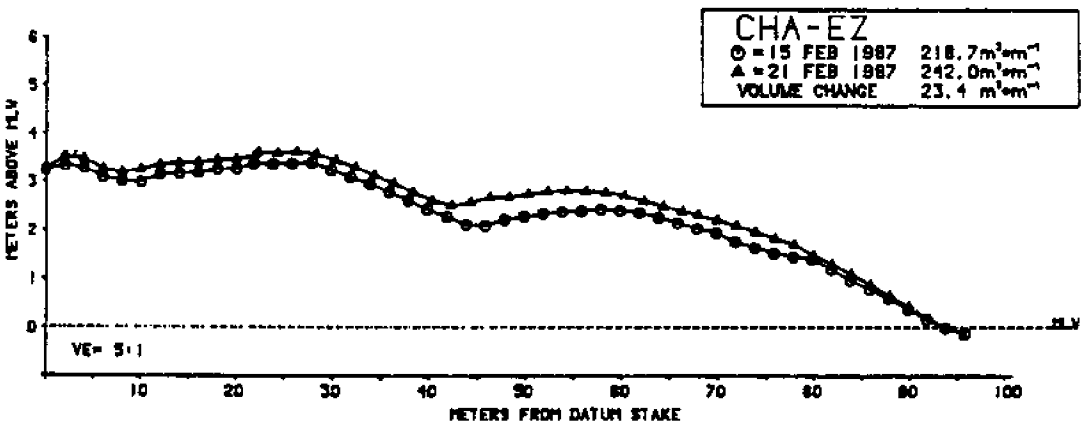

CHA-EZ
⊙ = 19 JAN 1987 203.7 $m^3 \cdot m^{-1}$
▲ = 24 JAN 1987 192.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -11.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

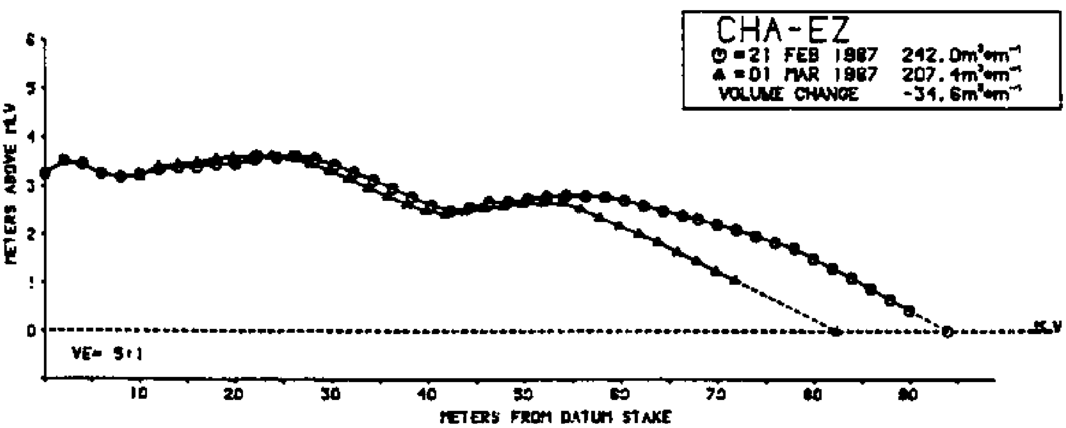

CHA-EZ
⊙ = 24 JAN 1987 192.2 $m^3 \cdot m^{-1}$
▲ = 28 JAN 1987 196.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE 4.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

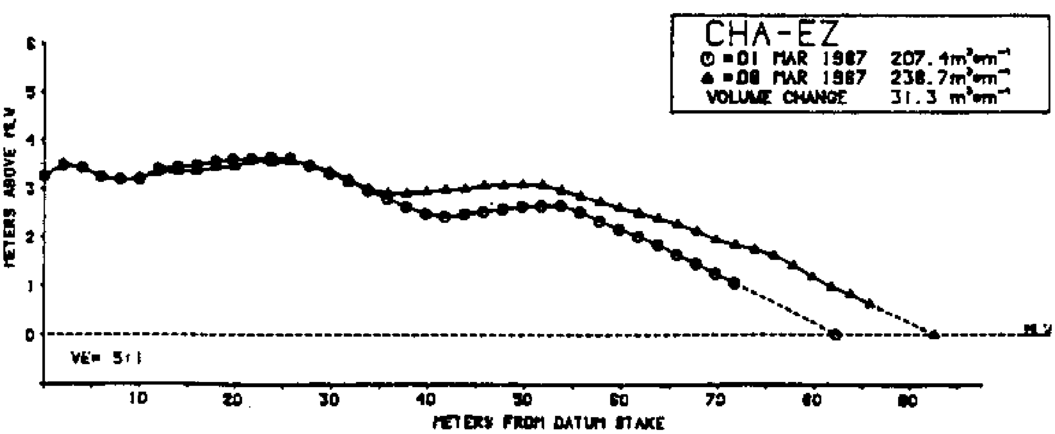

CHA-EZ
⊙ = 28 JAN 1987 196.8 $m^3 \cdot m^{-1}$
▲ = 05 FEB 1987 209.1 $m^3 \cdot m^{-1}$
VOLUME CHANGE 12.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

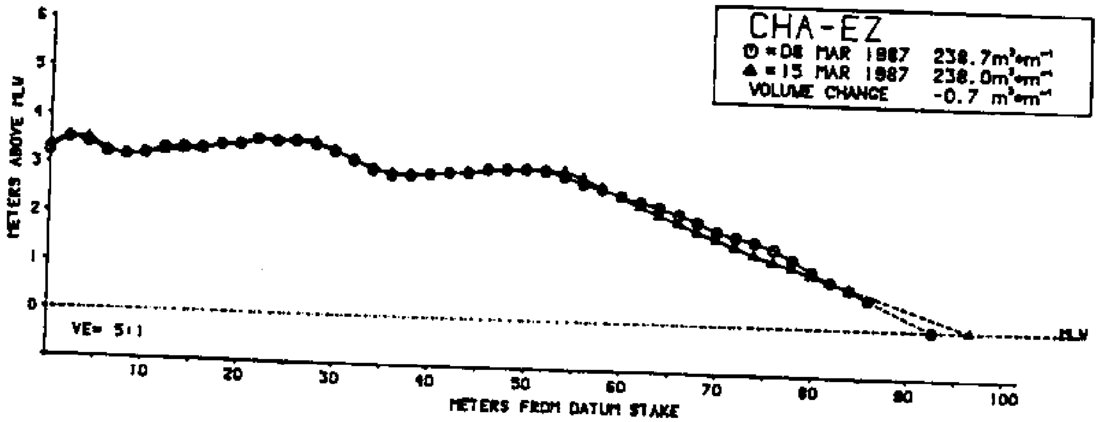

CHA-EZ
⊙ = 05 FEB 1987 209.1 $m^3 \cdot m^{-1}$
▲ = 11 FEB 1987 216.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE 7.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

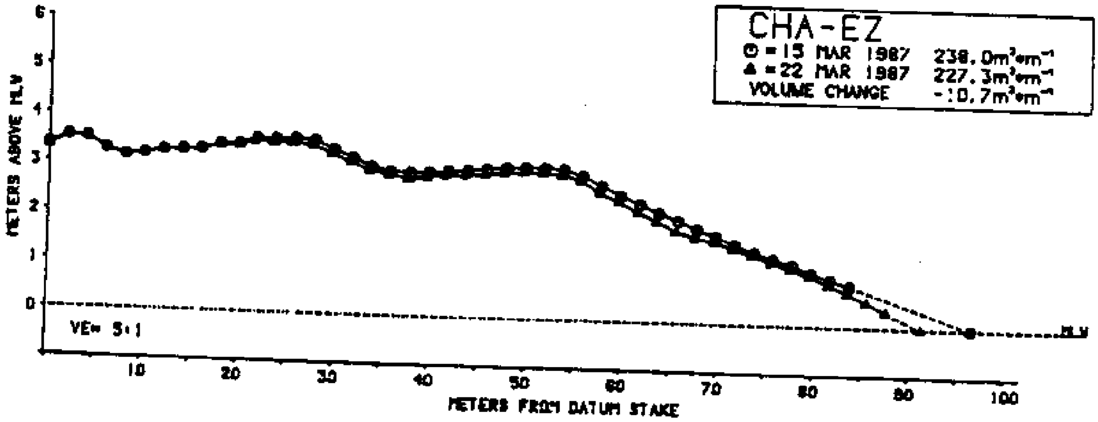

CHA-EZ
⊙ = 11 FEB 1987 216.8 $m^3 \cdot m^{-1}$
▲ = 15 FEB 1987 218.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE 1.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

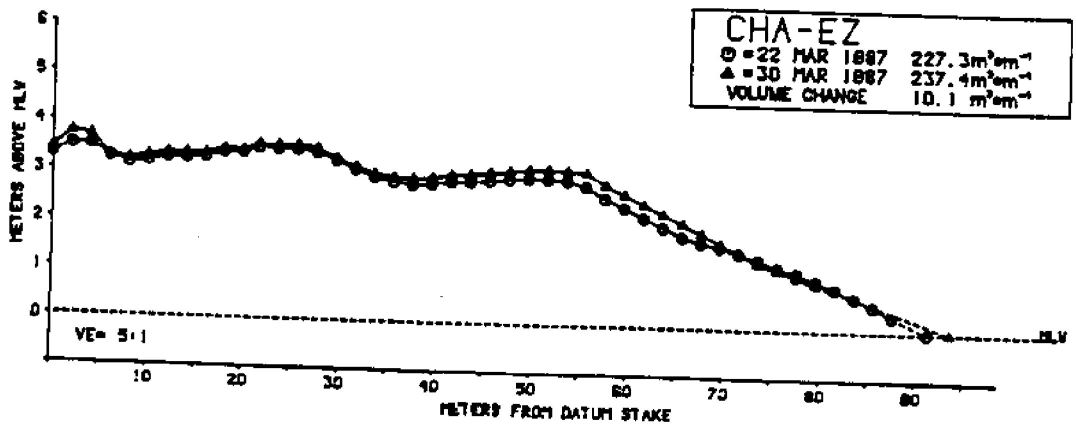

CHA-EZ
⊙ = 15 FEB 1987 218.7 $m^3 \cdot m^{-1}$
▲ = 21 FEB 1987 242.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE 23.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

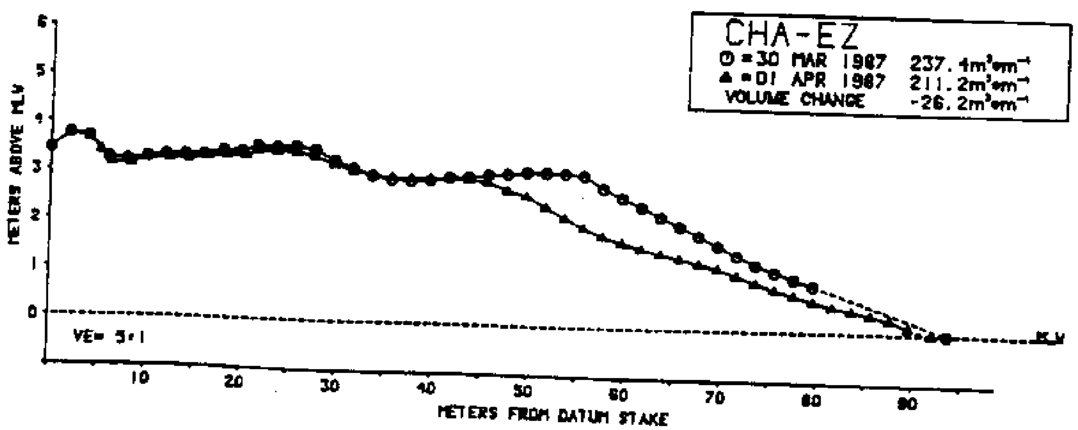

CHA-EZ
⊙ = 21 FEB 1987 242.0 $m^3 \cdot m^{-1}$
▲ = 01 MAR 1987 207.4 $m^3 \cdot m^{-1}$
VOLUME CHANGE -34.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

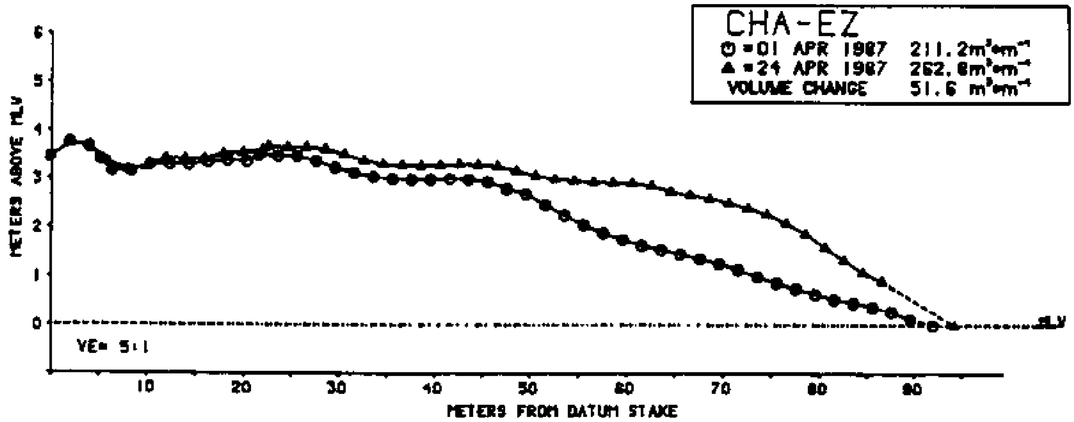

CHA-EZ
⊙ = 01 MAR 1987 207.4 $m^3 \cdot m^{-1}$
▲ = 08 MAR 1987 238.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE 31.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

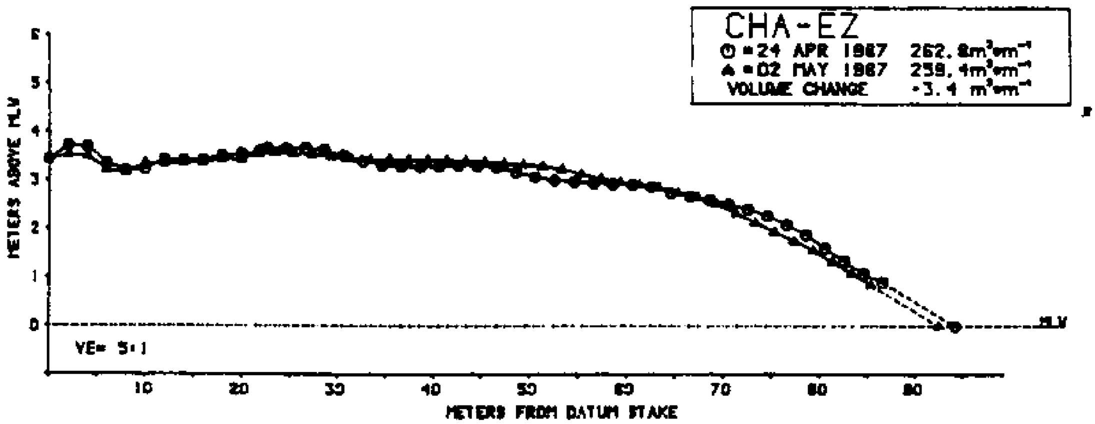

CHA-EZ
⊙ =08 MAR 1987 238.7m³•m⁻¹
▲ =15 MAR 1987 238.0m³•m⁻¹
VOLUME CHANGE -0.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

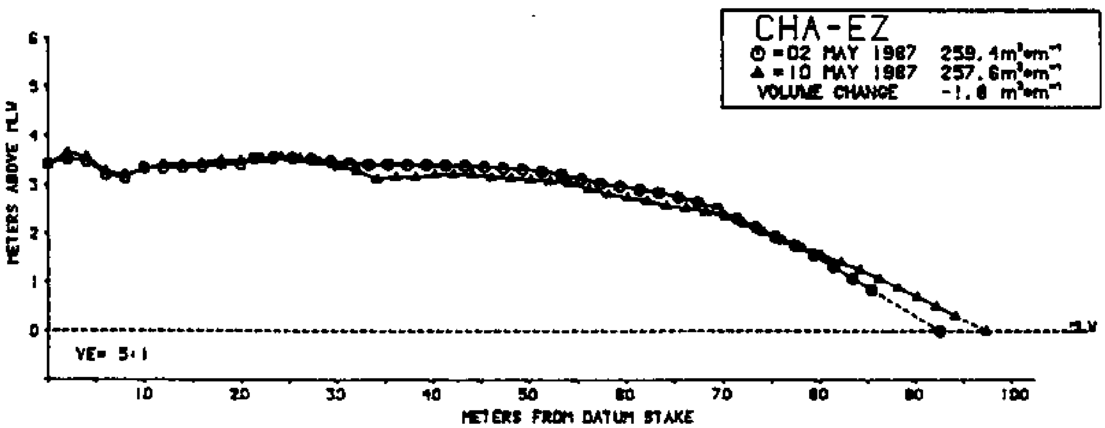

CHA-EZ
⊙ =15 MAR 1987 238.0m³•m⁻¹
▲ =22 MAR 1987 227.3m³•m⁻¹
VOLUME CHANGE -10.7m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

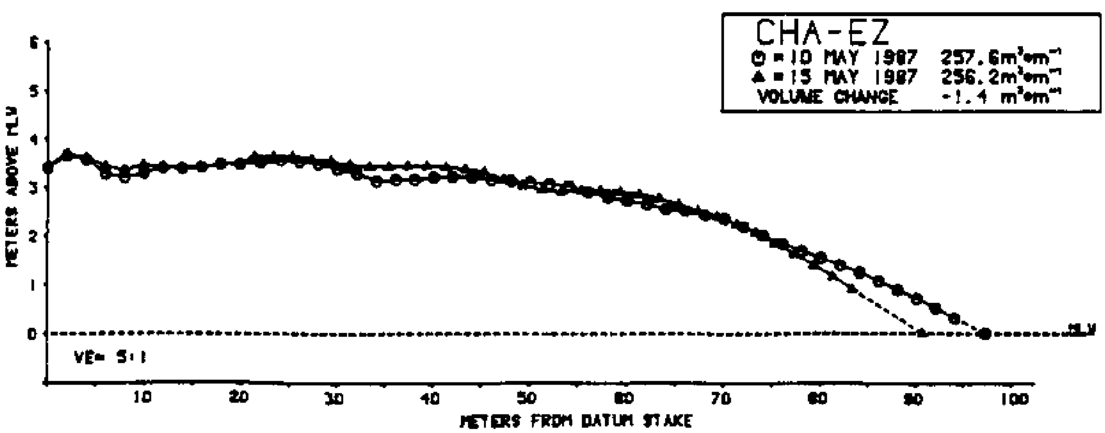

CHA-EZ
⊙ =22 MAR 1987 227.3m³•m⁻¹
▲ =30 MAR 1987 237.4m³•m⁻¹
VOLUME CHANGE 10.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

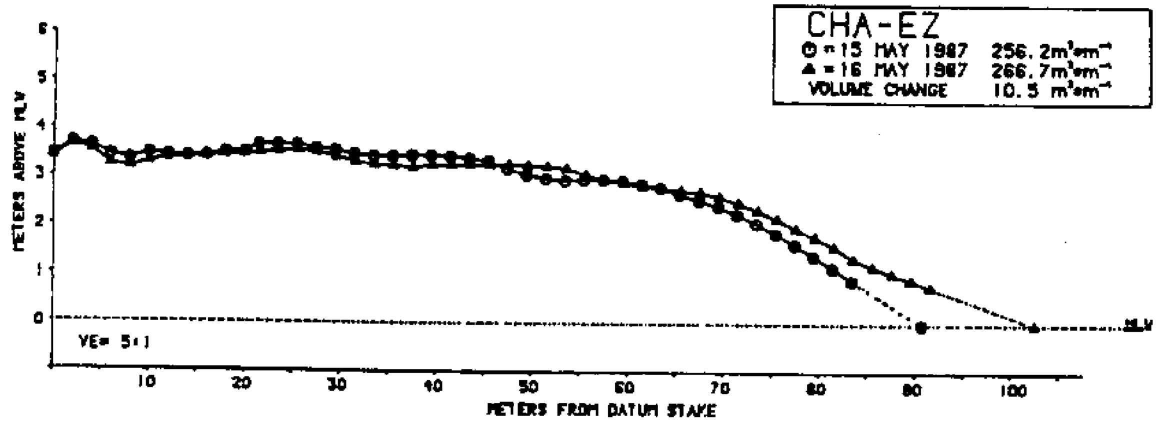

CHA-EZ
⊙ =30 MAR 1987 237.4m³•m⁻¹
▲ =01 APR 1987 211.2m³•m⁻¹
VOLUME CHANGE -26.2m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

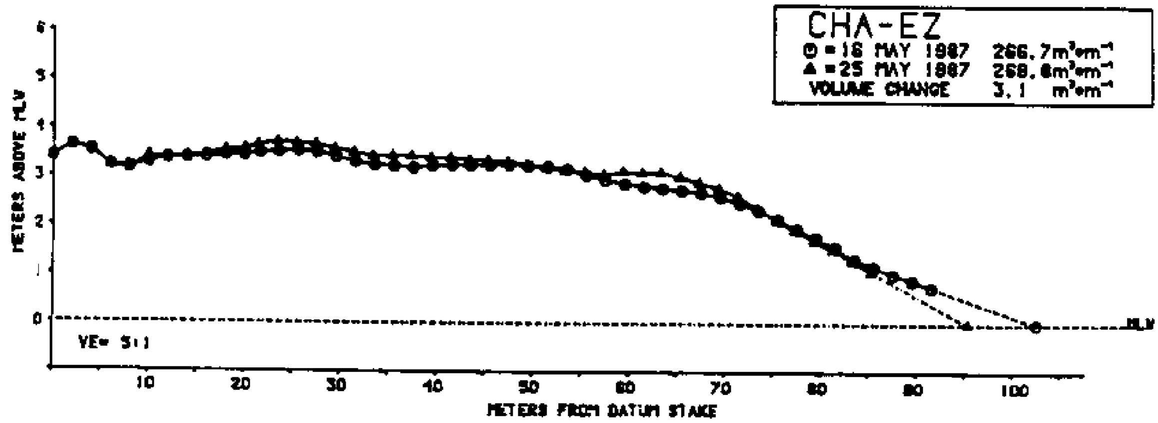

CHA-EZ
○ = 01 APR 1987 211.2$m^3 m^{-1}$
▲ = 24 APR 1987 262.8$m^3 m^{-1}$
VOLUME CHANGE 51.6 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

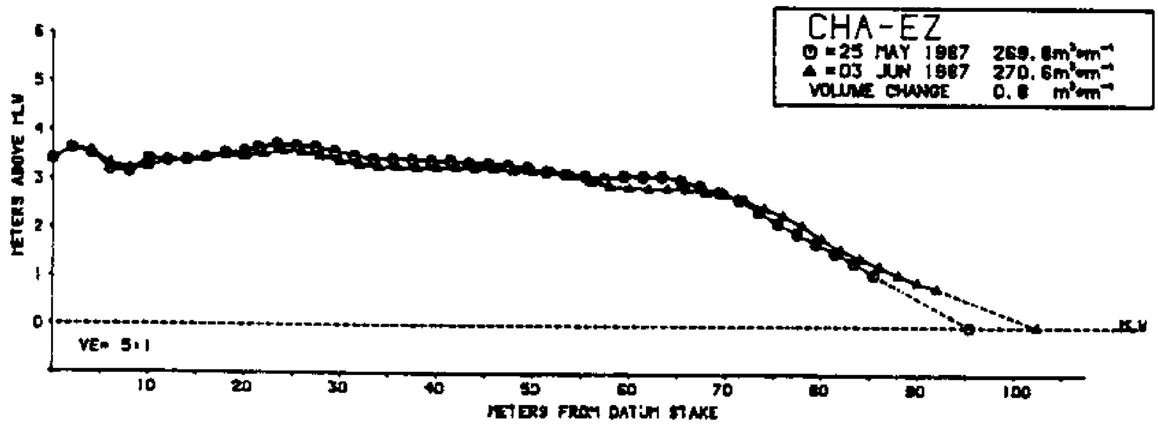

CHA-EZ
○ = 24 APR 1987 262.8$m^3 m^{-1}$
▲ = 02 MAY 1987 259.4$m^3 m^{-1}$
VOLUME CHANGE -3.4 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

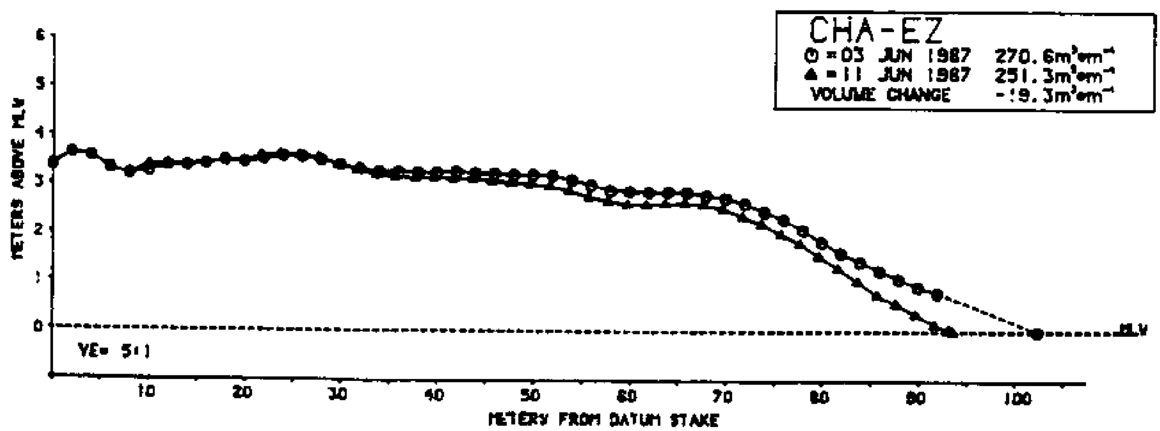

CHA-EZ
○ = 02 MAY 1987 259.4$m^3 m^{-1}$
▲ = 10 MAY 1987 257.6$m^3 m^{-1}$
VOLUME CHANGE -1.8 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

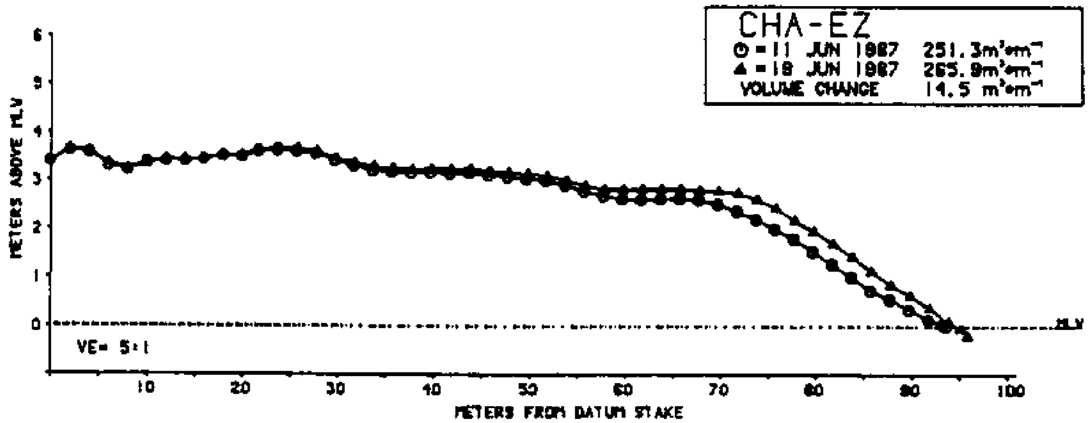

CHA-EZ
○ = 10 MAY 1987 257.6$m^3 m^{-1}$
▲ = 15 MAY 1987 256.2$m^3 m^{-1}$
VOLUME CHANGE -1.4 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

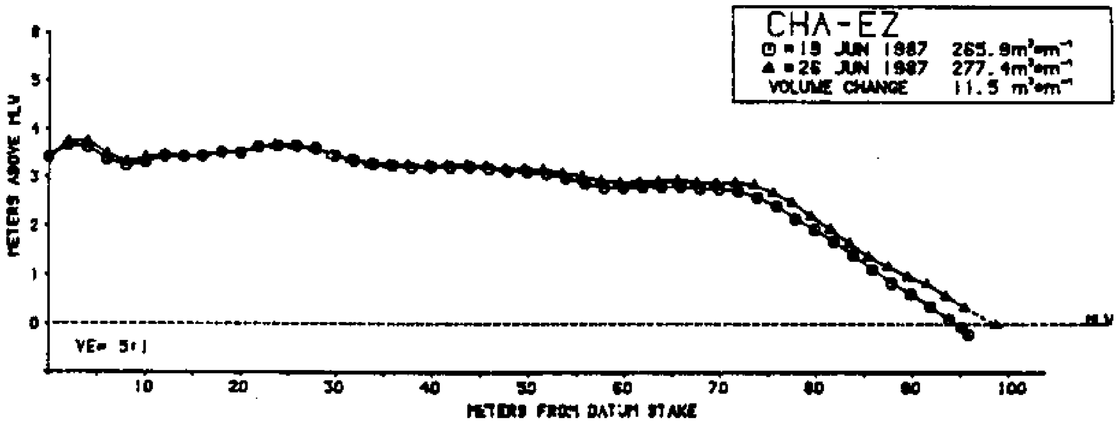

CHA-EZ
⊙ = 15 MAY 1987 256.2m³•m⁻¹
▲ = 16 MAY 1987 266.7m³•m⁻¹
VOLUME CHANGE 10.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

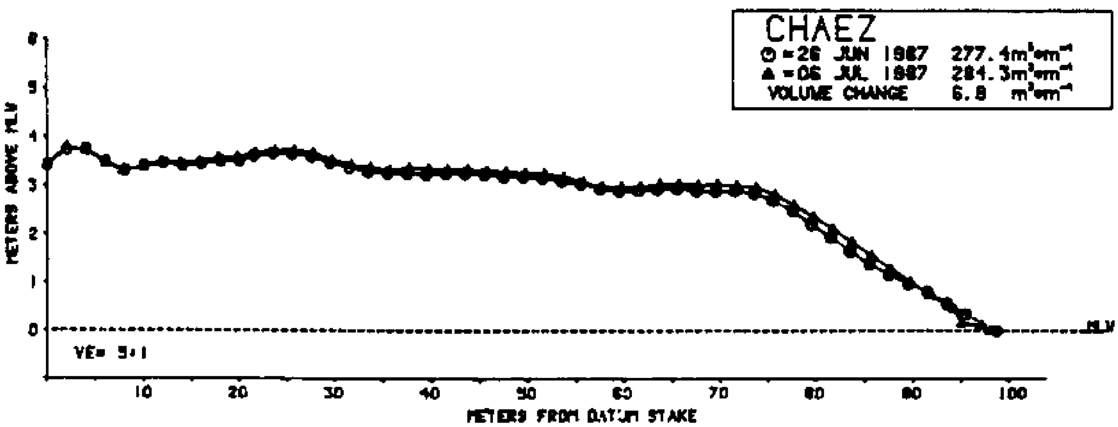

CHA-EZ
⊙ = 16 MAY 1987 266.7m³•m⁻¹
▲ = 25 MAY 1987 269.8m³•m⁻¹
VOLUME CHANGE 3.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

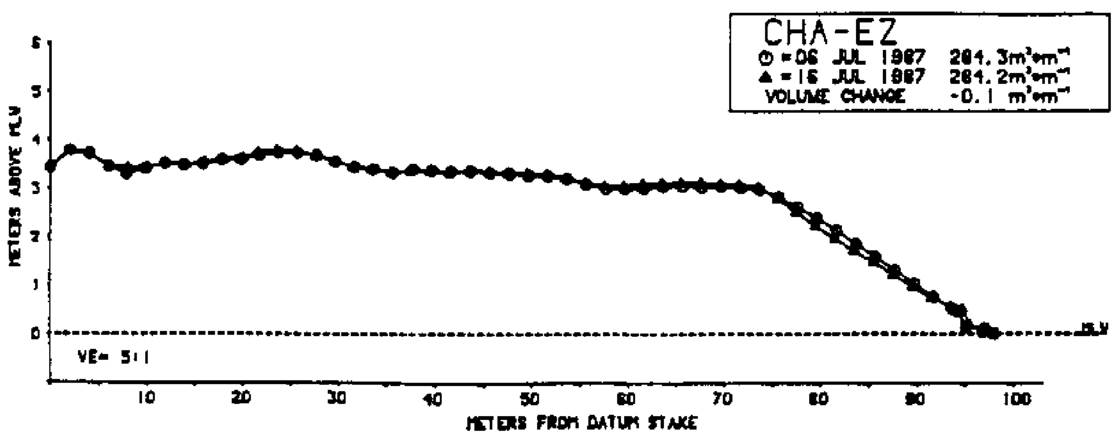

CHA-EZ
⊙ = 25 MAY 1987 269.8m³•m⁻¹
▲ = 03 JUN 1987 270.6m³•m⁻¹
VOLUME CHANGE 0.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

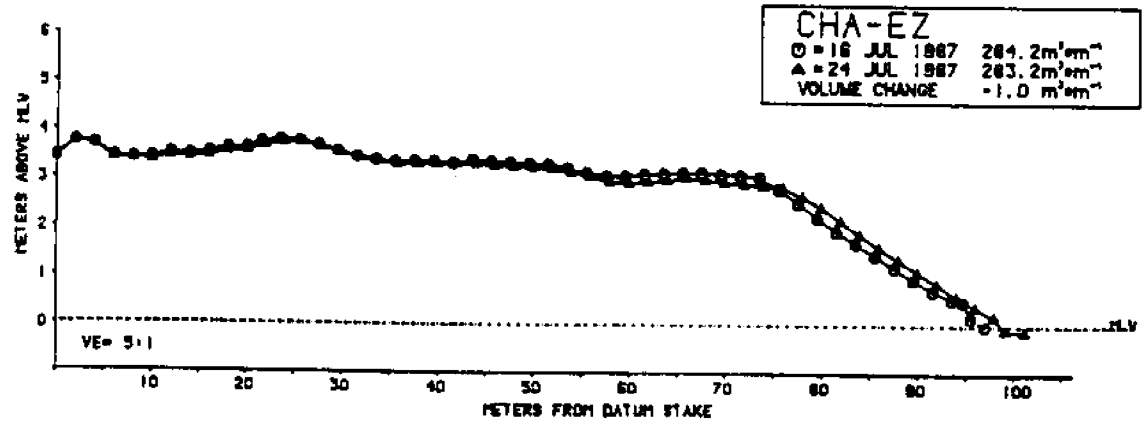

CHA-EZ
⊙ = 03 JUN 1987 270.6m³•m⁻¹
▲ = 11 JUN 1987 251.3m³•m⁻¹
VOLUME CHANGE -19.3m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

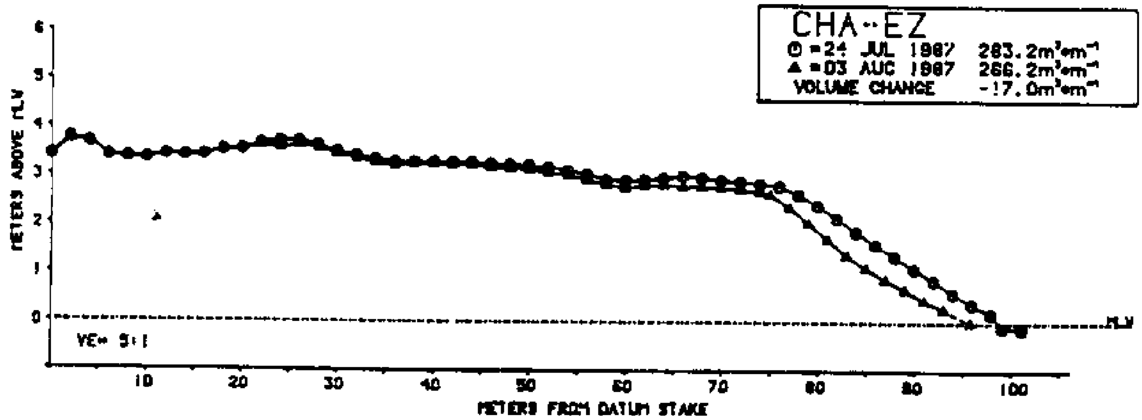

CHA-EZ
⊙ = 11 JUN 1987 251.3m³m⁻¹
▲ = 18 JUN 1987 265.9m³m⁻¹
VOLUME CHANGE 14.5 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

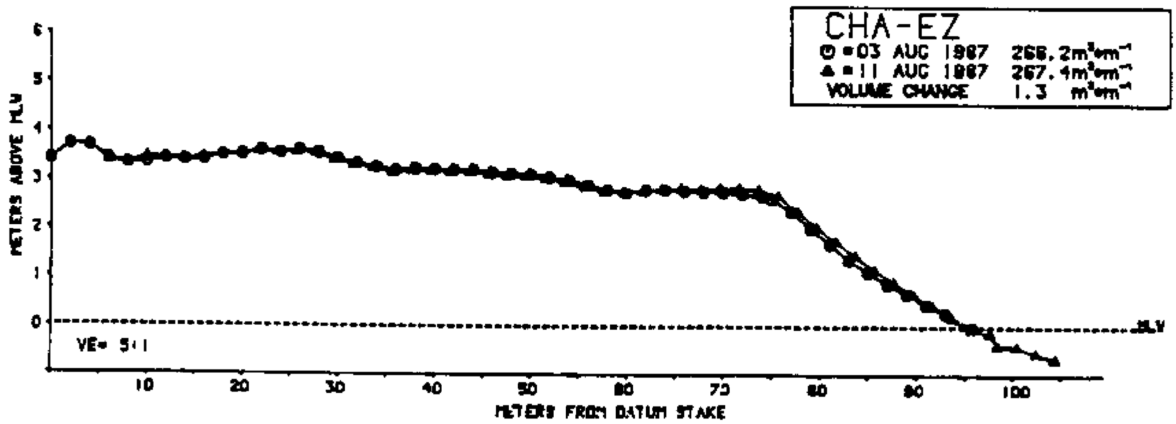

CHA-EZ
⊙ = 18 JUN 1987 265.9m³m⁻¹
▲ = 26 JUN 1987 277.4m³m⁻¹
VOLUME CHANGE 11.5 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

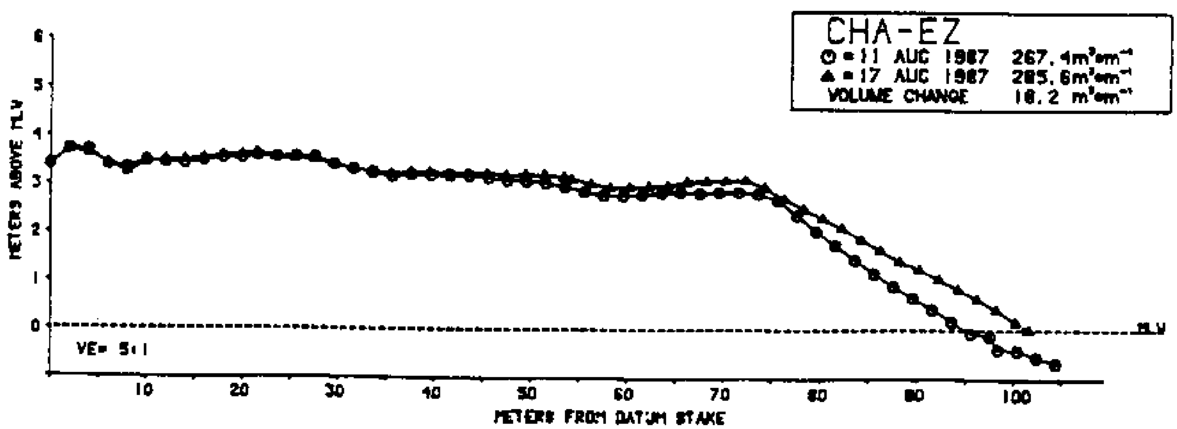

CHAEZ
⊙ = 26 JUN 1987 277.4m³m⁻¹
▲ = 06 JUL 1987 284.3m³m⁻¹
VOLUME CHANGE 6.8 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

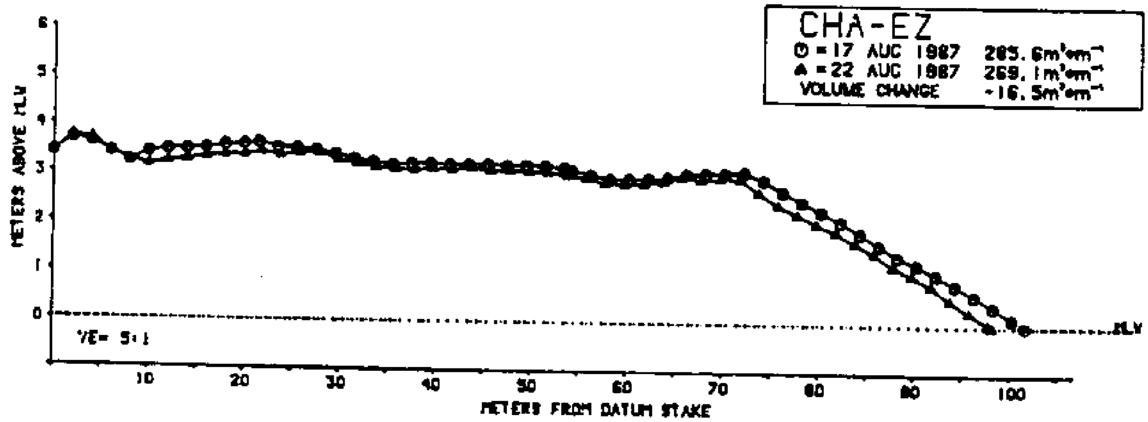

CHA-EZ
⊙ = 06 JUL 1987 284.3m³m⁻¹
▲ = 16 JUL 1987 284.2m³m⁻¹
VOLUME CHANGE -0.1 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

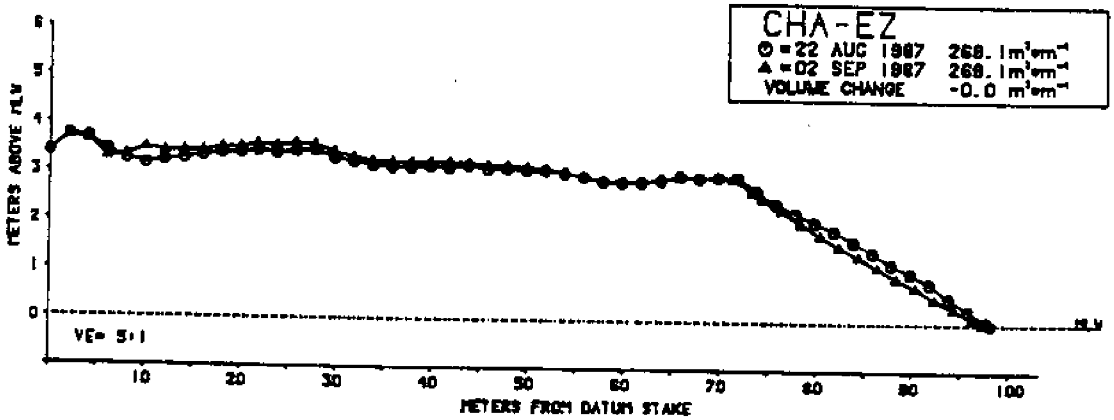

CHA-EZ
⊙ = 16 JUL 1987 284.2m³*m⁻¹
▲ = 24 JUL 1987 283.2m³*m⁻¹
VOLUME CHANGE -1.0 m³*m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

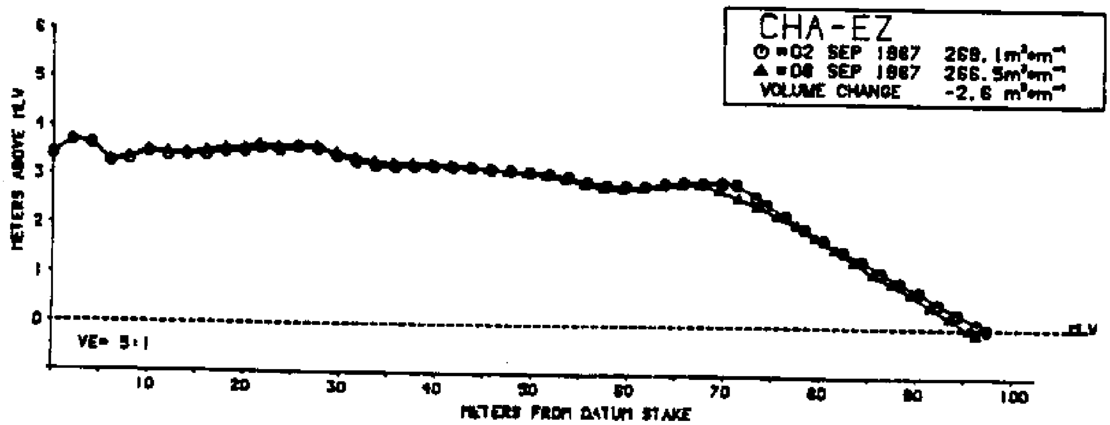

CHA-EZ
⊙ = 24 JUL 1987 283.2m³*m⁻¹
▲ = 03 AUG 1987 266.2m³*m⁻¹
VOLUME CHANGE -17.0m³*m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

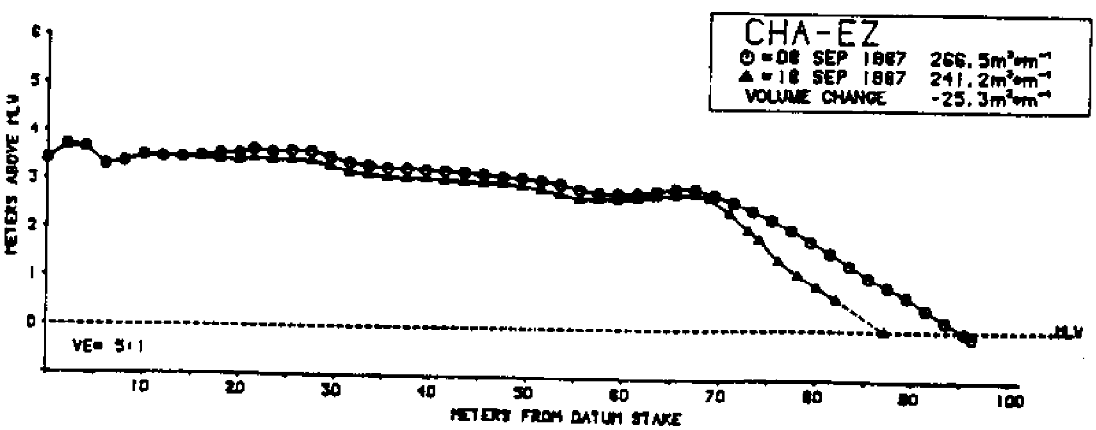

CHA-EZ
⊙ = 03 AUG 1987 266.2m³*m⁻¹
▲ = 11 AUG 1987 267.4m³*m⁻¹
VOLUME CHANGE 1.3 m³*m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

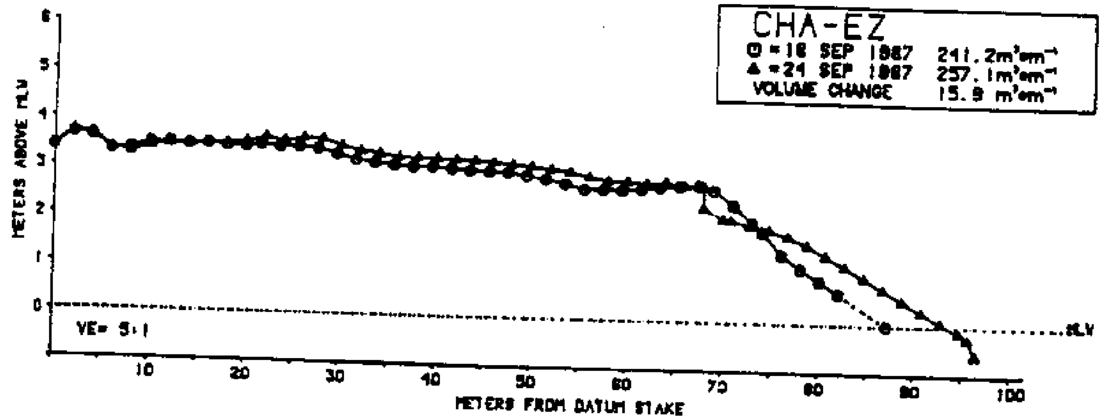

CHA-EZ
⊙ = 11 AUG 1987 267.4m³*m⁻¹
▲ = 17 AUG 1987 285.6m³*m⁻¹
VOLUME CHANGE 18.2 m³*m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

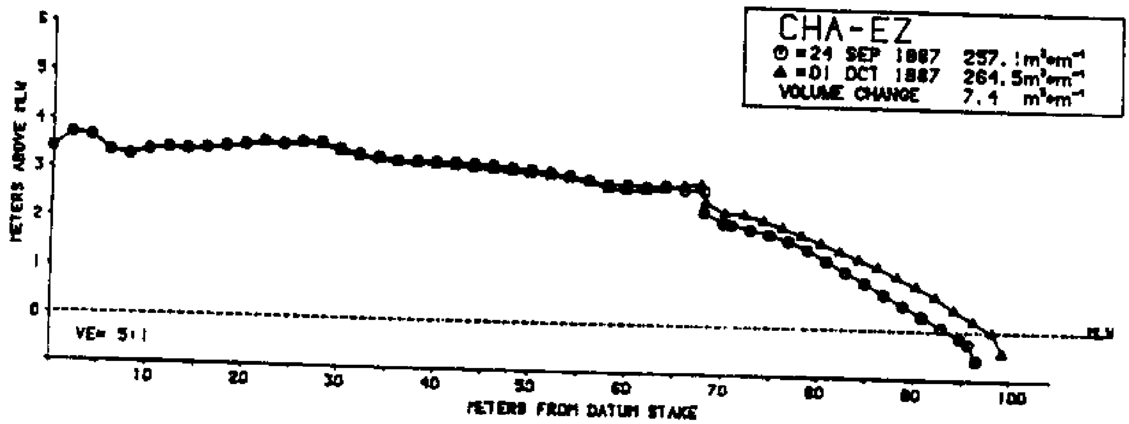

CHA-EZ
⊙ = 17 AUG 1987 285.6m³m⁻¹
▲ = 22 AUG 1987 269.1m³m⁻¹
VOLUME CHANGE -16.5m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

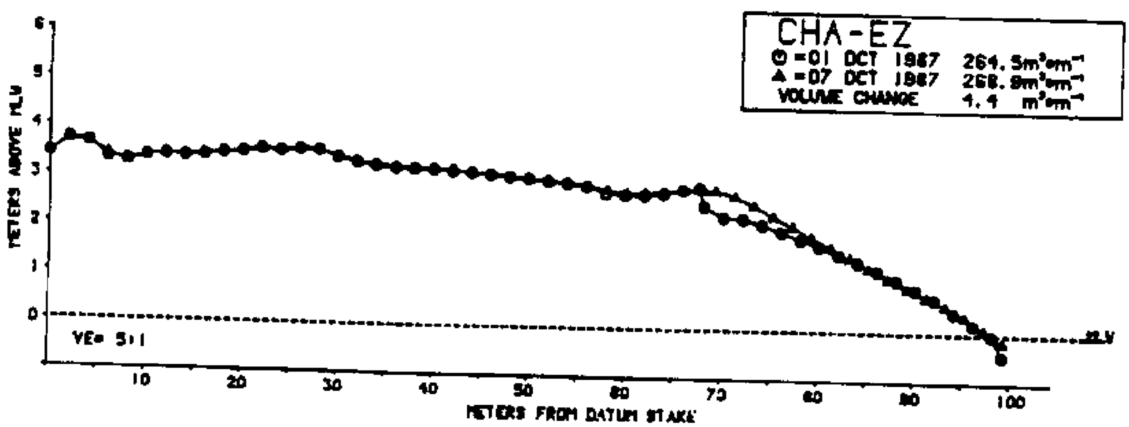

CHA-EZ
⊙ = 22 AUG 1987 268.1m³m⁻¹
▲ = 02 SEP 1987 268.1m³m⁻¹
VOLUME CHANGE -0.0 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

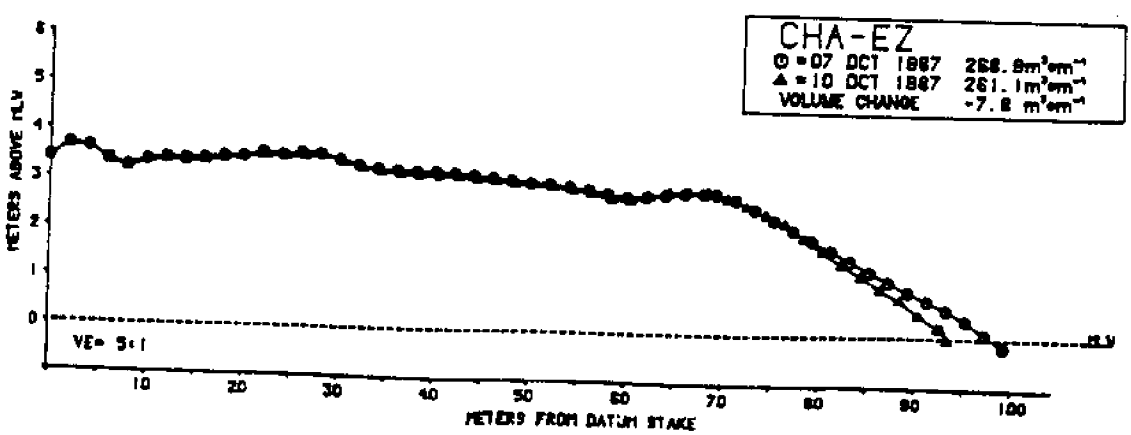

CHA-EZ
⊙ = 02 SEP 1987 268.1m³m⁻¹
▲ = 08 SEP 1987 266.5m³m⁻¹
VOLUME CHANGE -2.6 m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

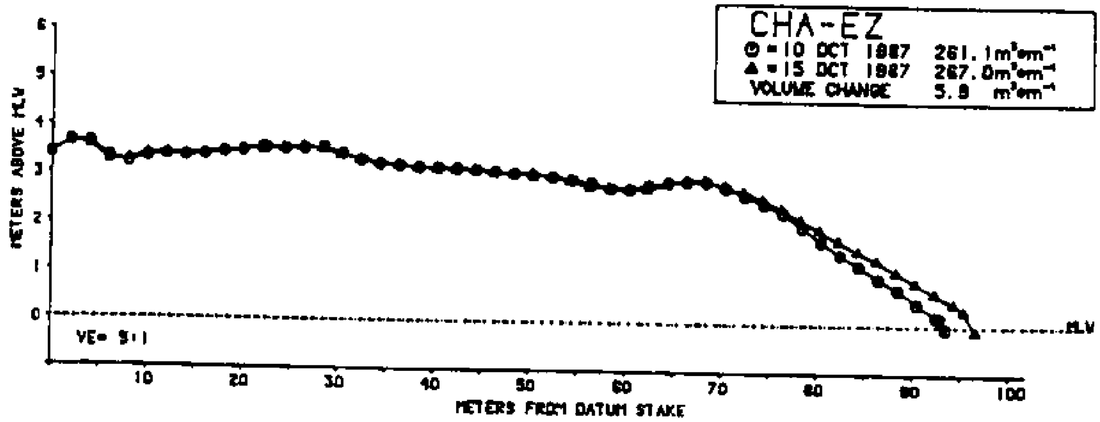

CHA-EZ
⊙ = 08 SEP 1987 266.5m³m⁻¹
▲ = 18 SEP 1987 241.2m³m⁻¹
VOLUME CHANGE -25.3m³m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

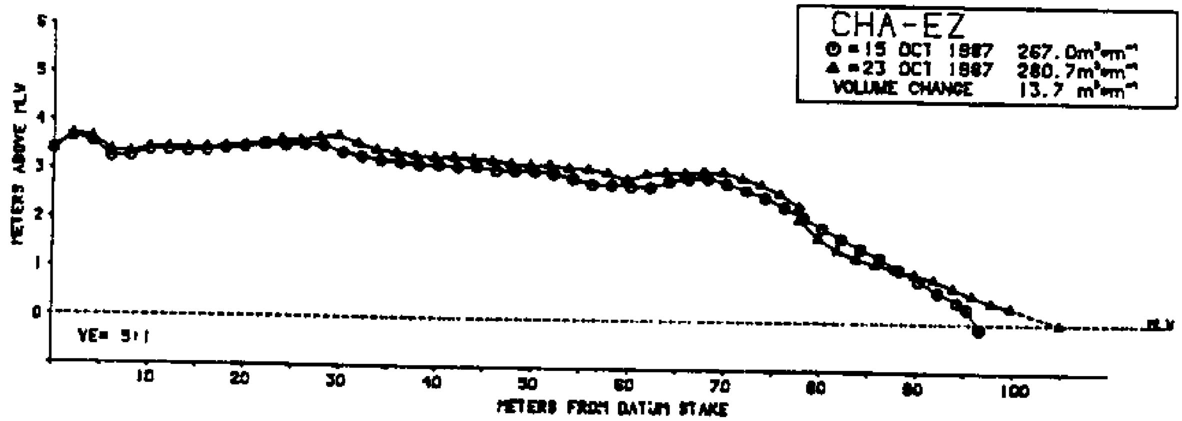

CHA-EZ
⊙ = 18 SEP 1987 241.2 $m^3 m^{-1}$
▲ = 24 SEP 1987 257.1 $m^3 m^{-1}$
VOLUME CHANGE 15.9 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

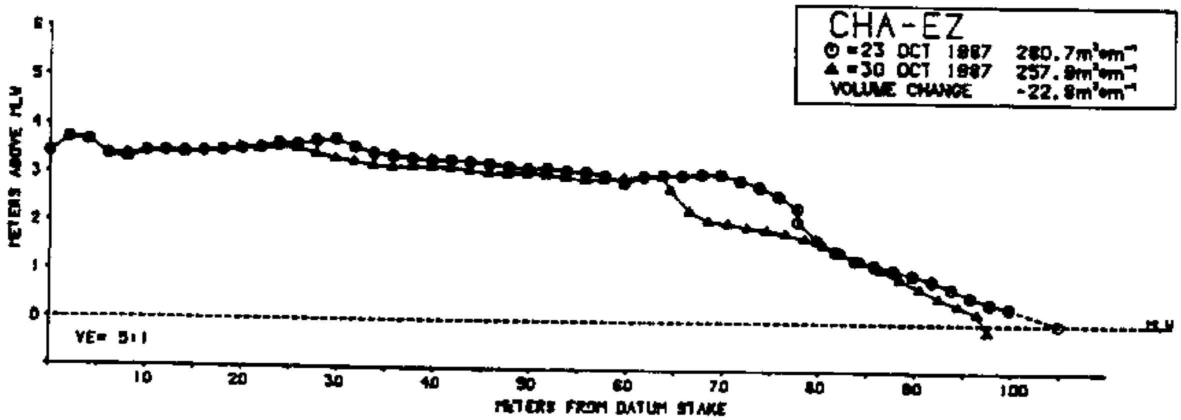

CHA-EZ
⊙ = 24 SEP 1987 257.1 $m^3 m^{-1}$
▲ = 01 OCT 1987 264.5 $m^3 m^{-1}$
VOLUME CHANGE 7.4 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

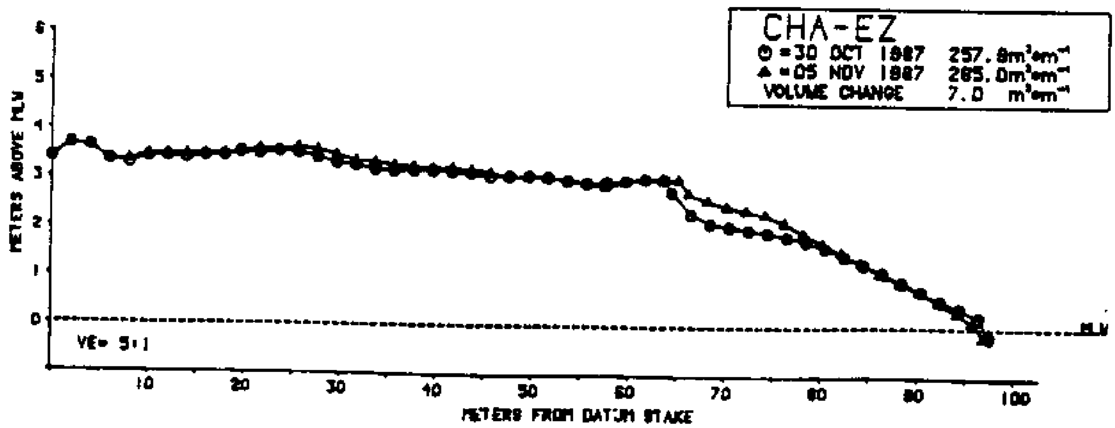

CHA-EZ
⊙ = 01 OCT 1987 264.5 $m^3 m^{-1}$
▲ = 07 OCT 1987 268.9 $m^3 m^{-1}$
VOLUME CHANGE 4.4 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

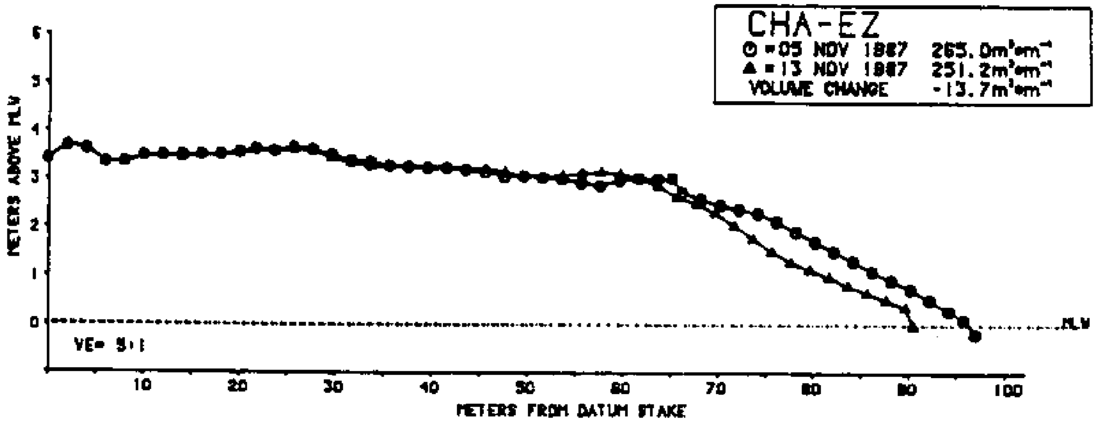

CHA-EZ
⊙ = 07 OCT 1987 268.9 $m^3 m^{-1}$
▲ = 10 OCT 1987 261.1 $m^3 m^{-1}$
VOLUME CHANGE -7.8 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

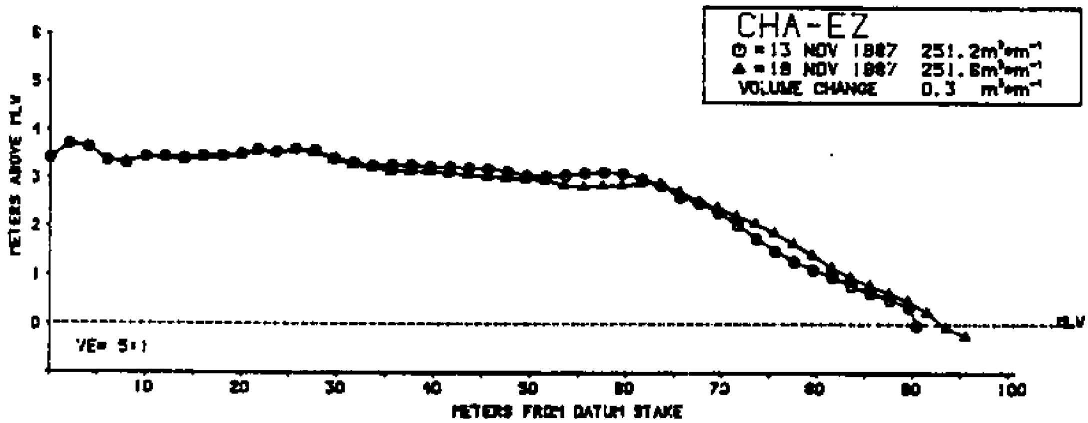

CHA-EZ
O = 10 OCT 1987 261.1 $m^3 m^{-1}$
▲ = 15 OCT 1987 267.0 $m^3 m^{-1}$
VOLUME CHANGE 5.9 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

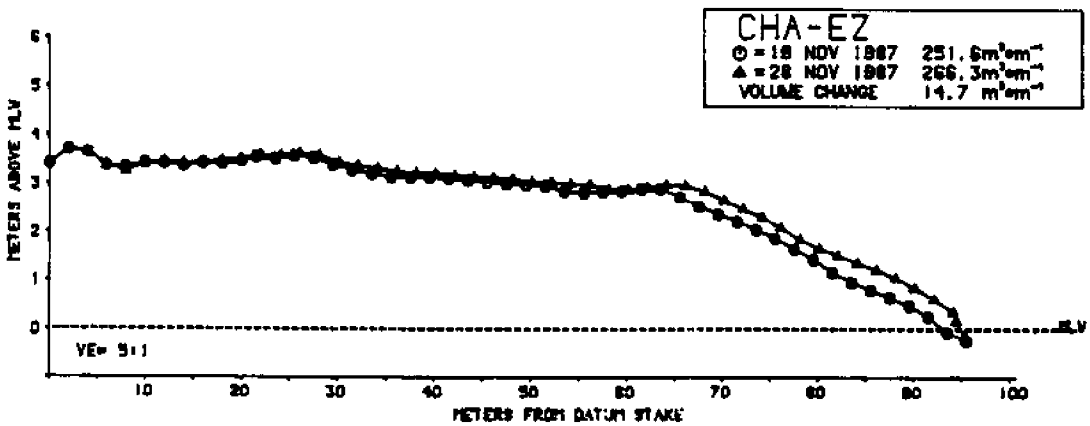

CHA-EZ
O = 15 OCT 1987 267.0 $m^3 m^{-1}$
▲ = 23 OCT 1987 280.7 $m^3 m^{-1}$
VOLUME CHANGE 13.7 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

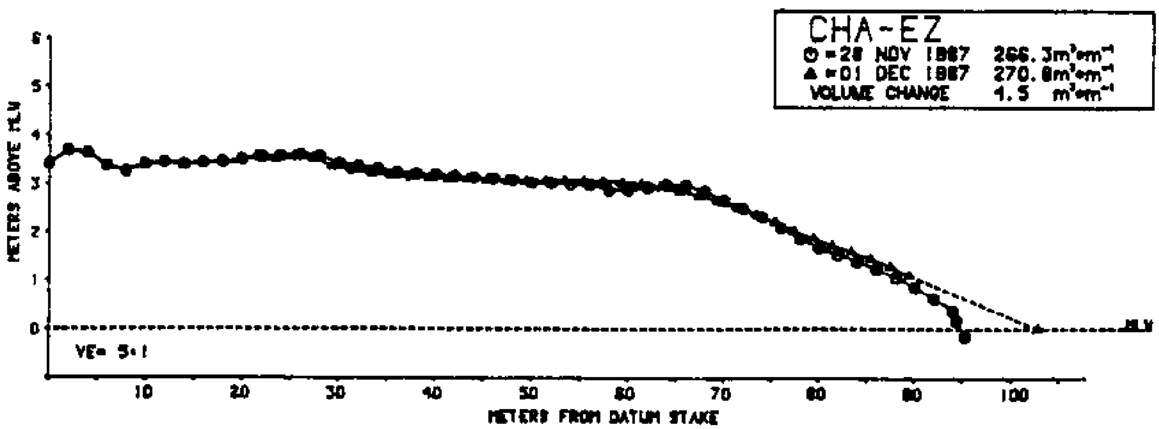

CHA-EZ
O = 23 OCT 1987 280.7 $m^3 m^{-1}$
▲ = 30 OCT 1987 257.9 $m^3 m^{-1}$
VOLUME CHANGE -22.9 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

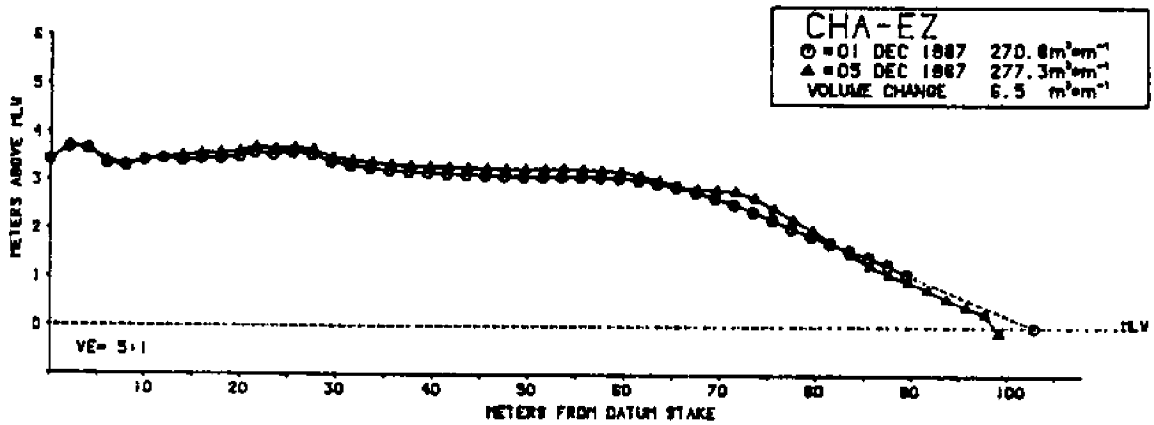

CHA-EZ
O = 30 OCT 1987 257.9 $m^3 m^{-1}$
▲ = 05 NOV 1987 265.0 $m^3 m^{-1}$
VOLUME CHANGE 7.0 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

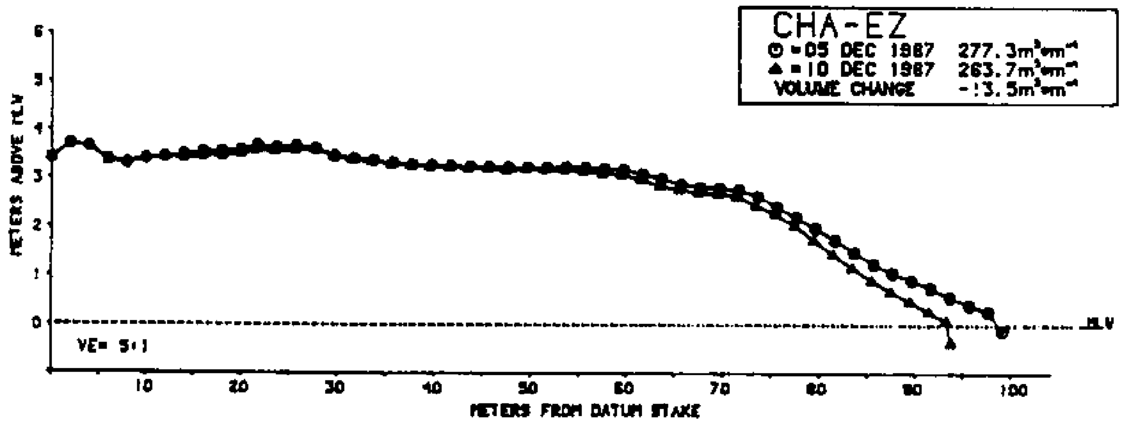

CHA-EZ
⊙ =05 NOV 1987 265.0m³•m⁻¹
▲ =13 NOV 1987 251.2m³•m⁻¹
VOLUME CHANGE -13.7m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

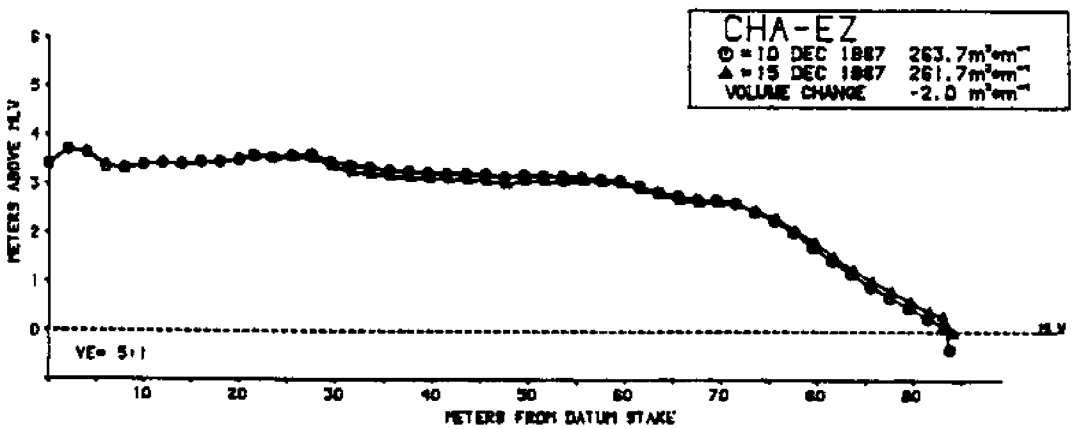

CHA-EZ
⊙ =13 NOV 1987 251.2m³•m⁻¹
▲ =18 NOV 1987 251.6m³•m⁻¹
VOLUME CHANGE 0.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

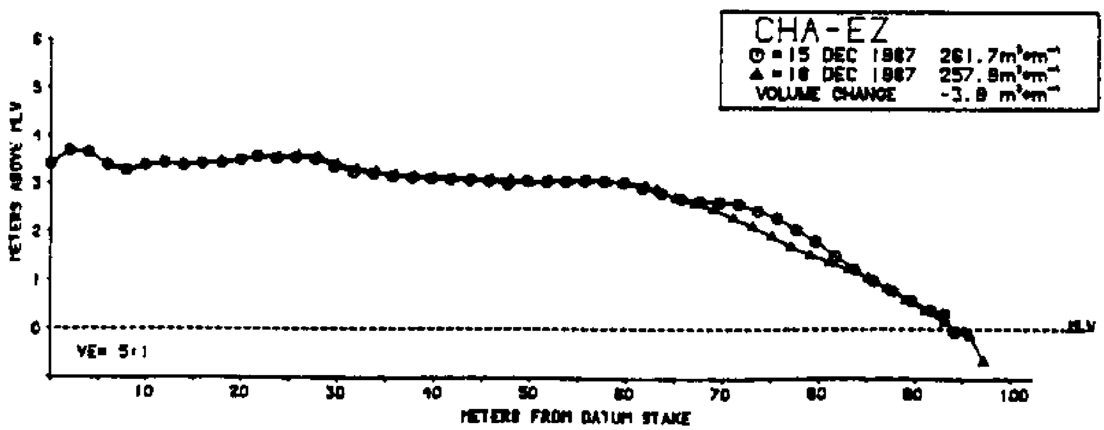

CHA-EZ
⊙ =18 NOV 1987 251.6m³•m⁻¹
▲ =28 NOV 1987 266.3m³•m⁻¹
VOLUME CHANGE 14.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

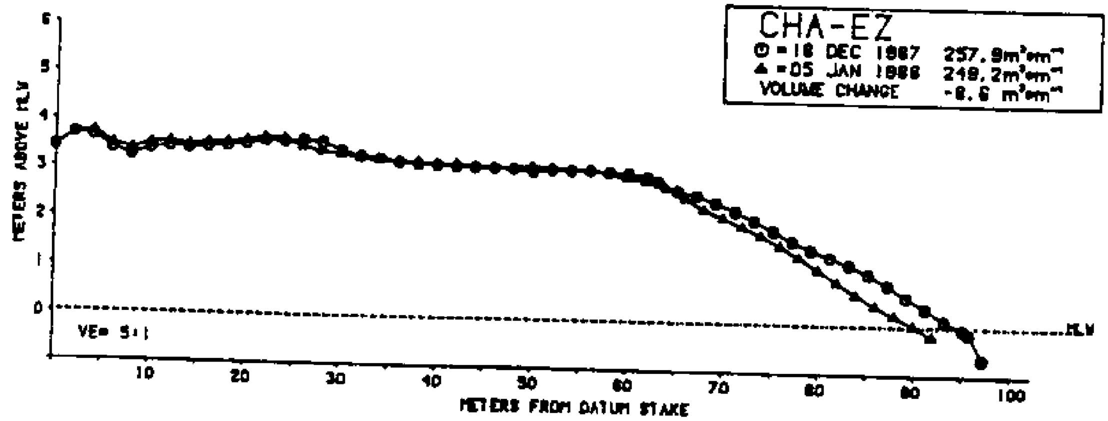

CHA-EZ
⊙ =28 NOV 1987 266.3m³•m⁻¹
▲ =01 DEC 1987 270.8m³•m⁻¹
VOLUME CHANGE 4.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

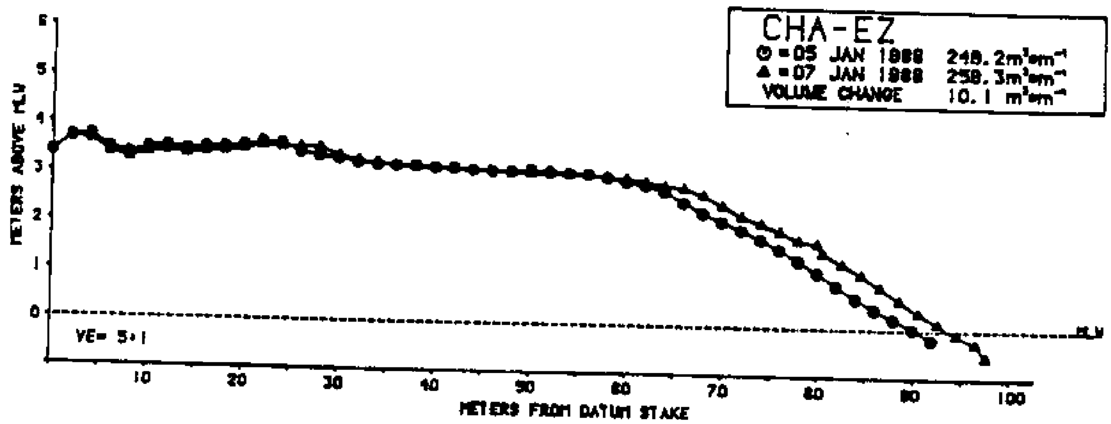

CHA-EZ
⊙ =01 DEC 1987 270.8$m^3 \cdot m^{-1}$
▲ =05 DEC 1987 277.3$m^3 \cdot m^{-1}$
VOLUME CHANGE 6.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

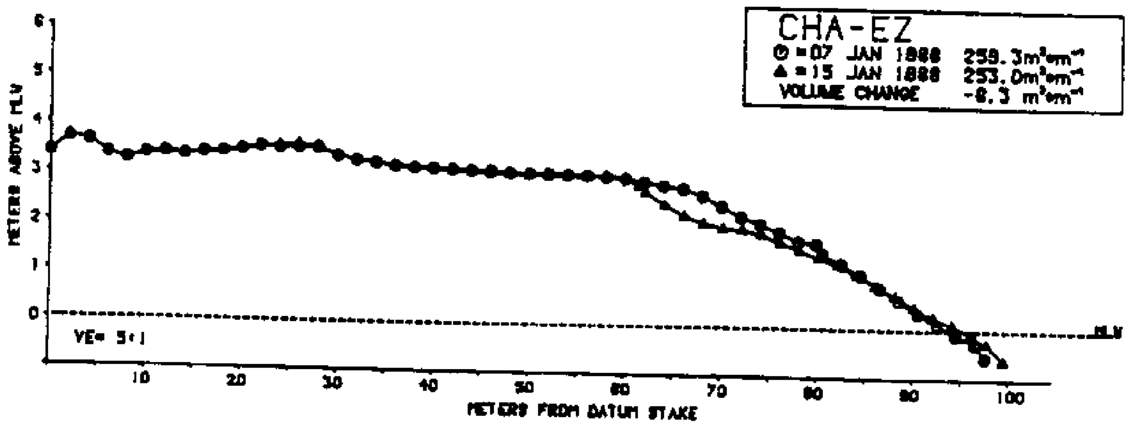

CHA-EZ
⊙ =05 DEC 1987 277.3$m^3 \cdot m^{-1}$
▲ =10 DEC 1987 263.7$m^3 \cdot m^{-1}$
VOLUME CHANGE -13.5$m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

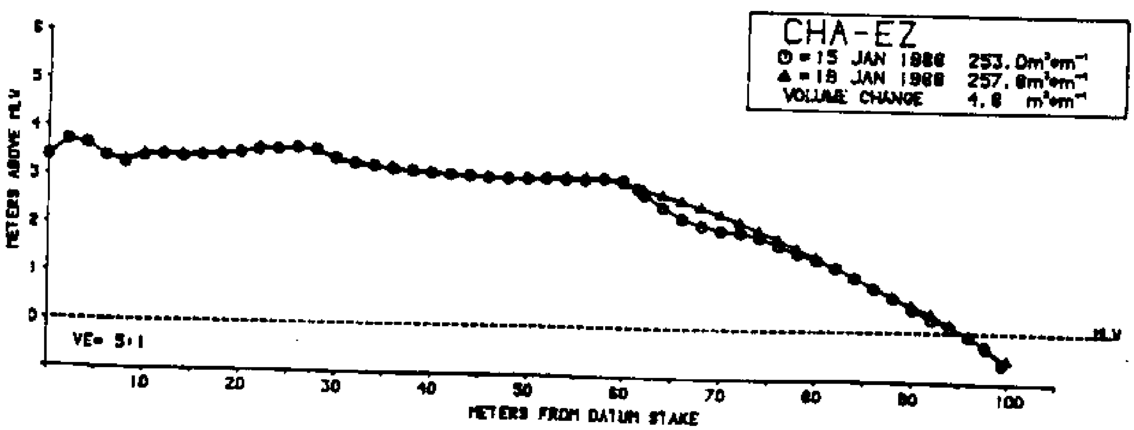

CHA-EZ
⊙ =10 DEC 1987 263.7$m^3 \cdot m^{-1}$
▲ =15 DEC 1987 261.7$m^3 \cdot m^{-1}$
VOLUME CHANGE -2.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

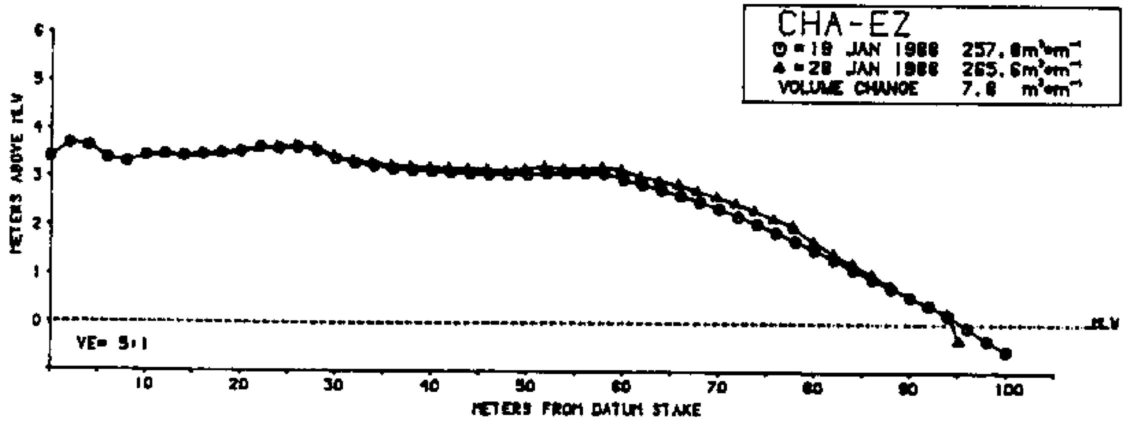

CHA-EZ
⊙ =15 DEC 1987 261.7$m^3 \cdot m^{-1}$
▲ =18 DEC 1987 257.9$m^3 \cdot m^{-1}$
VOLUME CHANGE -3.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

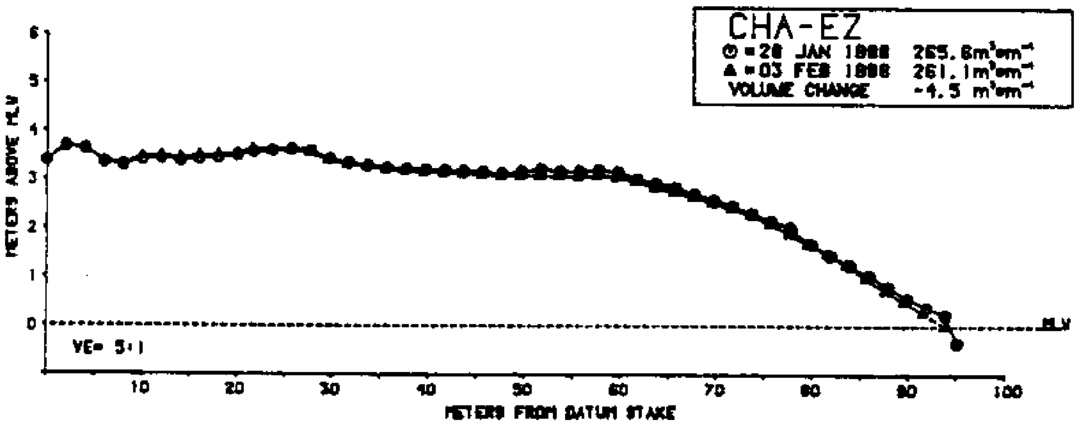

CHA-EZ
⊙ = 18 DEC 1987 257.9 m^3m^{-1}
▲ = 05 JAN 1988 249.2 m^3m^{-1}
VOLUME CHANGE -8.6 m^3m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

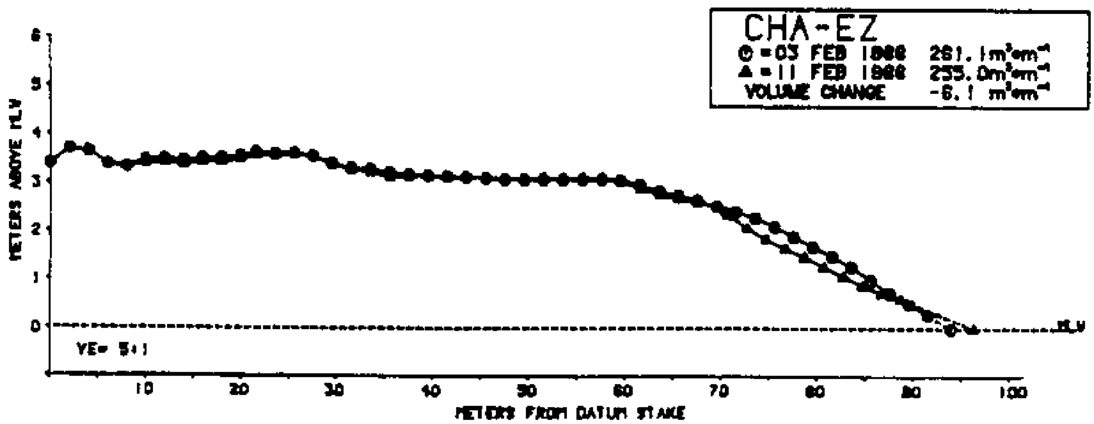

CHA-EZ
⊙ = 05 JAN 1988 248.2 m^3m^{-1}
▲ = 07 JAN 1988 258.3 m^3m^{-1}
VOLUME CHANGE 10.1 m^3m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

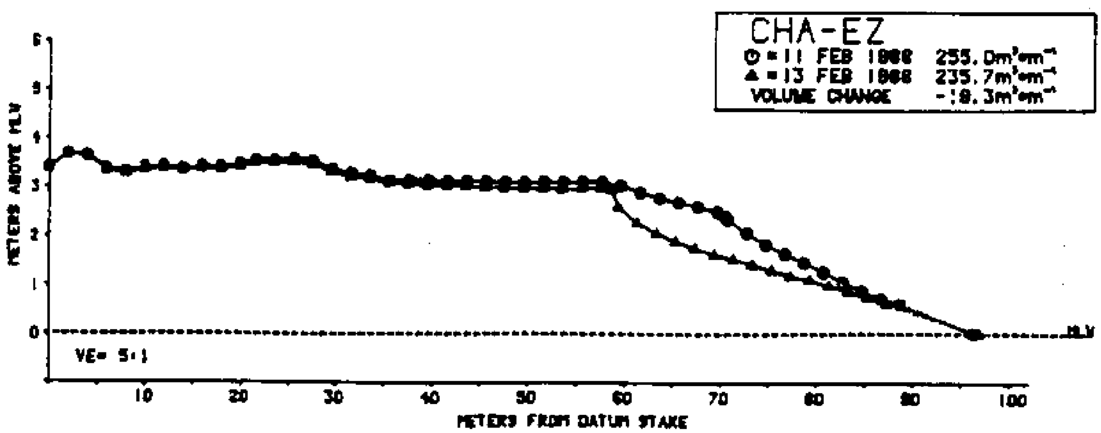

CHA-EZ
⊙ = 07 JAN 1988 258.3 m^3m^{-1}
▲ = 15 JAN 1988 253.0 m^3m^{-1}
VOLUME CHANGE -8.3 m^3m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

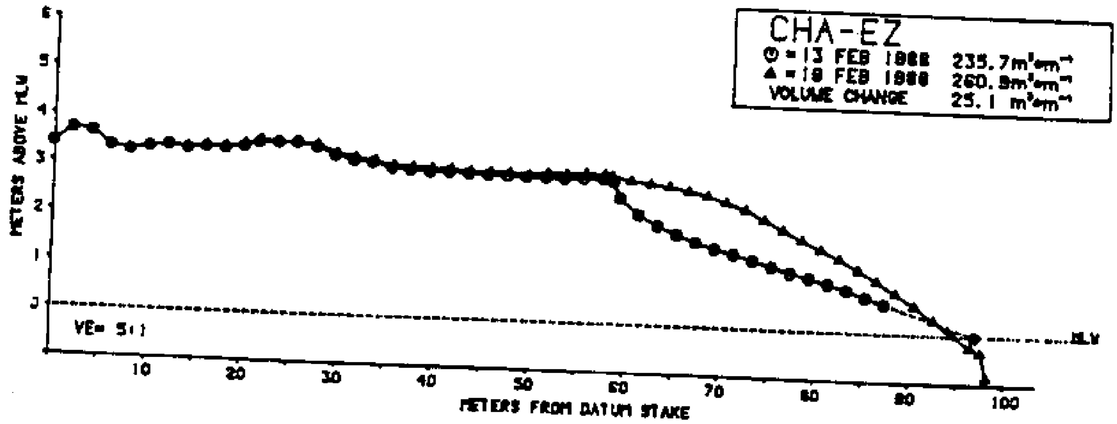

CHA-EZ
⊙ = 15 JAN 1988 253.0 m^3m^{-1}
▲ = 18 JAN 1988 257.8 m^3m^{-1}
VOLUME CHANGE 4.8 m^3m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

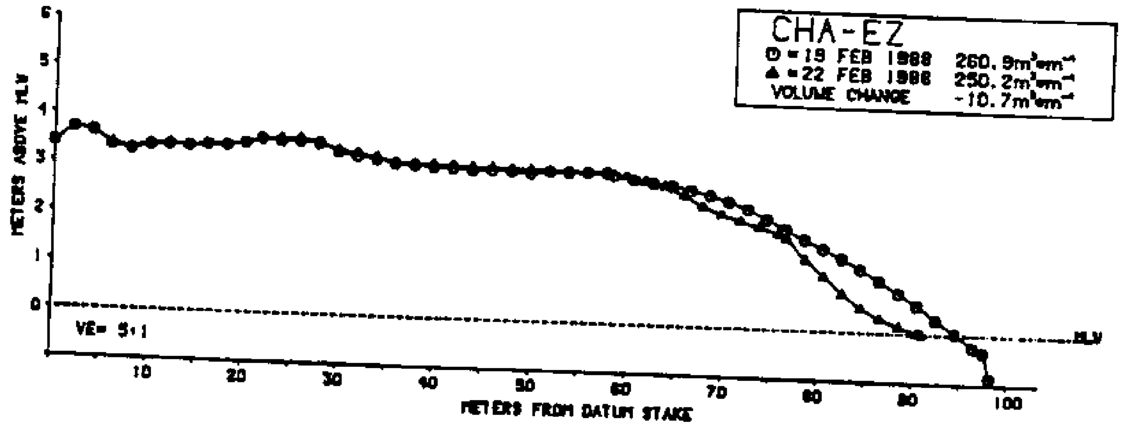

CHA-EZ
⊙ = 19 JAN 1988 257.8m³·m⁻¹
▲ = 28 JAN 1988 265.6m³·m⁻¹
VOLUME CHANGE 7.8 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

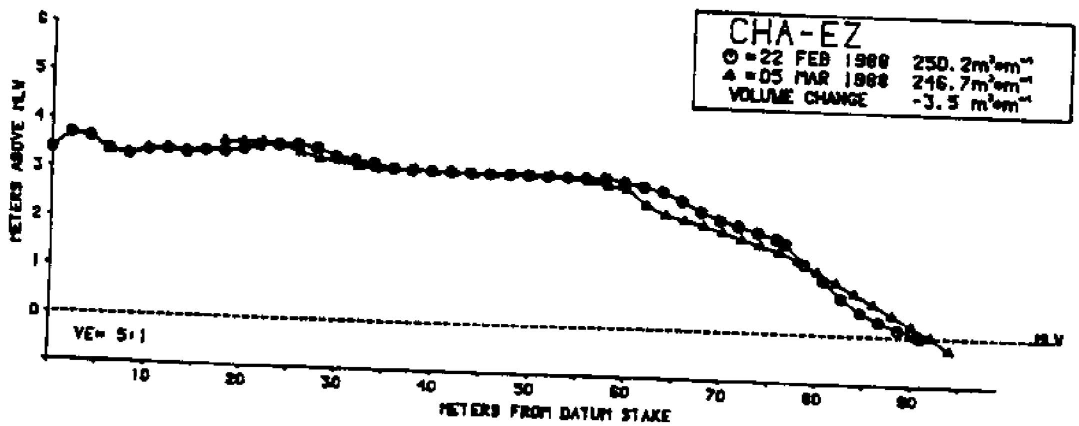

CHA-EZ
⊙ = 28 JAN 1988 265.6m³·m⁻¹
▲ = 03 FEB 1988 261.1m³·m⁻¹
VOLUME CHANGE -4.5 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

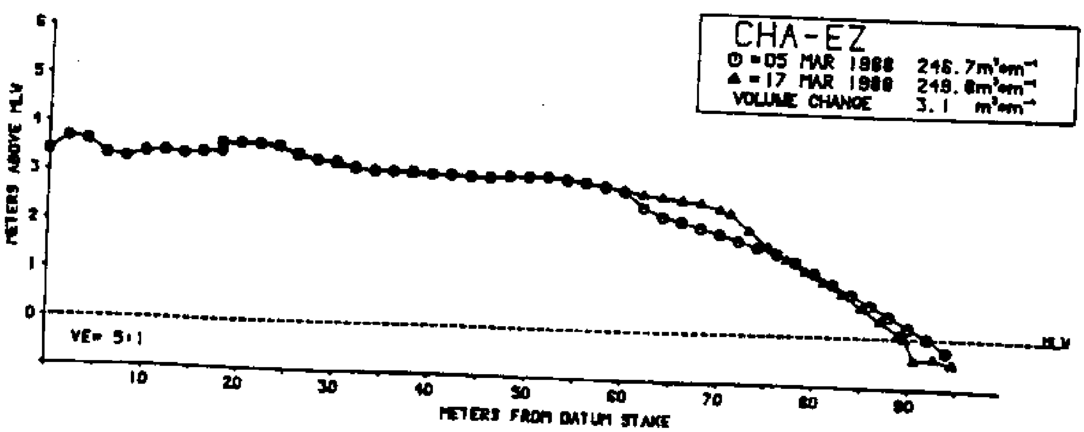

CHA-EZ
⊙ = 03 FEB 1988 261.1m³·m⁻¹
▲ = 11 FEB 1988 255.0m³·m⁻¹
VOLUME CHANGE -6.1 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

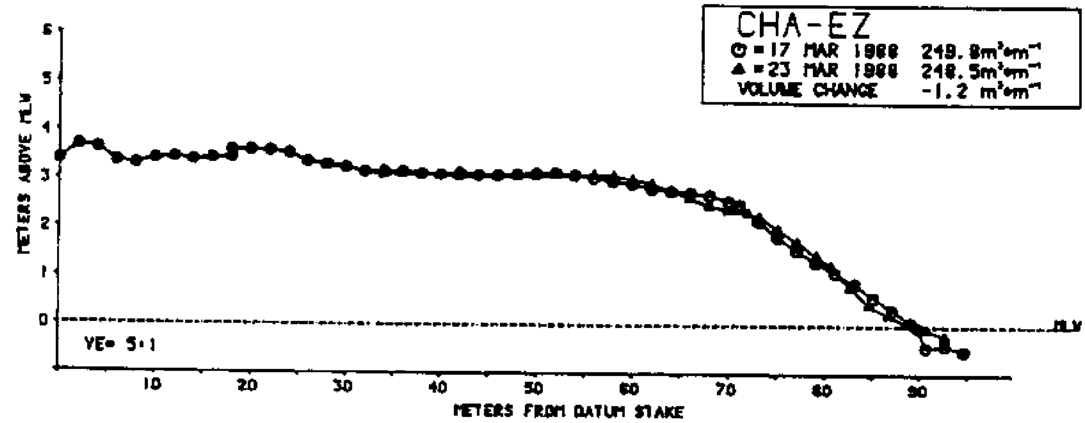

CHA-EZ
⊙ = 11 FEB 1988 255.0m³·m⁻¹
▲ = 13 FEB 1988 235.7m³·m⁻¹
VOLUME CHANGE -19.3m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

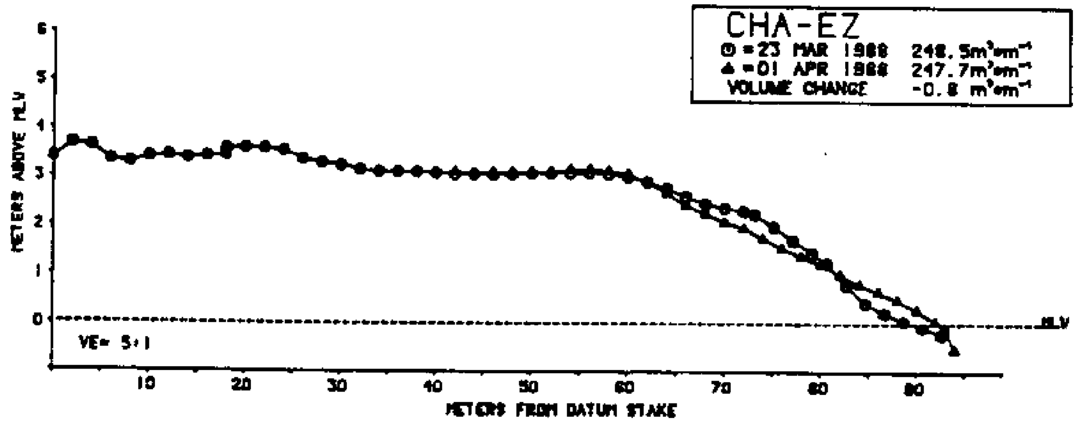

CHA-EZ
⊙ = 13 FEB 1988 235.7$m^3 m^{-1}$
▲ = 19 FEB 1988 260.9$m^3 m^{-1}$
VOLUME CHANGE 25.1 $m^3 m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

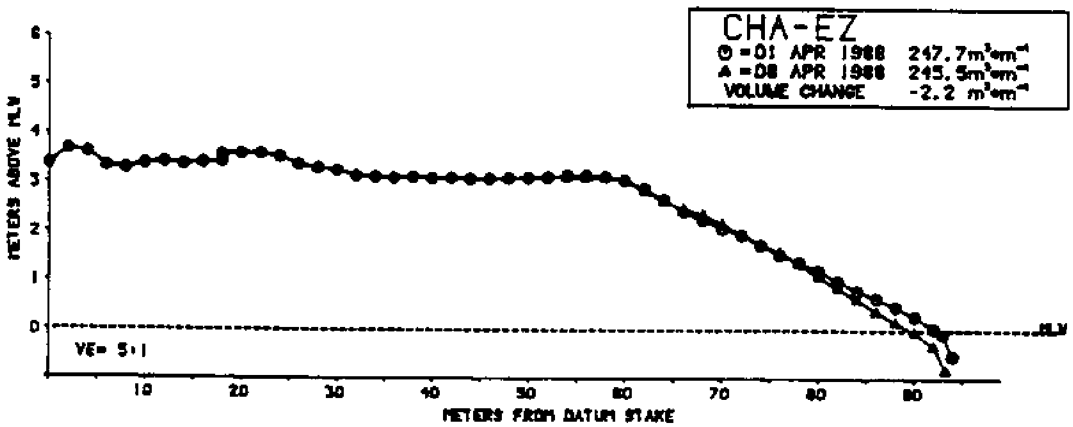

CHA-EZ
⊙ = 19 FEB 1988 260.9$m^3 m^{-1}$
▲ = 22 FEB 1988 250.2$m^3 m^{-1}$
VOLUME CHANGE -10.7$m^3 m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

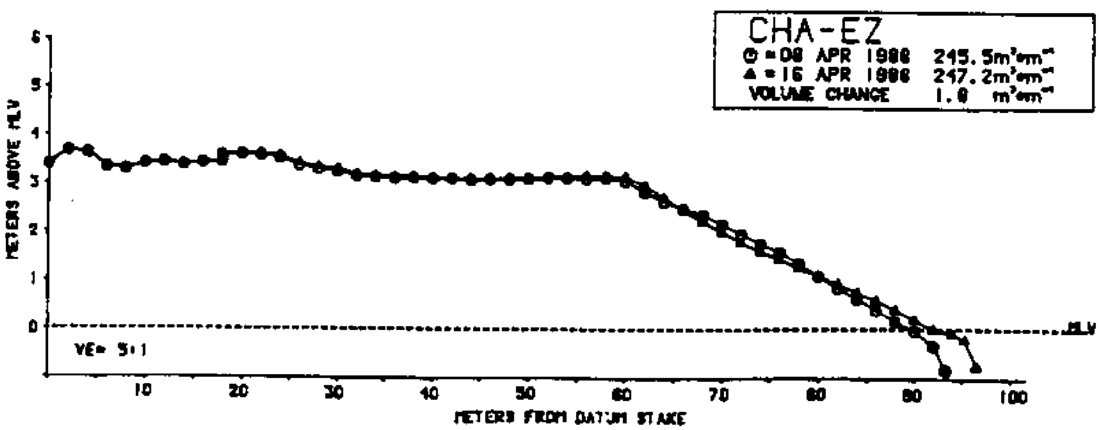

CHA-EZ
⊙ = 22 FEB 1988 250.2$m^3 m^{-1}$
▲ = 05 MAR 1988 246.7$m^3 m^{-1}$
VOLUME CHANGE -3.5 $m^3 m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


CHA-EZ
⊙ = 05 MAR 1988 246.7$m^3 m^{-1}$
▲ = 17 MAR 1988 249.8$m^3 m^{-1}$
VOLUME CHANGE 3.1 $m^3 m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


CHA-EZ
⊙ =17 MAR 1988 249.8m³•m⁻¹
▲ =23 MAR 1988 248.5m³•m⁻¹
VOLUME CHANGE -1.2 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

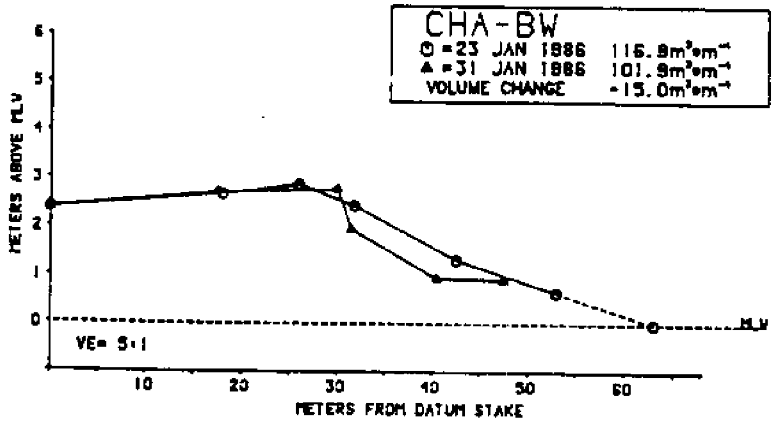

CHA-EZ
⊙ =23 MAR 1988 248.5m³•m⁻¹
▲ =01 APR 1988 247.7m³•m⁻¹
VOLUME CHANGE -0.8 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

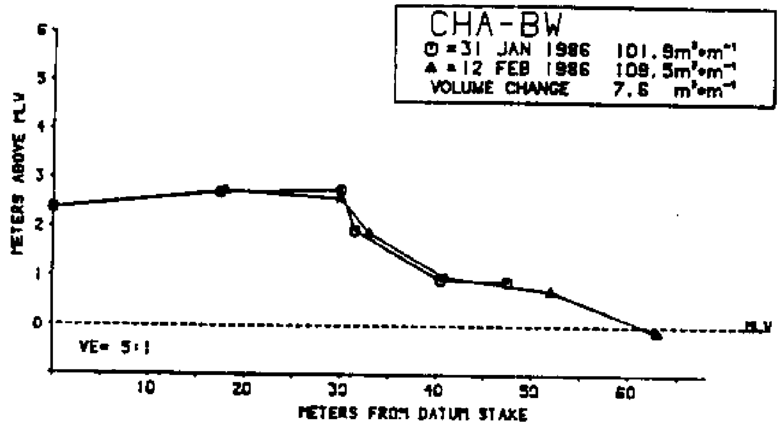

CHA-EZ
⊙ =01 APR 1988 247.7m³•m⁻¹
▲ =08 APR 1988 245.5m³•m⁻¹
VOLUME CHANGE -2.2 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

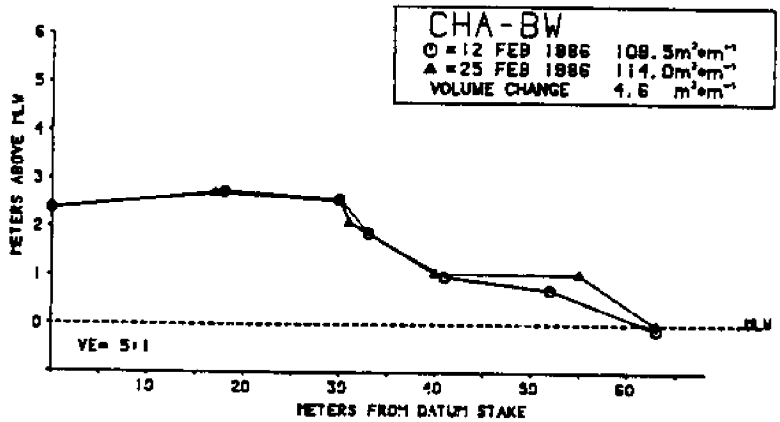

CHA-EZ
⊙ =08 APR 1988 245.5m³•m⁻¹
▲ =16 APR 1988 247.2m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

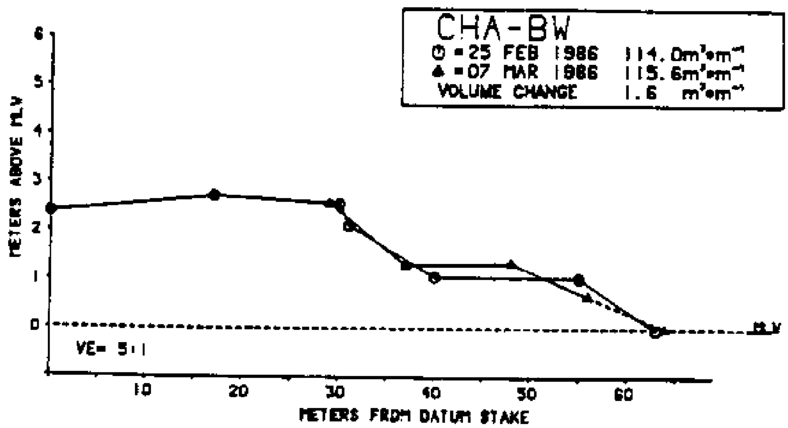
APPENDIX 1B

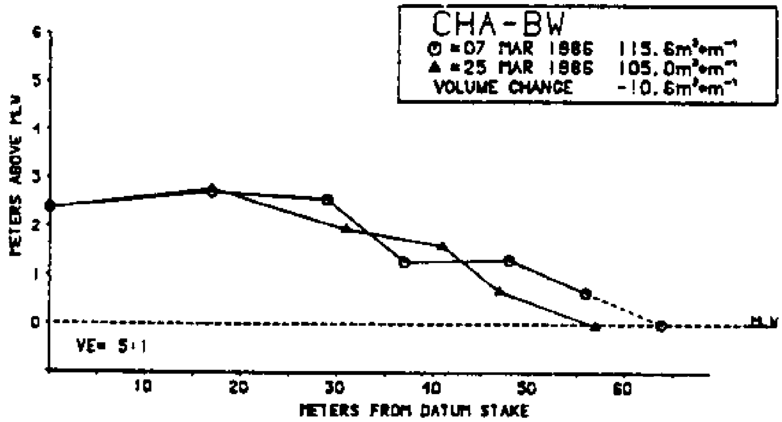
CHA-BW Profile Plots

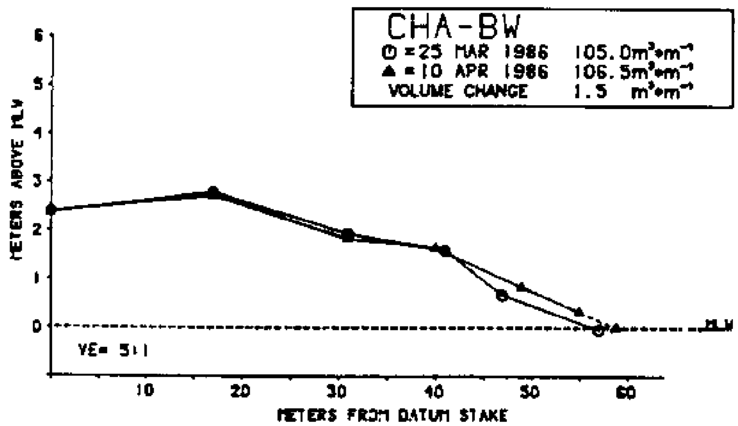

CHA-BW
O =23 JAN 1986 116.9m³m⁻¹
▲ =31 JAN 1986 101.9m³m⁻¹
VOLUME CHANGE -15.0m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

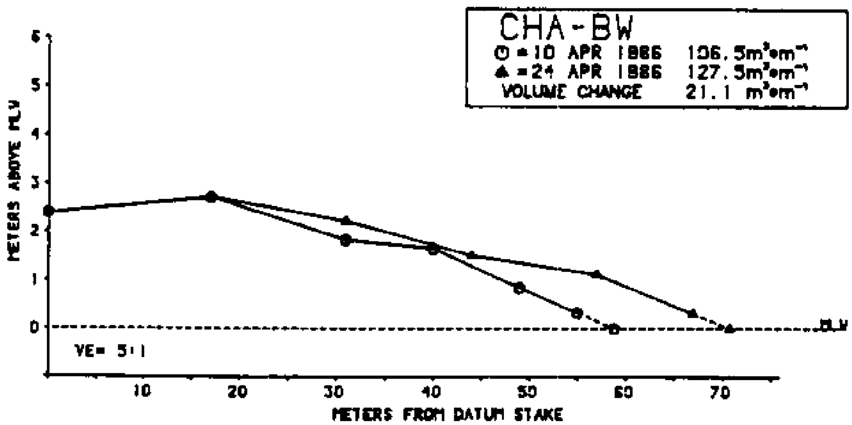

CHA-BW
O =31 JAN 1986 101.9m³m⁻¹
▲ =12 FEB 1986 109.5m³m⁻¹
VOLUME CHANGE 7.6 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

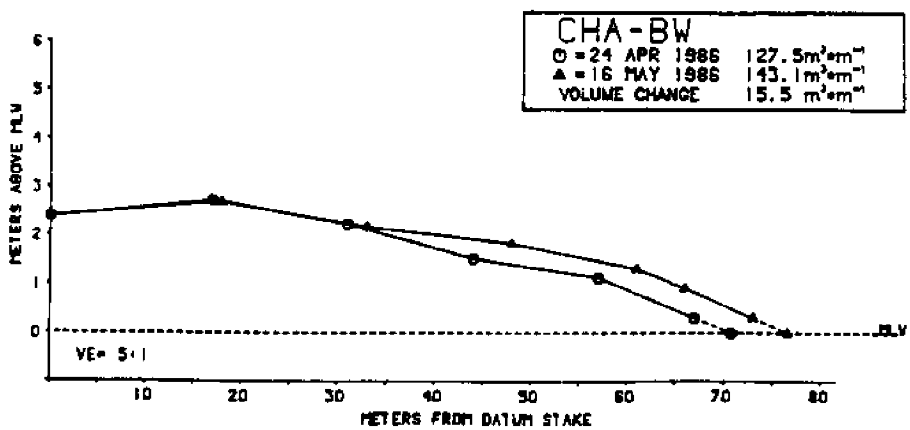

CHA-BW
O =12 FEB 1986 109.5m³m⁻¹
▲ =25 FEB 1986 114.0m³m⁻¹
VOLUME CHANGE 4.6 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

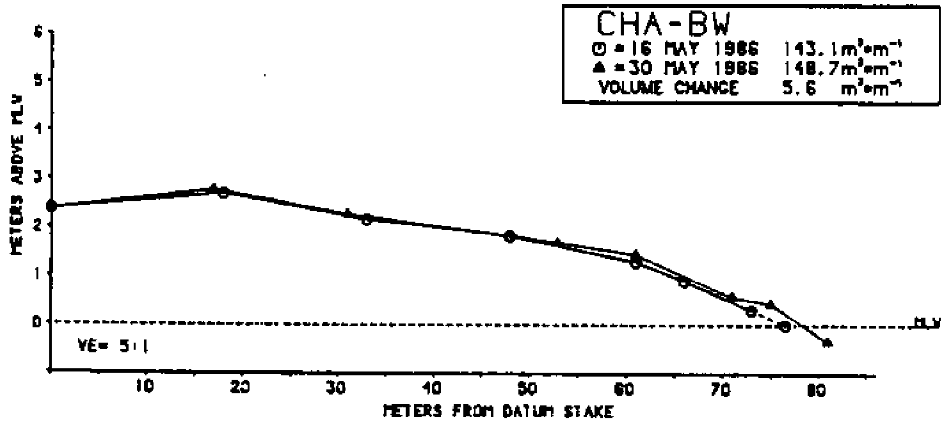

CHA-BW
O =25 FEB 1986 114.0m³m⁻¹
▲ =07 MAR 1986 115.6m³m⁻¹
VOLUME CHANGE 1.6 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

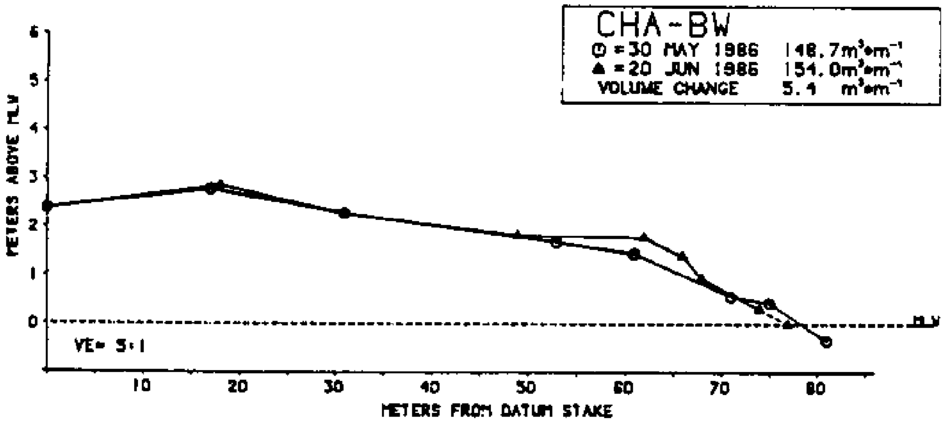

CHA-BW
⊙ = 07 MAR 1986 115.6m³•m⁻¹
▲ = 25 MAR 1986 105.0m³•m⁻¹
VOLUME CHANGE -10.6m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

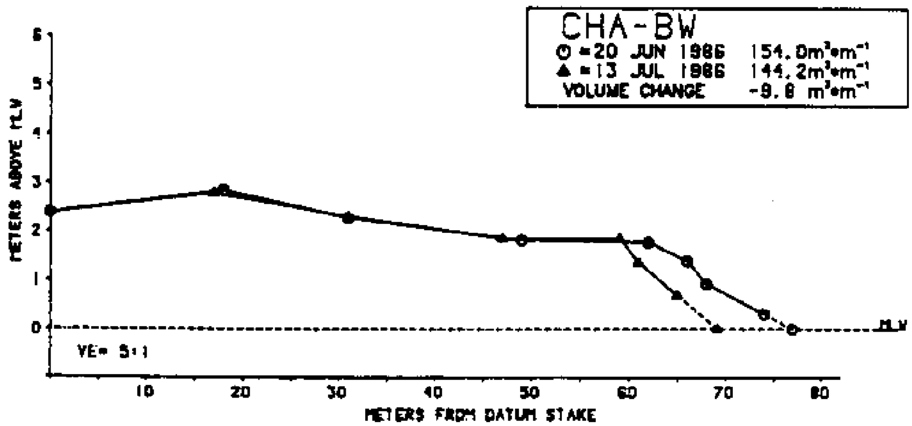

CHA-BW
⊙ = 25 MAR 1986 105.0m³•m⁻¹
▲ = 10 APR 1986 106.5m³•m⁻¹
VOLUME CHANGE 1.5 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

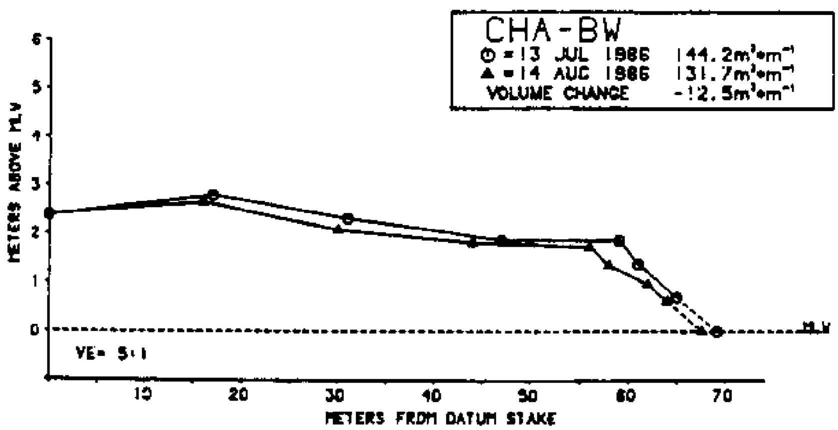

CHA-BW
⊙ = 10 APR 1986 106.5m³•m⁻¹
▲ = 24 APR 1986 127.5m³•m⁻¹
VOLUME CHANGE 21.1 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

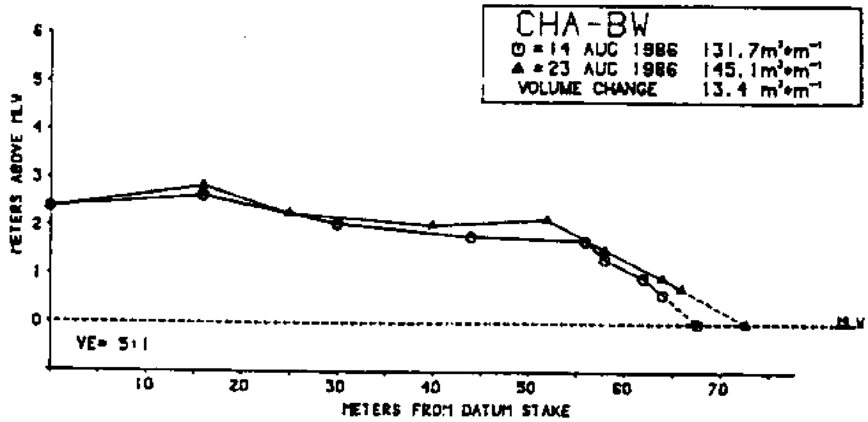

CHA-BW
⊙ = 24 APR 1986 127.5m³•m⁻¹
▲ = 16 MAY 1986 143.1m³•m⁻¹
VOLUME CHANGE 15.5 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

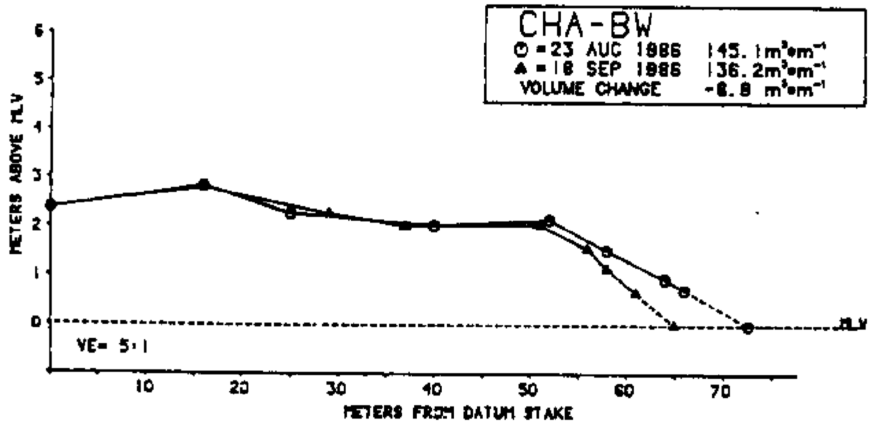

CHA-BW
⊙ = 16 MAY 1986 143.1m³•m⁻¹
▲ = 30 MAY 1986 148.7m³•m⁻¹
VOLUME CHANGE 5.6 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

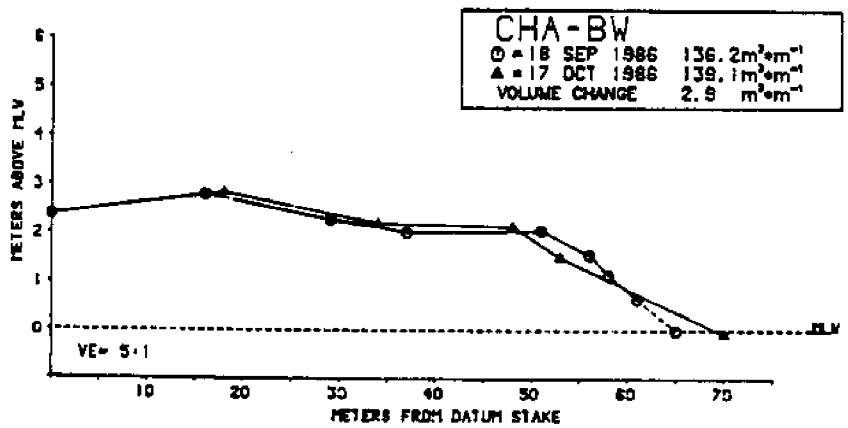

CHA-BW
⊙ = 30 MAY 1986 148.7m³•m⁻¹
▲ = 20 JUN 1986 154.0m³•m⁻¹
VOLUME CHANGE 5.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

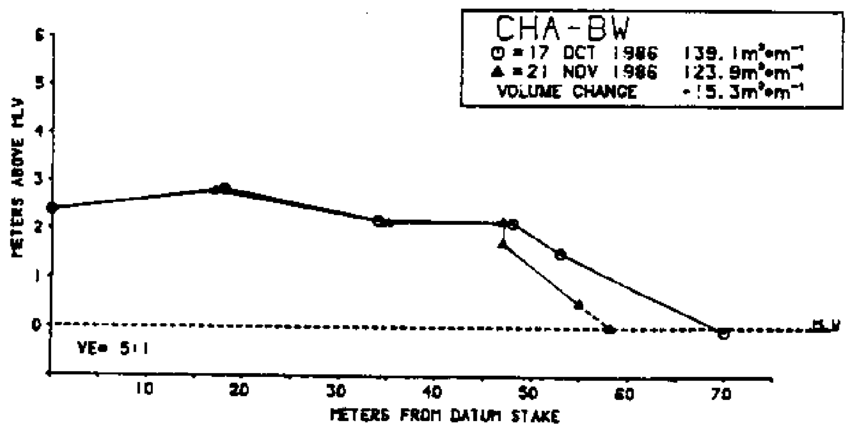

CHA-BW
⊙ = 20 JUN 1986 154.0m³•m⁻¹
▲ = 13 JUL 1986 144.2m³•m⁻¹
VOLUME CHANGE -9.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

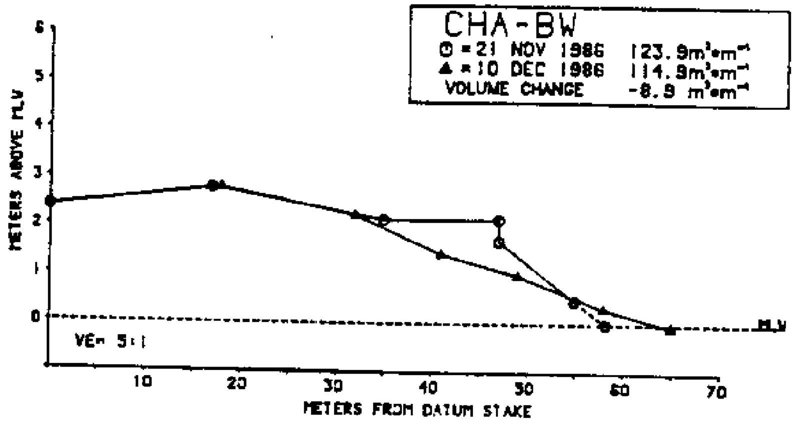

CHA-BW
⊙ = 13 JUL 1986 144.2m³•m⁻¹
▲ = 14 AUG 1986 131.7m³•m⁻¹
VOLUME CHANGE -12.5m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

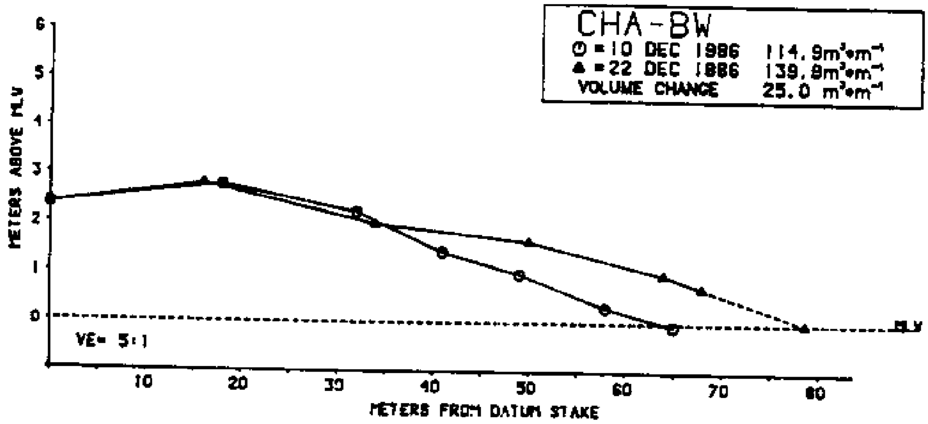

CHA-BW
○ = 14 AUG 1986 131.7m³•m⁻¹
▲ = 23 AUG 1986 145.1m³•m⁻¹
VOLUME CHANGE 13.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

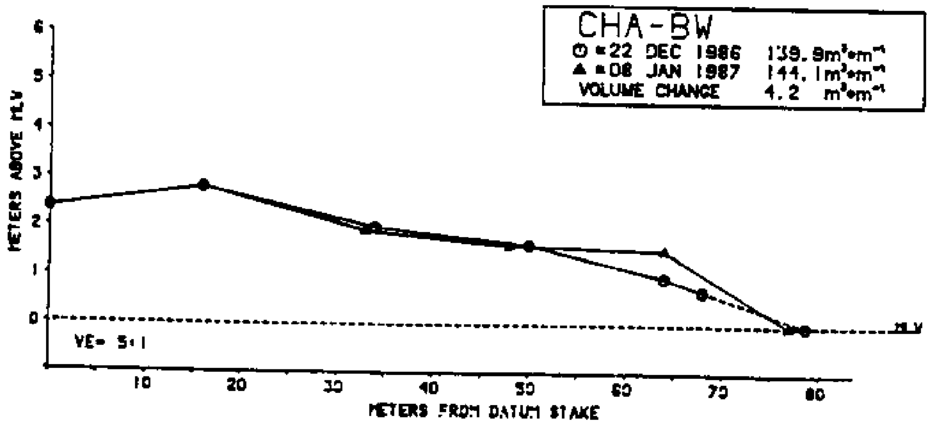

CHA-BW
○ = 23 AUG 1986 145.1m³•m⁻¹
▲ = 18 SEP 1986 136.2m³•m⁻¹
VOLUME CHANGE -8.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

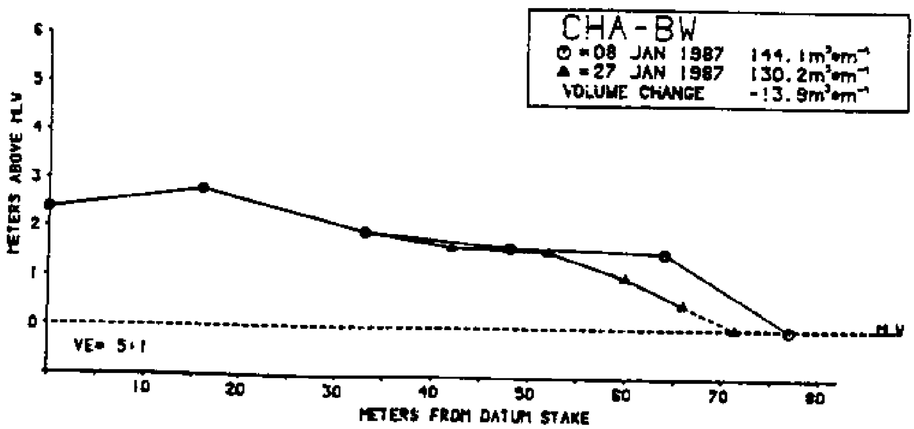

CHA-BW
○ = 18 SEP 1986 136.2m³•m⁻¹
▲ = 17 OCT 1986 139.1m³•m⁻¹
VOLUME CHANGE 2.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

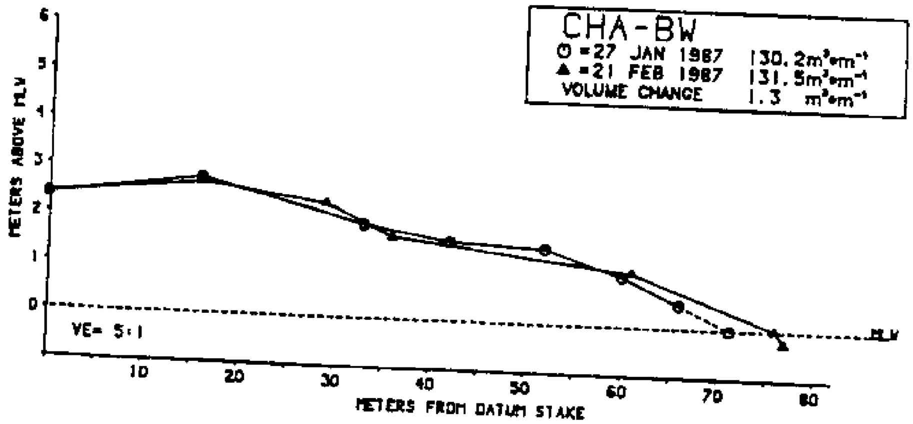

CHA-BW
○ = 17 OCT 1986 139.1m³•m⁻¹
▲ = 21 NOV 1986 123.9m³•m⁻¹
VOLUME CHANGE -15.3m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

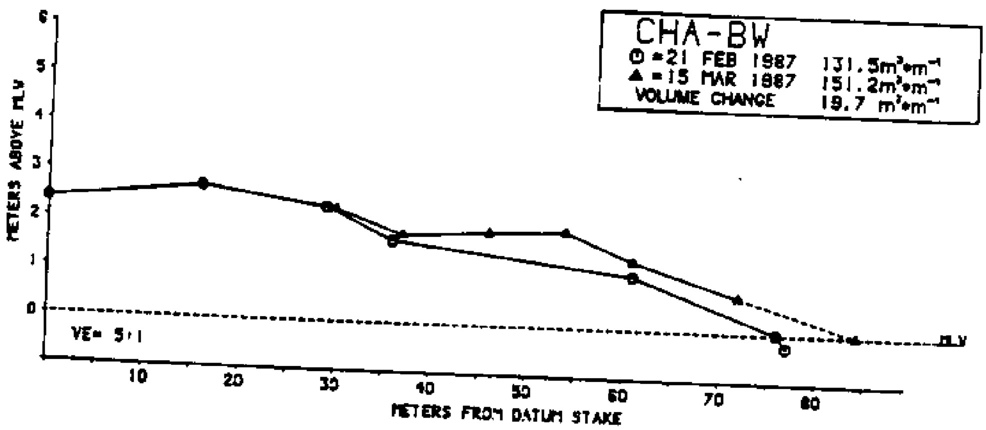

CHA-BW
⊙ = 21 NOV 1986 123.9m³•m⁻¹
▲ = 10 DEC 1986 114.9m³•m⁻¹
VOLUME CHANGE -8.9 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

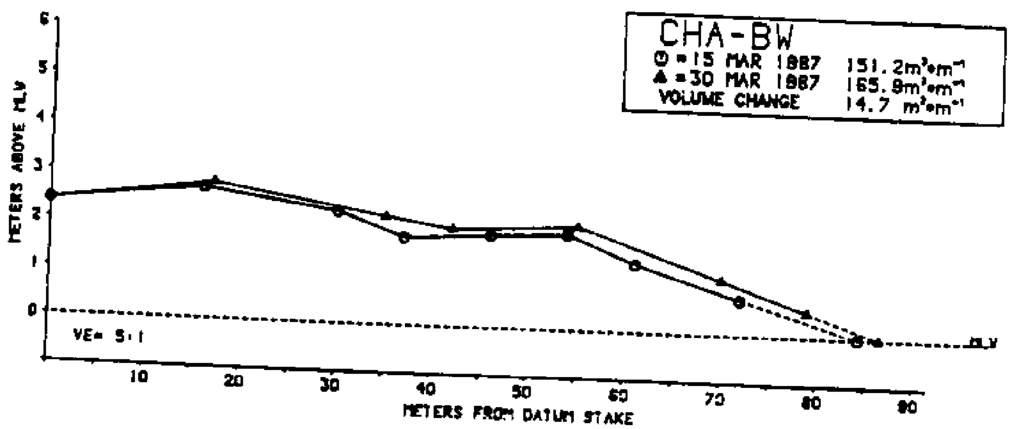

CHA-BW
⊙ = 10 DEC 1986 114.9m³•m⁻¹
▲ = 22 DEC 1986 139.9m³•m⁻¹
VOLUME CHANGE 25.0 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

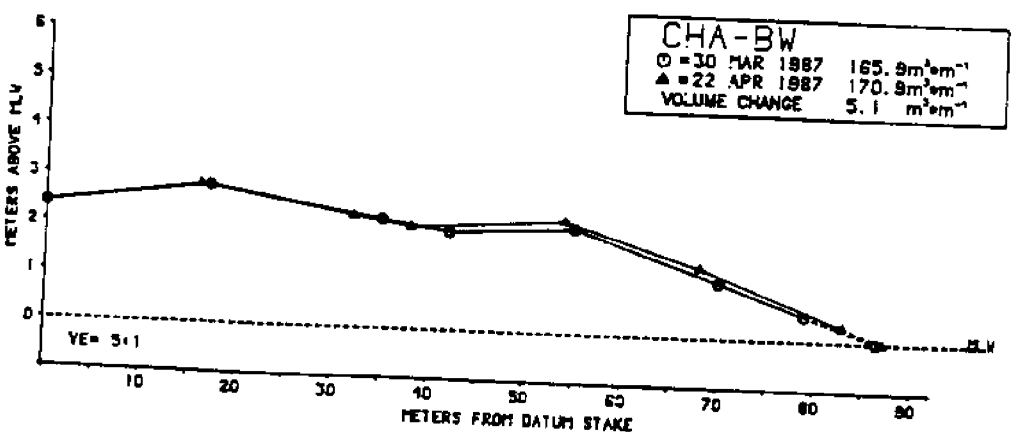

CHA-BW
⊙ = 22 DEC 1986 139.9m³•m⁻¹
▲ = 08 JAN 1987 144.1m³•m⁻¹
VOLUME CHANGE 4.2 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

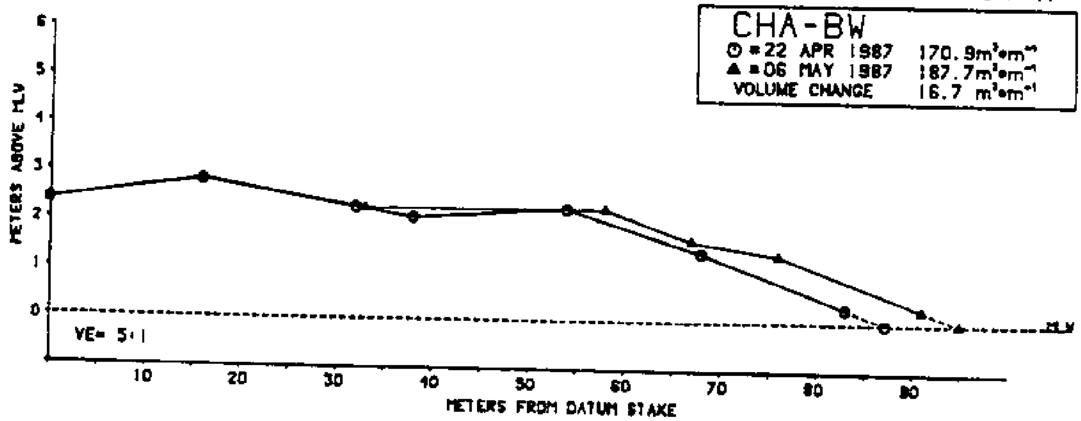

CHA-BW
⊙ = 08 JAN 1987 144.1m³•m⁻¹
▲ = 27 JAN 1987 130.2m³•m⁻¹
VOLUME CHANGE -13.9m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

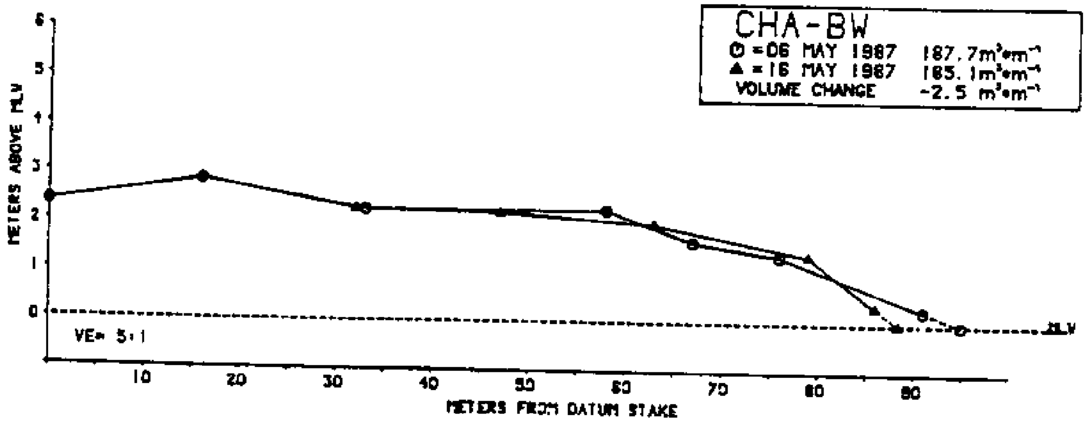

CHA-BW
⊙ =27 JAN 1987 130.2m³•m⁻¹
▲ =21 FEB 1987 131.5m³•m⁻¹
VOLUME CHANGE 1.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

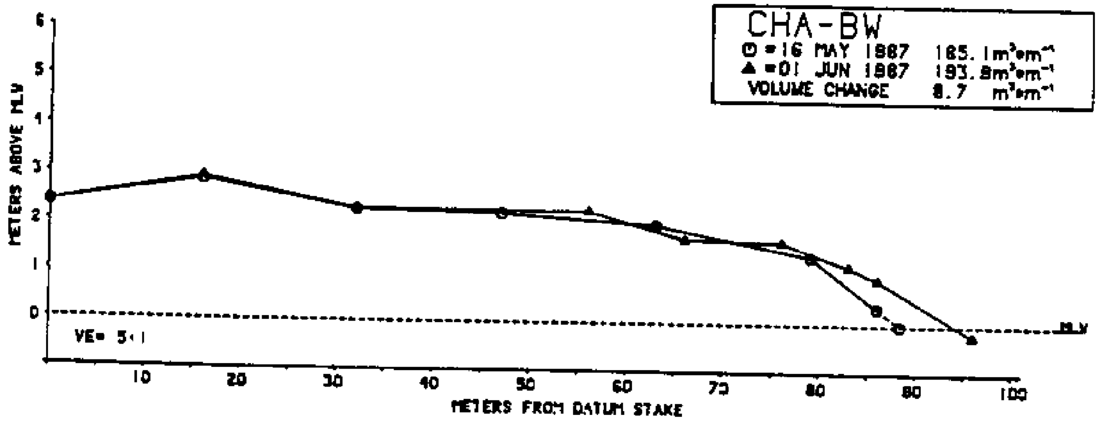

CHA-BW
⊙ =21 FEB 1987 131.5m³•m⁻¹
▲ =15 MAR 1987 151.2m³•m⁻¹
VOLUME CHANGE 19.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

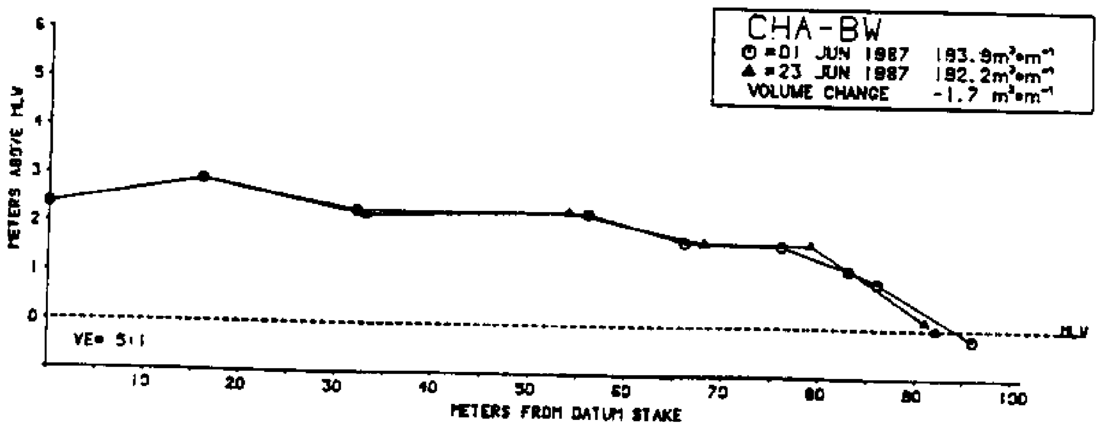

CHA-BW
⊙ =15 MAR 1987 151.2m³•m⁻¹
▲ =30 MAR 1987 165.9m³•m⁻¹
VOLUME CHANGE 14.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

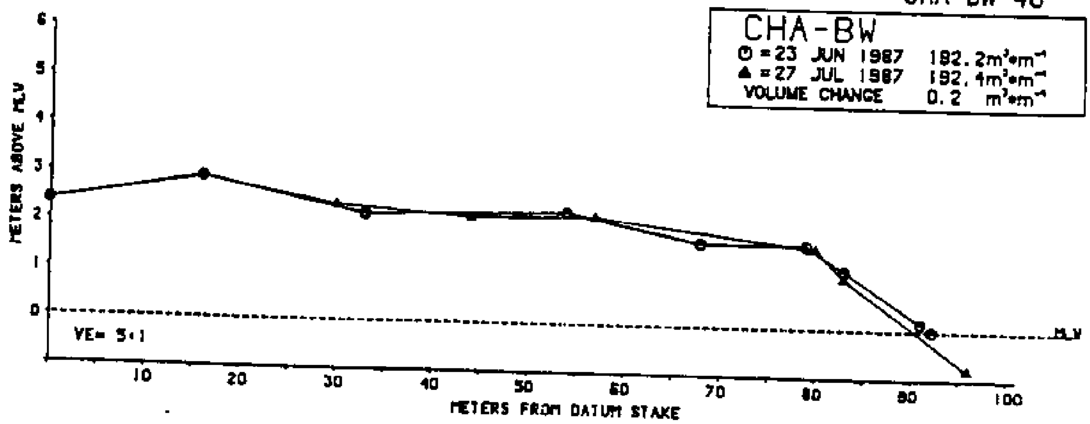

CHA-BW
⊙ =30 MAR 1987 165.9m³•m⁻¹
▲ =22 APR 1987 170.9m³•m⁻¹
VOLUME CHANGE 5.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

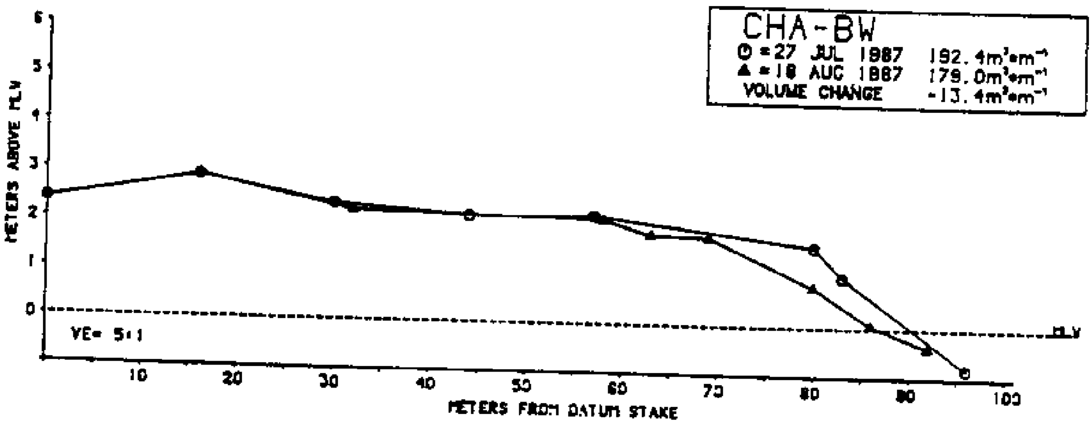

CHA-BW
O =22 APR 1987 170.9m³•m⁻¹
▲ =06 MAY 1987 187.7m³•m⁻¹
VOLUME CHANGE 16.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

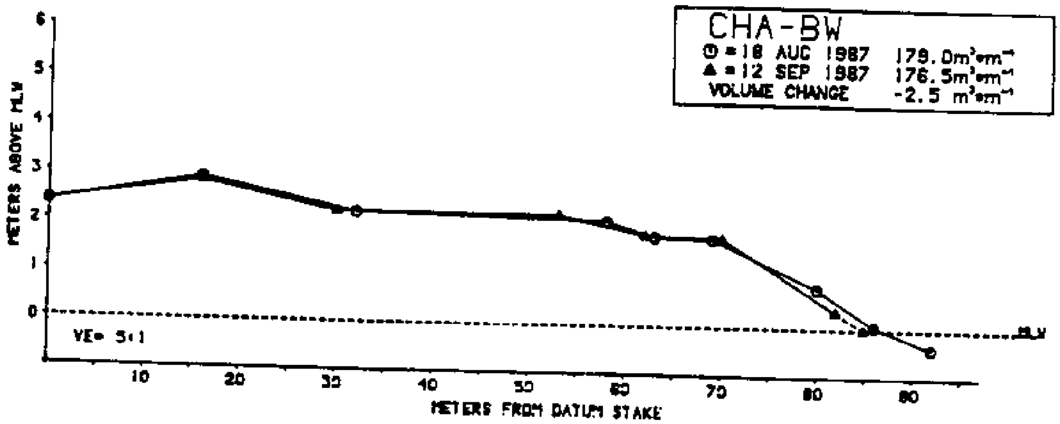

CHA-BW
O =06 MAY 1987 187.7m³•m⁻¹
▲ =16 MAY 1987 185.1m³•m⁻¹
VOLUME CHANGE -2.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

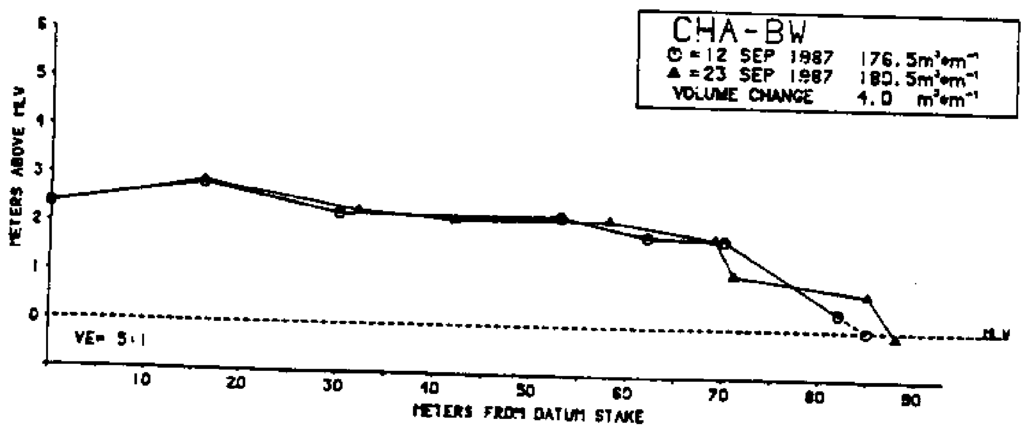

CHA-BW
O =16 MAY 1987 185.1m³•m⁻¹
▲ =01 JUN 1987 193.8m³•m⁻¹
VOLUME CHANGE 8.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

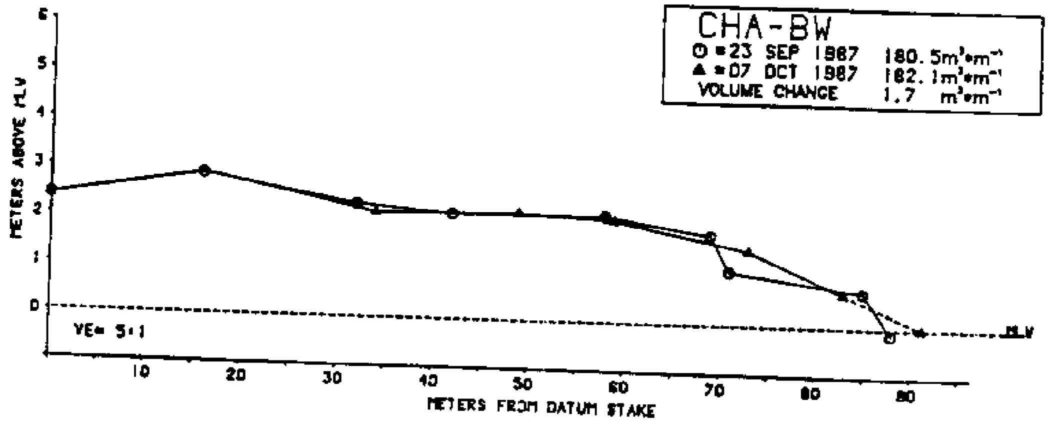

CHA-BW
O =01 JUN 1987 193.9m³•m⁻¹
▲ =23 JUN 1987 192.2m³•m⁻¹
VOLUME CHANGE -1.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

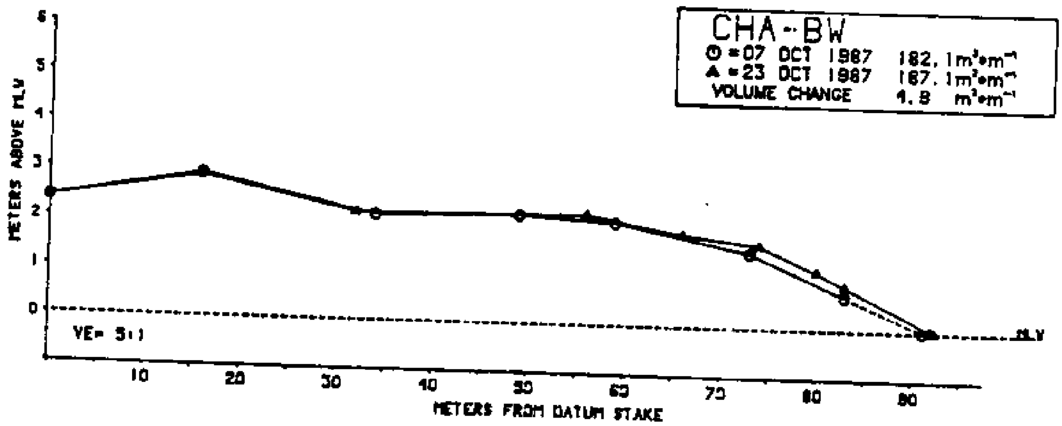

CHA-BW
⊙ =23 JUN 1987 192.2m³•m⁻¹
▲ =27 JUL 1987 192.4m³•m⁻¹
VOLUME CHANGE 0.2 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

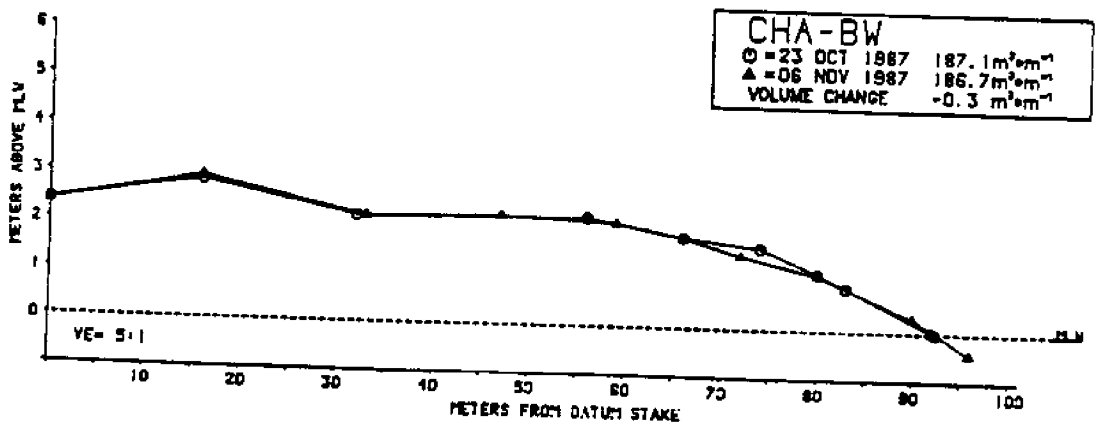

CHA-BW
⊙ =27 JUL 1987 192.4m³•m⁻¹
▲ =18 AUG 1987 179.0m³•m⁻¹
VOLUME CHANGE -13.4m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

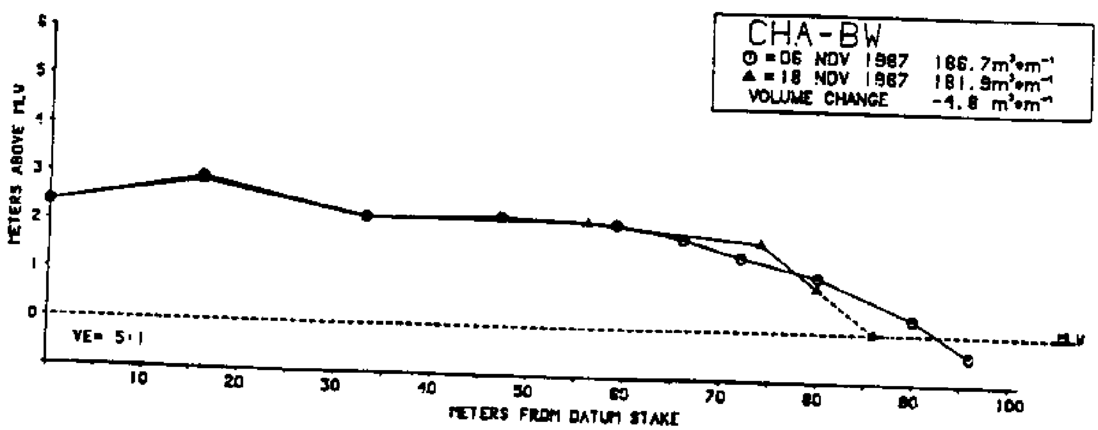

CHA-BW
⊙ =18 AUG 1987 179.0m³•m⁻¹
▲ =12 SEP 1987 176.5m³•m⁻¹
VOLUME CHANGE -2.5 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

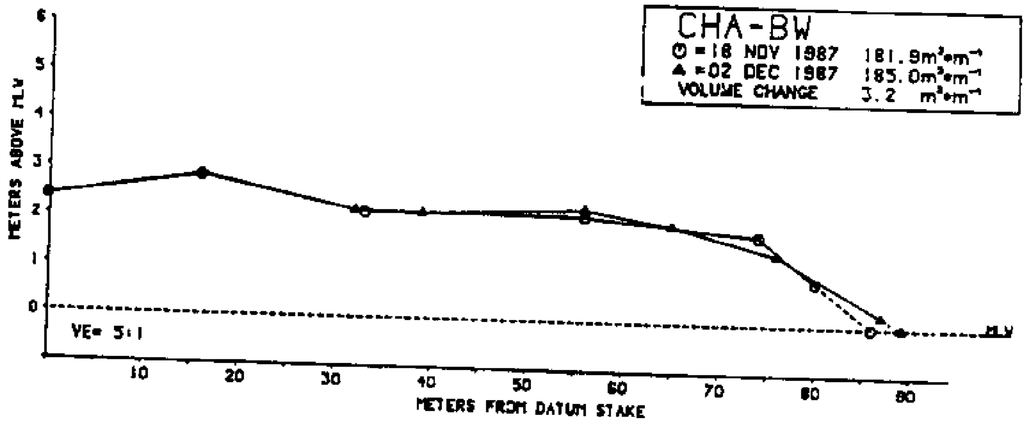

CHA-BW
⊙ =12 SEP 1987 176.5m³•m⁻¹
▲ =23 SEP 1987 180.5m³•m⁻¹
VOLUME CHANGE 4.0 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

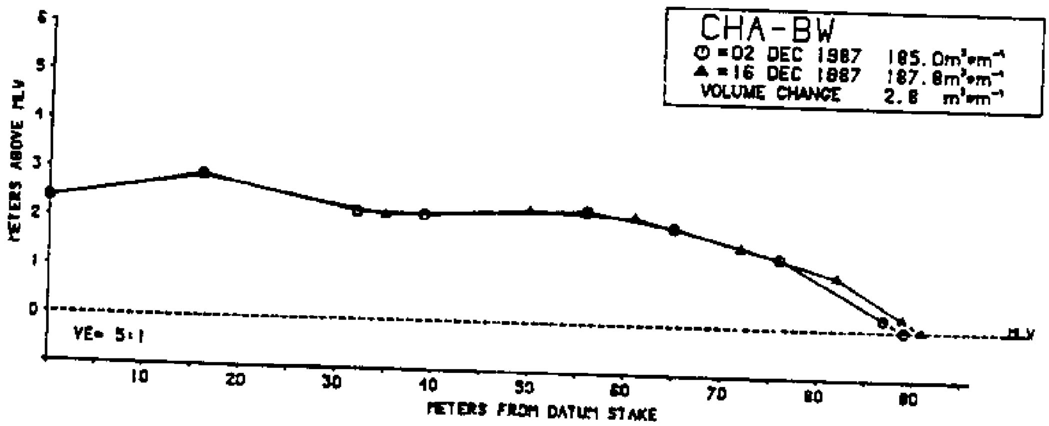

CHA-BW
O =23 SEP 1987 180.5m³•m⁻¹
▲ =07 OCT 1987 182.1m³•m⁻¹
VOLUME CHANGE 1.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

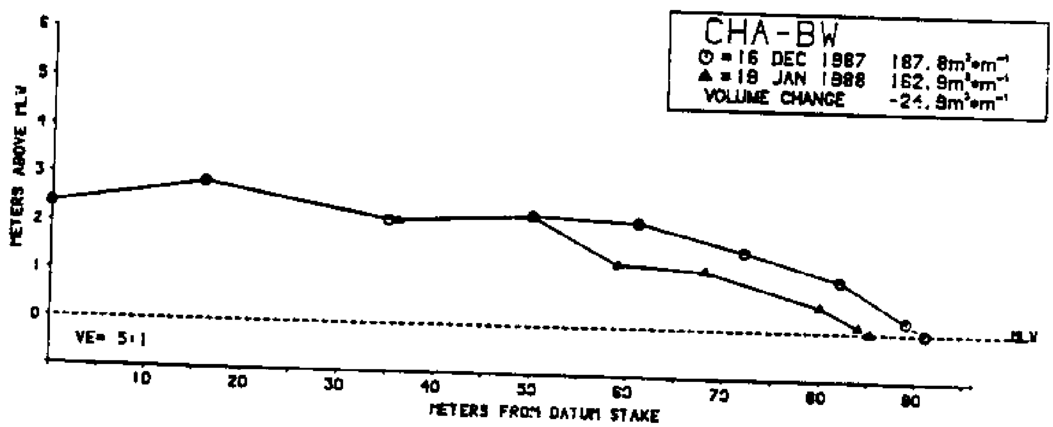

CHA-BW
O =07 OCT 1987 182.1m³•m⁻¹
▲ =23 OCT 1987 187.1m³•m⁻¹
VOLUME CHANGE 4.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

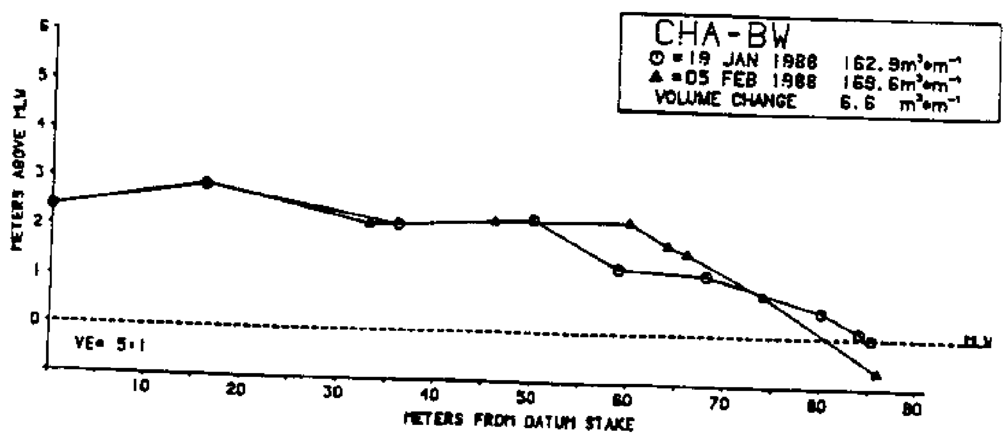

CHA-BW
O =23 OCT 1987 187.1m³•m⁻¹
▲ =06 NOV 1987 186.7m³•m⁻¹
VOLUME CHANGE -0.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

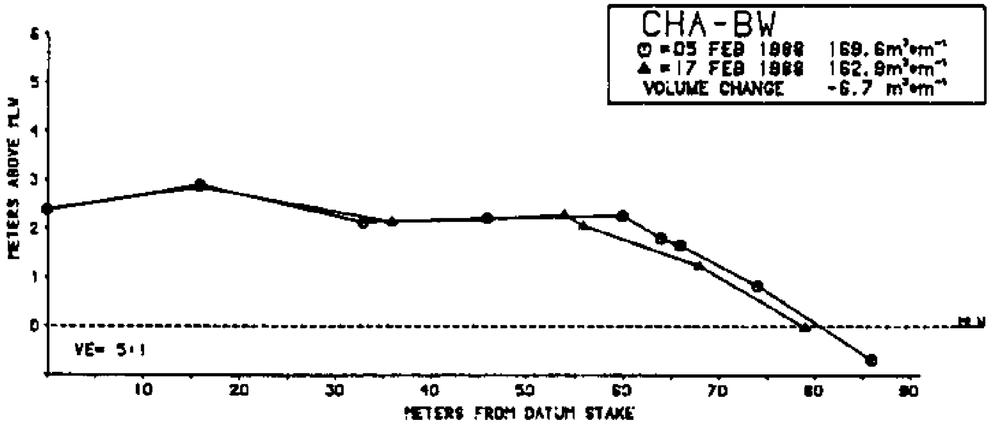

CHA-BW
O =06 NOV 1987 186.7m³•m⁻¹
▲ =18 NOV 1987 181.9m³•m⁻¹
VOLUME CHANGE -4.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

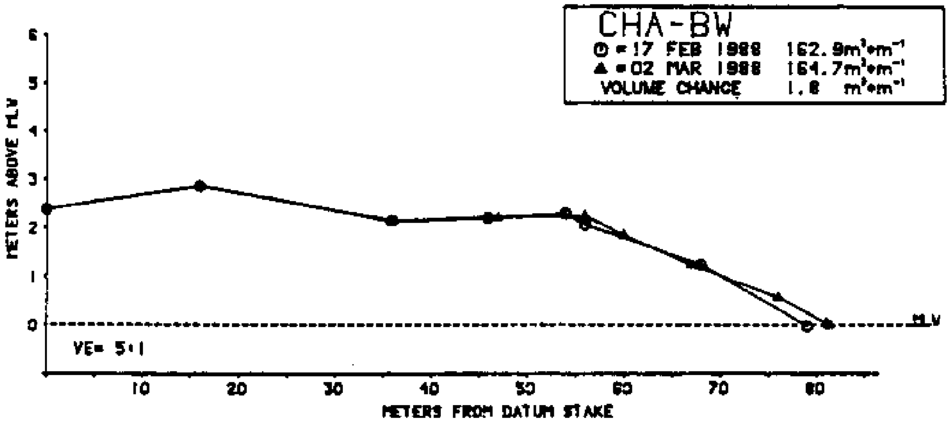

CHA-BW
O = 18 NOV 1987 181.9m^3•m^{-1}
▲ = 02 DEC 1987 185.0m^3•m^{-1}
VOLUME CHANGE 3.2 m^3•m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


CHA-BW
O = 02 DEC 1987 185.0m^3•m^{-1}
▲ = 16 DEC 1987 187.8m^3•m^{-1}
VOLUME CHANGE 2.8 m^3•m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


CHA-BW
O = 16 DEC 1987 187.8m^3•m^{-1}
▲ = 19 JAN 1988 162.9m^3•m^{-1}
VOLUME CHANGE -24.9m^3•m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

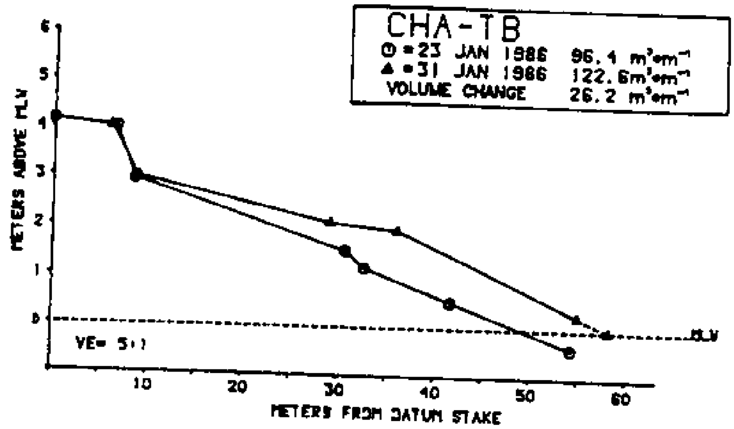

CHA-BW
O = 19 JAN 1988 162.9m^3•m^{-1}
▲ = 05 FEB 1988 169.6m^3•m^{-1}
VOLUME CHANGE 6.6 m^3•m^{-1}
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

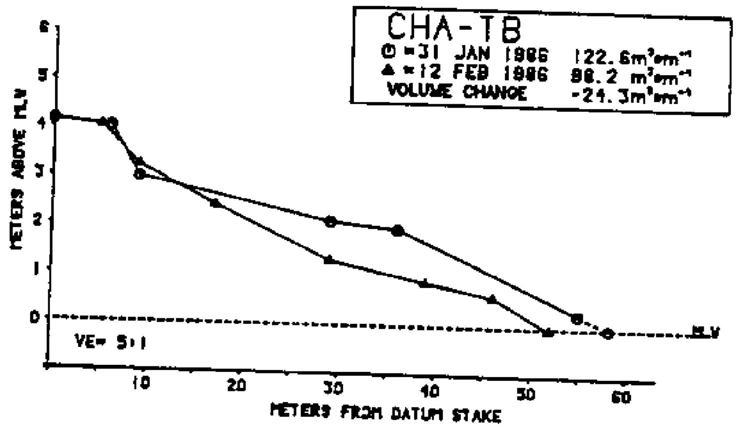

CHA-BW
⊙ =05 FEB 1988 169.6m³•m⁻¹
▲ =17 FEB 1988 162.9m³•m⁻¹
VOLUME CHANGE -6.7 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

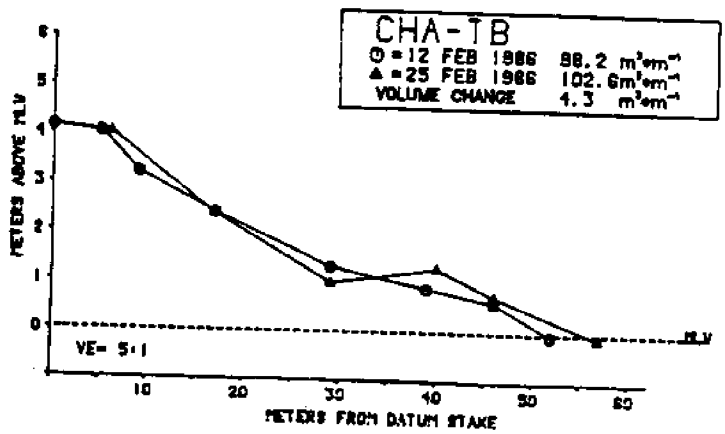

CHA-BW
⊙ =17 FEB 1988 162.9m³•m⁻¹
▲ =02 MAR 1988 164.7m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

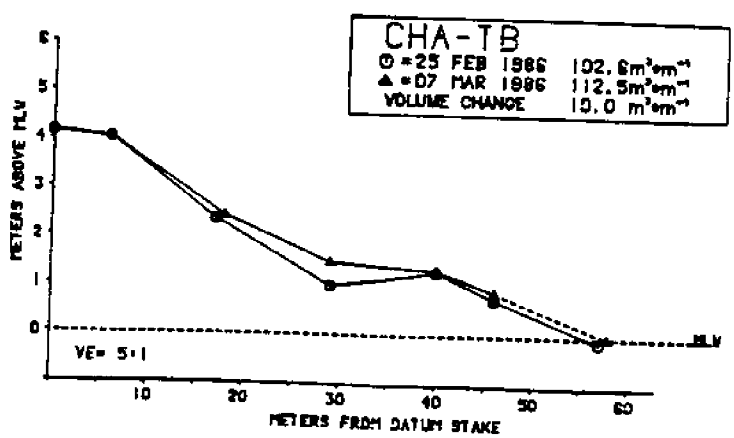
APPENDIX 1C

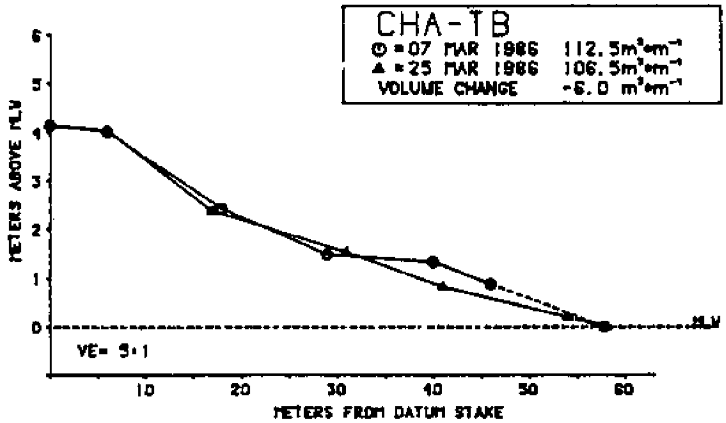
CHA-TB Profile Plots

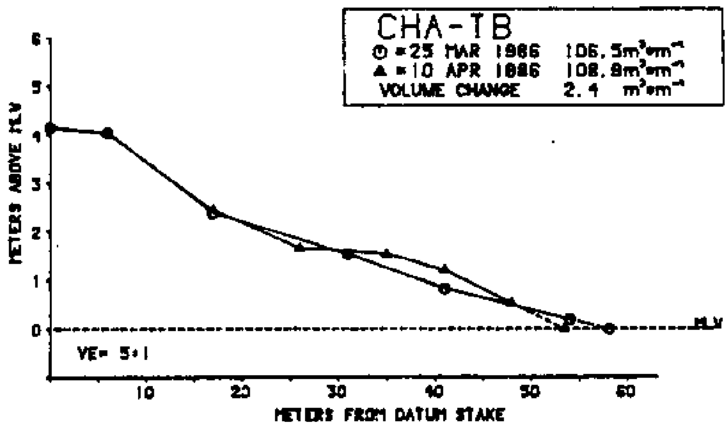

CHA-TB
⊙ = 23 JAN 1986 96.4 m³•m⁻¹
▲ = 31 JAN 1986 122.6m³•m⁻¹
VOLUME CHANGE 26.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

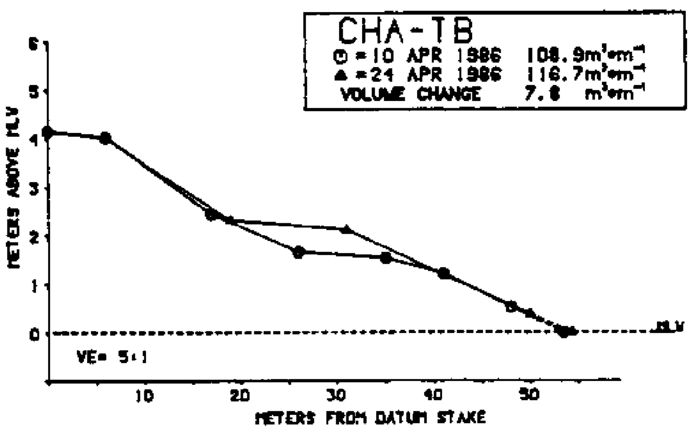

CHA-TB
⊙ = 31 JAN 1986 122.6m³•m⁻¹
▲ = 12 FEB 1986 98.2 m³•m⁻¹
VOLUME CHANGE -24.3m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

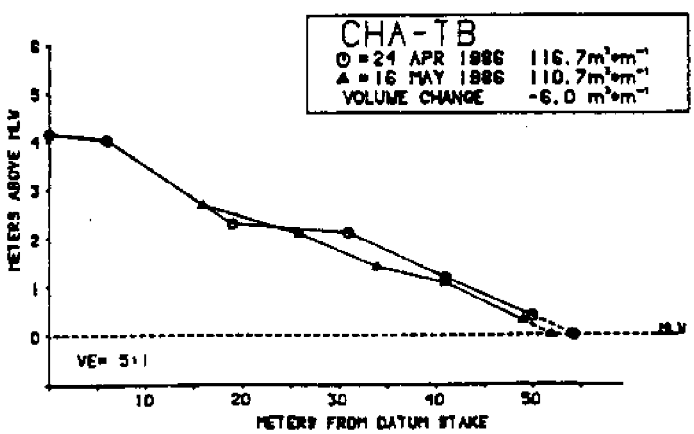

CHA-TB
⊙ = 12 FEB 1986 98.2 m³•m⁻¹
▲ = 25 FEB 1986 102.6m³•m⁻¹
VOLUME CHANGE 4.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

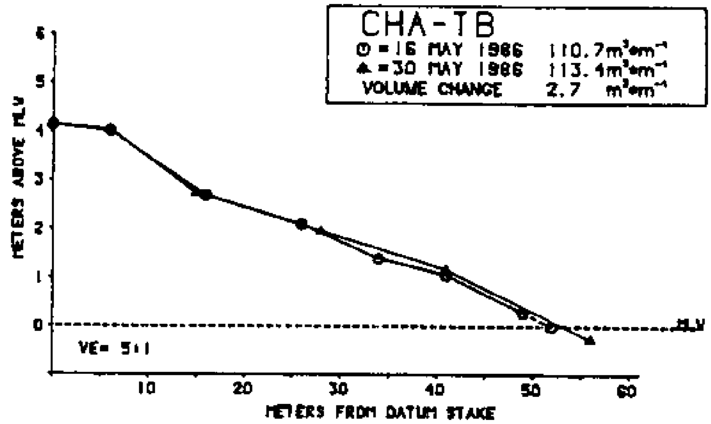

CHA-TB
⊙ = 25 FEB 1986 102.6m³•m⁻¹
▲ = 07 MAR 1986 112.5m³•m⁻¹
VOLUME CHANGE 10.0 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

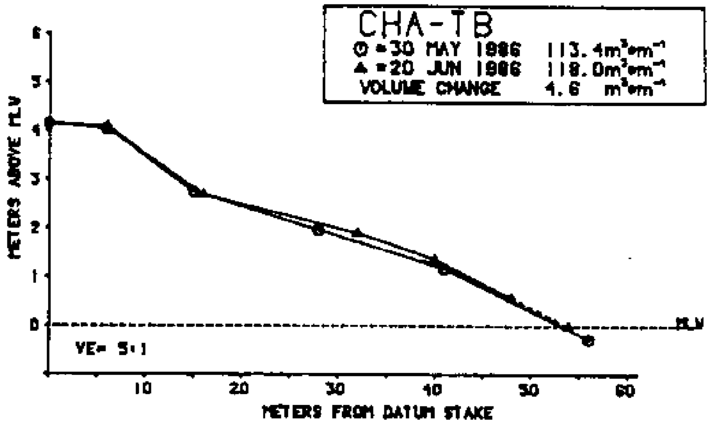

CHA-TB
⊙ =07 MAR 1986 112.5$m^3 \cdot m^{-1}$
▲ =25 MAR 1986 106.5$m^3 \cdot m^{-1}$
VOLUME CHANGE -6.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

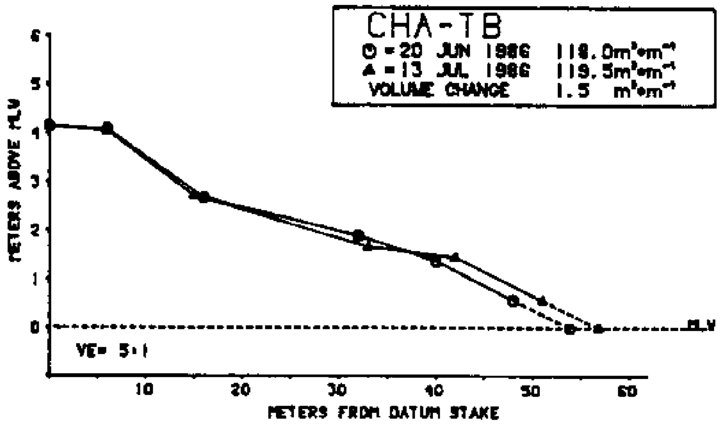

CHA-TB
⊙ =25 MAR 1986 106.5$m^3 \cdot m^{-1}$
▲ =10 APR 1986 108.9$m^3 \cdot m^{-1}$
VOLUME CHANGE 2.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

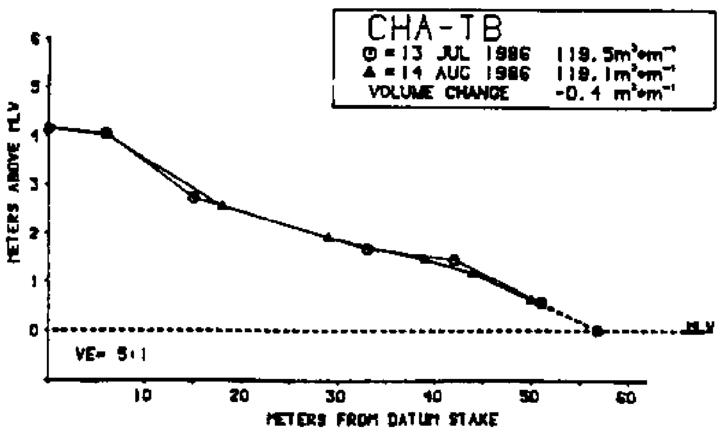

CHA-TB
⊙ =10 APR 1986 108.9$m^3 \cdot m^{-1}$
▲ =24 APR 1986 116.7$m^3 \cdot m^{-1}$
VOLUME CHANGE 7.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

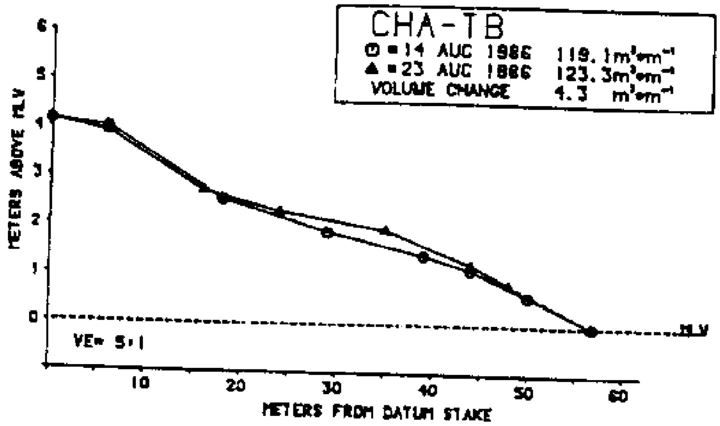

CHA-TB
⊙ =24 APR 1986 116.7$m^3 \cdot m^{-1}$
▲ =16 MAY 1986 110.7$m^3 \cdot m^{-1}$
VOLUME CHANGE -6.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

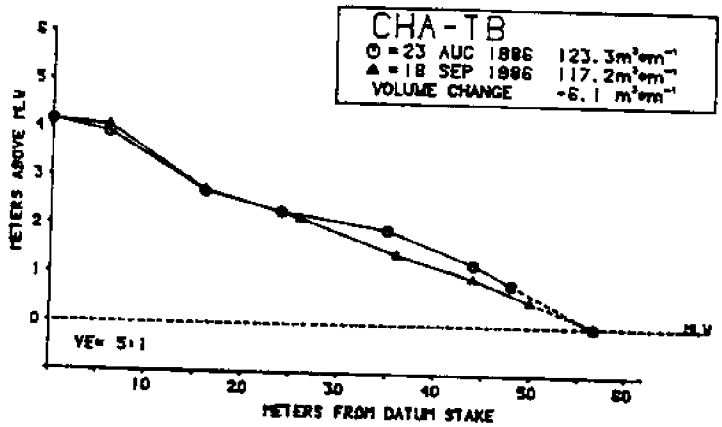

CHA-TB
⊙ = 16 MAY 1986 110.7m³•m⁻¹
▲ = 30 MAY 1986 113.4m³•m⁻¹
VOLUME CHANGE 2.7 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

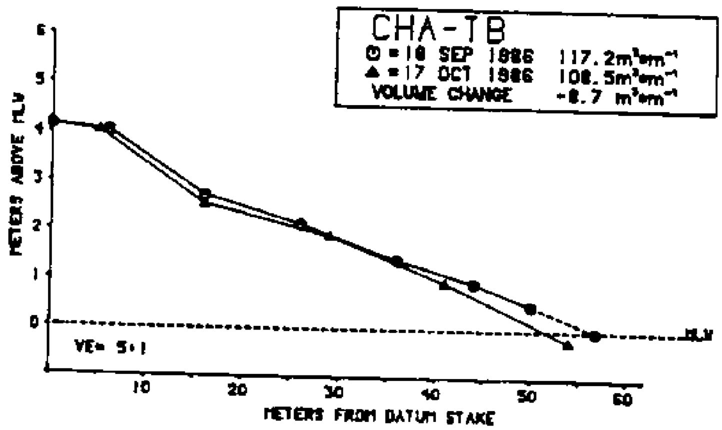

CHA-TB
⊙ = 30 MAY 1986 113.4m³•m⁻¹
▲ = 20 JUN 1986 118.0m³•m⁻¹
VOLUME CHANGE 4.6 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

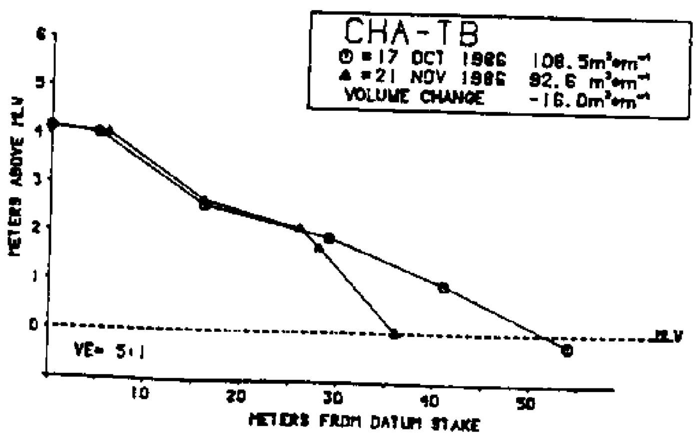

CHA-TB
⊙ = 20 JUN 1986 118.0m³•m⁻¹
▲ = 13 JUL 1986 119.5m³•m⁻¹
VOLUME CHANGE 1.5 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

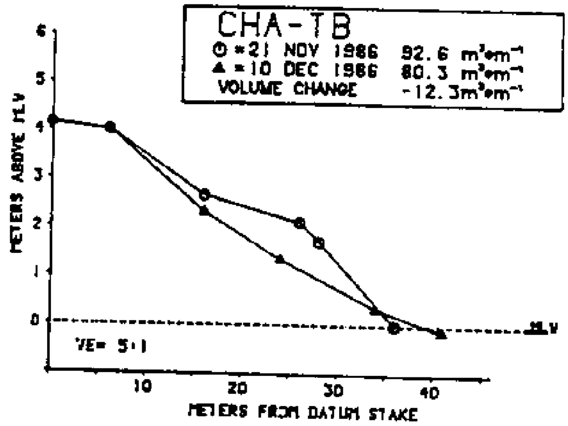

CHA-TB
⊙ = 13 JUL 1986 119.5m³•m⁻¹
▲ = 14 AUG 1986 119.1m³•m⁻¹
VOLUME CHANGE -0.4 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

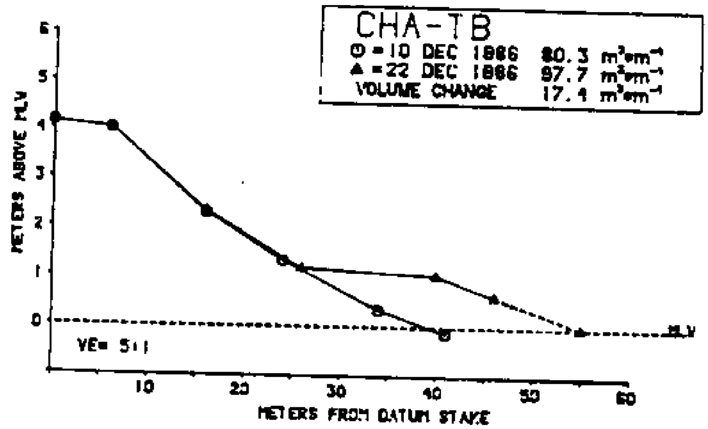

CHA-TB
⊙ = 14 AUG 1986 119.1 $m^3 \cdot m^{-1}$
▲ = 23 AUG 1986 123.3 $m^3 \cdot m^{-1}$
VOLUME CHANGE 4.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

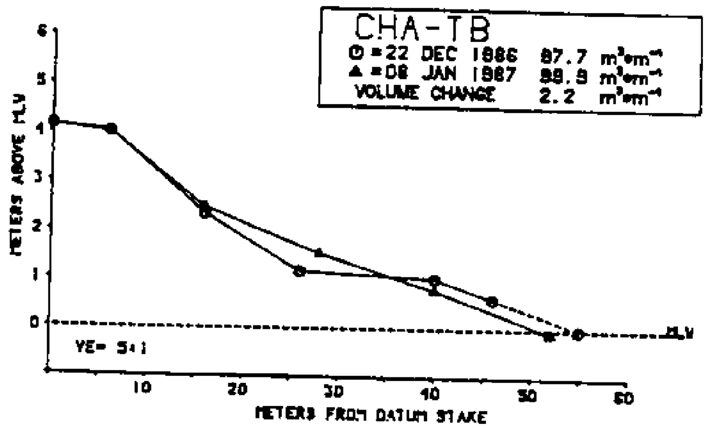

CHA-TB
⊙ = 23 AUG 1986 123.3 $m^3 \cdot m^{-1}$
▲ = 18 SEP 1986 117.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -6.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

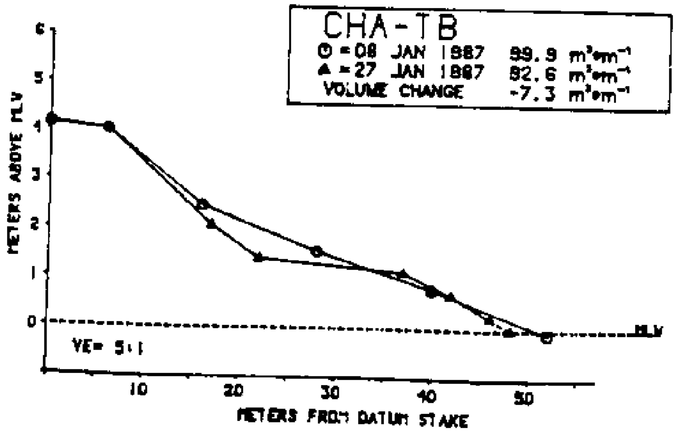

CHA-TB
⊙ = 18 SEP 1986 117.2 $m^3 \cdot m^{-1}$
▲ = 17 OCT 1986 108.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE -8.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

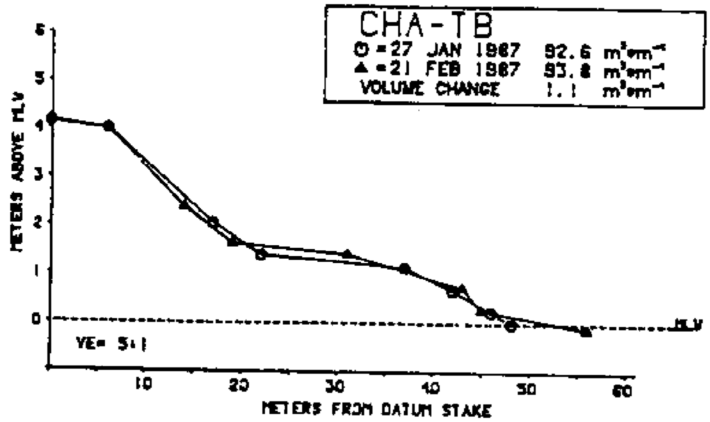

CHA-TB
⊙ = 17 OCT 1986 108.5 $m^3 \cdot m^{-1}$
▲ = 21 NOV 1986 92.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE -16.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

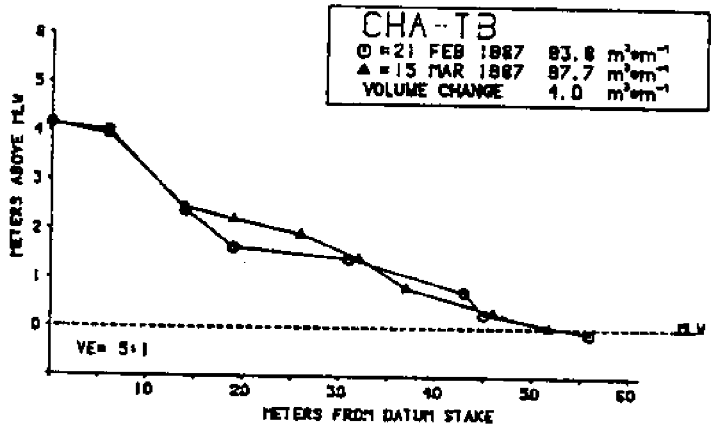

CHA-TB
O = 21 NOV 1986 92.6 $m^3 m^{-1}$
▲ = 10 DEC 1986 80.3 $m^3 m^{-1}$
VOLUME CHANGE -12.3 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

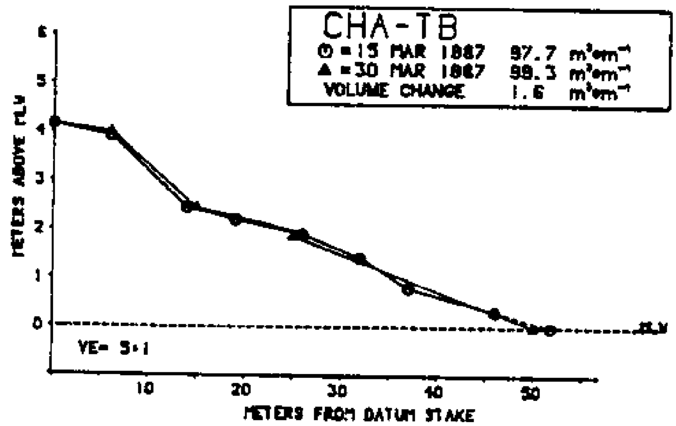

CHA-TB
O = 10 DEC 1986 80.3 $m^3 m^{-1}$
▲ = 22 DEC 1986 97.7 $m^3 m^{-1}$
VOLUME CHANGE 17.4 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

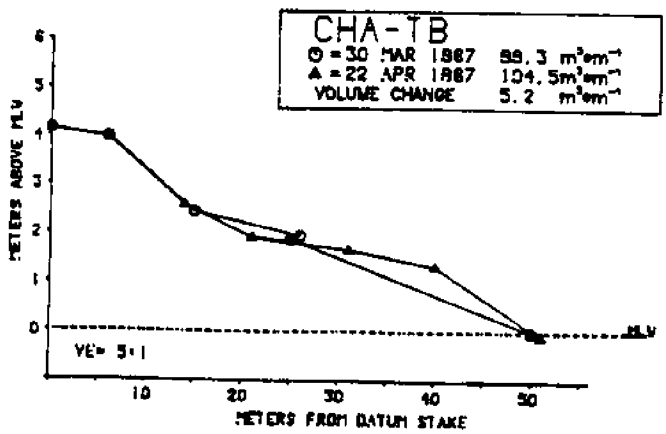

CHA-TB
O = 22 DEC 1986 97.7 $m^3 m^{-1}$
▲ = 08 JAN 1987 99.9 $m^3 m^{-1}$
VOLUME CHANGE 2.2 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

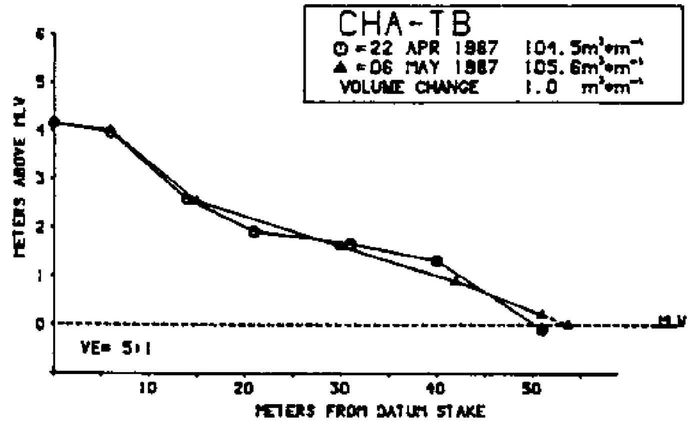

CHA-TB
O = 08 JAN 1987 99.9 $m^3 m^{-1}$
▲ = 27 JAN 1987 92.6 $m^3 m^{-1}$
VOLUME CHANGE -7.3 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

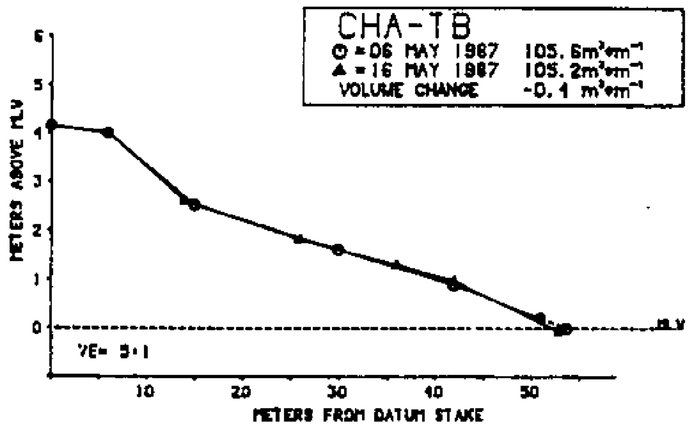

CHA-TB
O =27 JAN 1987 92.6 $m^3 m^{-1}$
▲ =21 FEB 1987 93.8 $m^3 m^{-1}$
VOLUME CHANGE 1.1 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

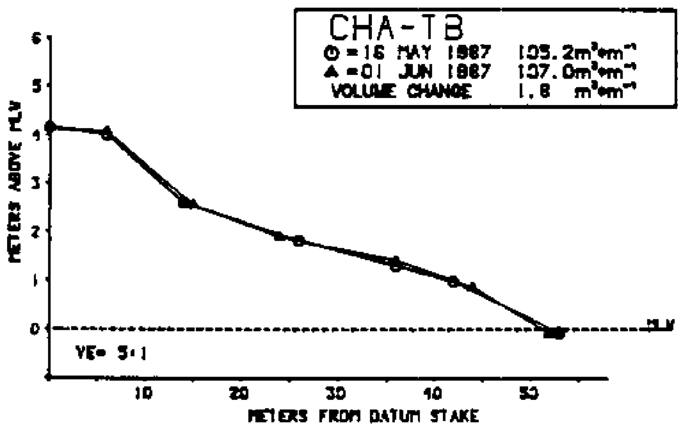

CHA-TB
O =21 FEB 1987 93.8 $m^3 m^{-1}$
▲ =15 MAR 1987 97.7 $m^3 m^{-1}$
VOLUME CHANGE 4.0 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

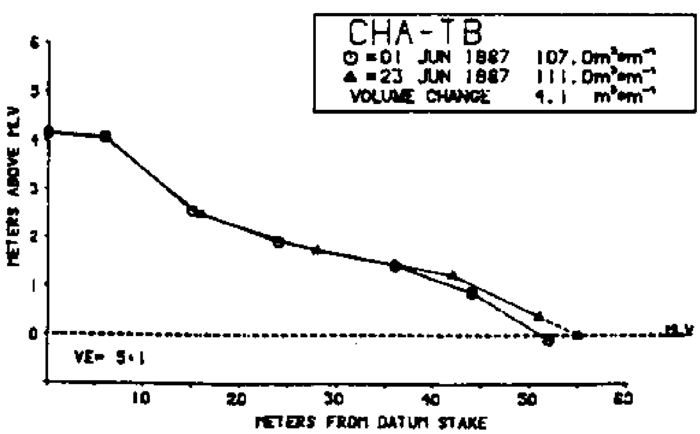

CHA-TB
O =15 MAR 1987 97.7 $m^3 m^{-1}$
▲ =30 MAR 1987 99.3 $m^3 m^{-1}$
VOLUME CHANGE 1.6 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

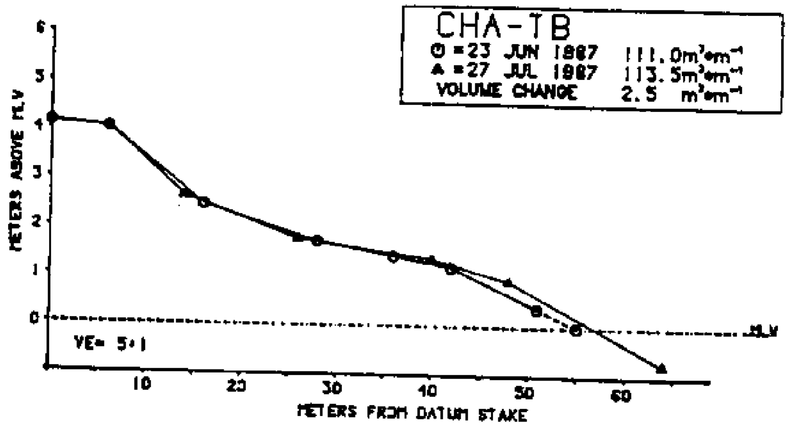

CHA-TB
O =30 MAR 1987 99.3 $m^3 m^{-1}$
▲ =22 APR 1987 104.5 $m^3 m^{-1}$
VOLUME CHANGE 5.2 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

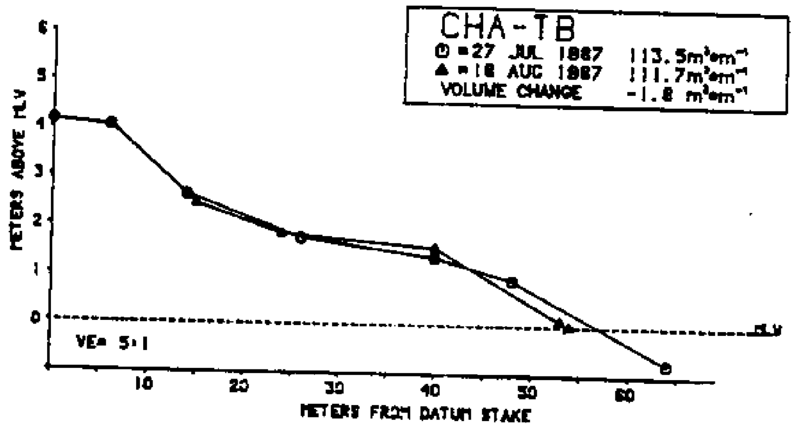

CHA-TB
O = 22 APR 1987 104.5m³•m⁻¹
▲ = 06 MAY 1987 105.6m³•m⁻¹
VOLUME CHANGE 1.0 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

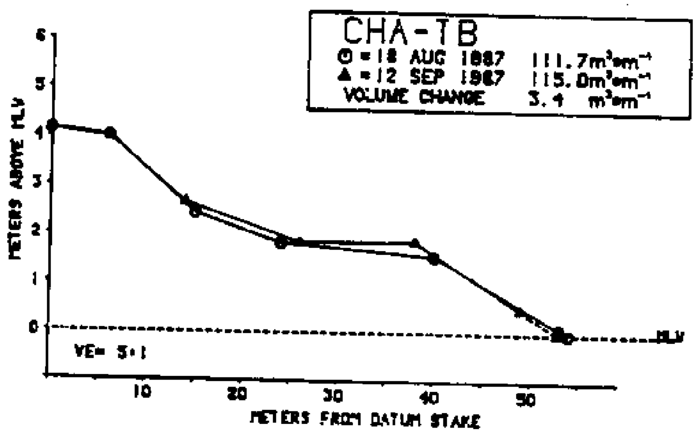

CHA-TB
O = 06 MAY 1987 105.6m³•m⁻¹
▲ = 16 MAY 1987 105.2m³•m⁻¹
VOLUME CHANGE -0.4 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

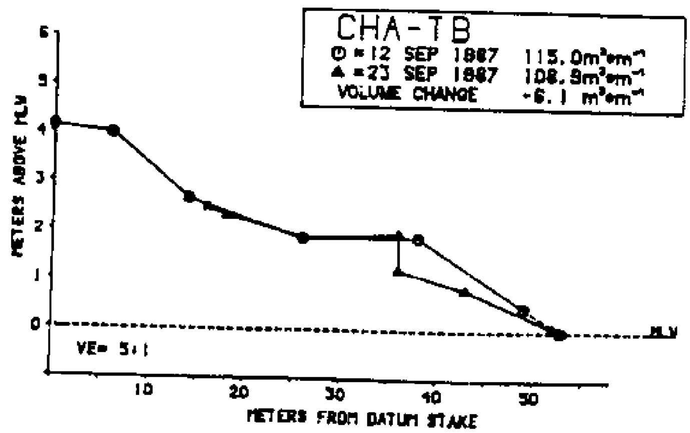

CHA-TB
O = 16 MAY 1987 105.2m³•m⁻¹
▲ = 01 JUN 1987 107.0m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

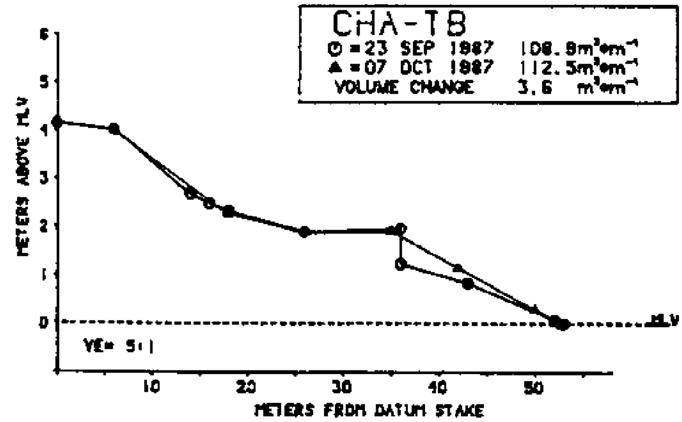

CHA-TB
O = 01 JUN 1987 107.0m³•m⁻¹
▲ = 23 JUN 1987 111.0m³•m⁻¹
VOLUME CHANGE 4.1 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

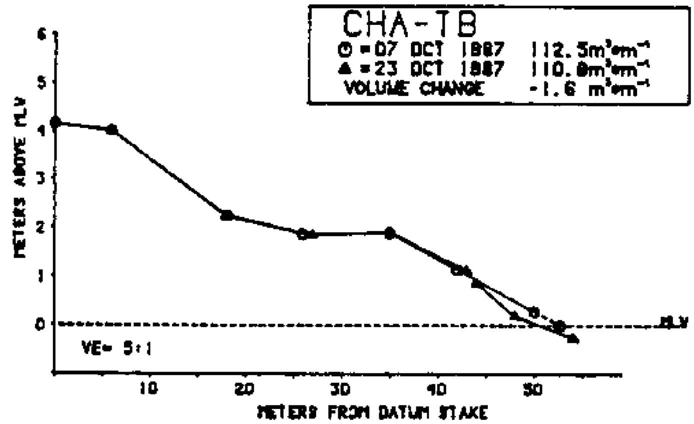

CHA-TB
⊙ =23 JUN 1987 111.0m³m⁻¹
▲ =27 JUL 1987 113.5m³m⁻¹
VOLUME CHANGE 2.5 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

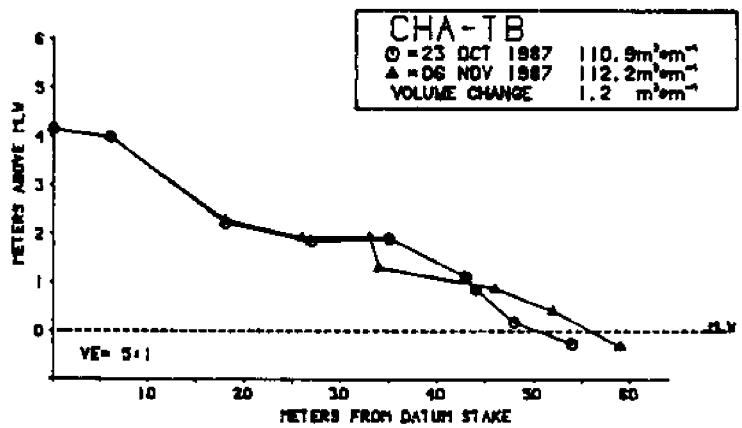

CHA-TB
⊙ =27 JUL 1987 113.5m³m⁻¹
▲ =18 AUG 1987 111.7m³m⁻¹
VOLUME CHANGE -1.8 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

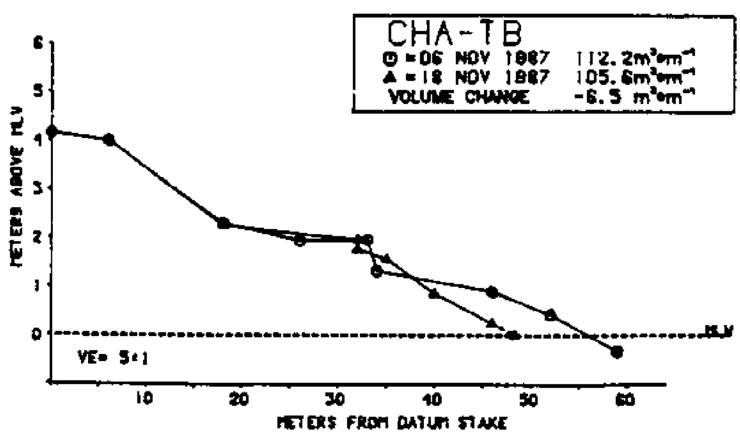

CHA-TB
⊙ =18 AUG 1987 111.7m³m⁻¹
▲ =12 SEP 1987 115.0m³m⁻¹
VOLUME CHANGE 3.4 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

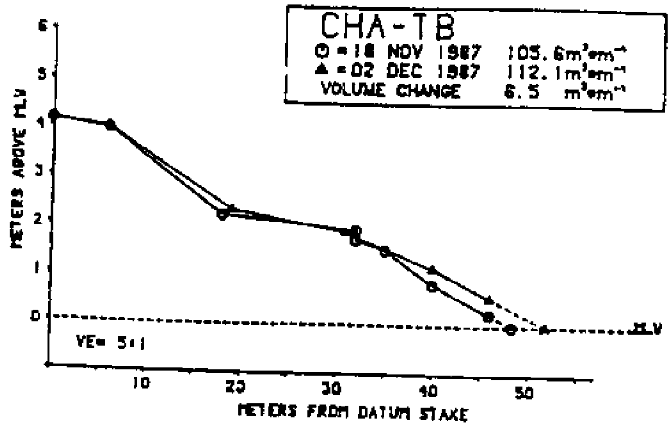

CHA-TB
⊙ =12 SEP 1987 115.0m³m⁻¹
▲ =23 SEP 1987 108.9m³m⁻¹
VOLUME CHANGE -6.1 m³m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

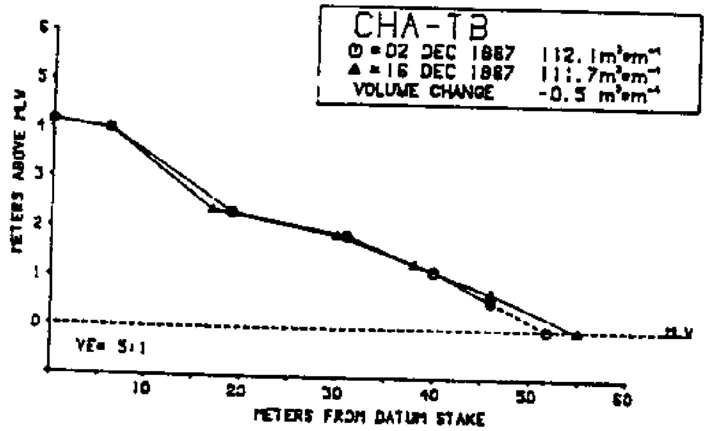

CHA-TB
O = 23 SEP 1987 108.9 $m^3 \cdot m^{-1}$
▲ = 07 OCT 1987 112.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE 3.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

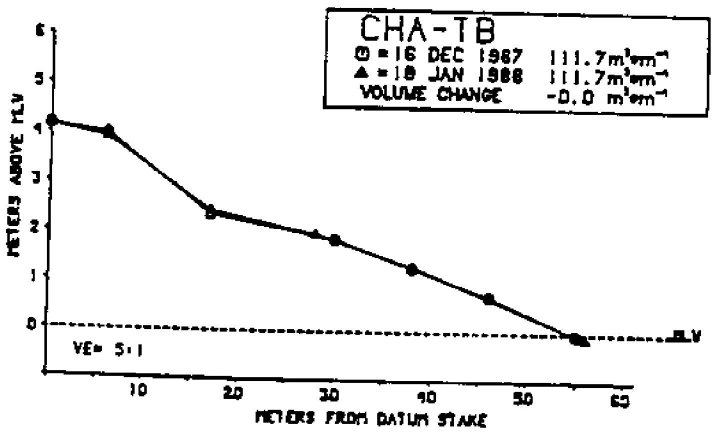

CHA-TB
O = 07 OCT 1987 112.5 $m^3 \cdot m^{-1}$
▲ = 23 OCT 1987 110.9 $m^3 \cdot m^{-1}$
VOLUME CHANGE -1.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

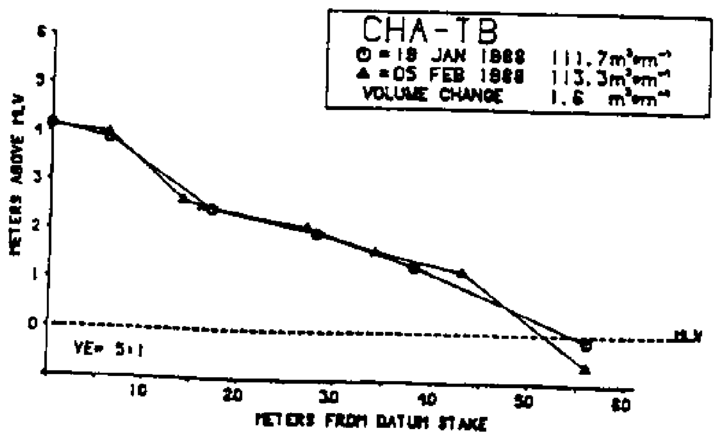

CHA-TB
O = 23 OCT 1987 110.9 $m^3 \cdot m^{-1}$
▲ = 06 NOV 1987 112.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE 1.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

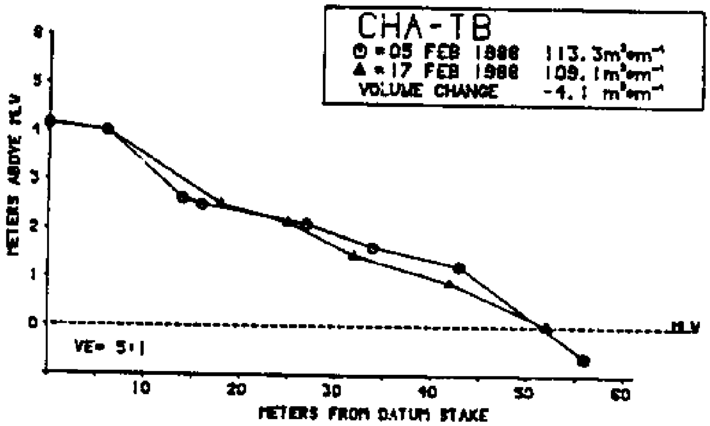

CHA-TB
O = 06 NOV 1987 112.2 $m^3 \cdot m^{-1}$
▲ = 18 NOV 1987 105.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE -6.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

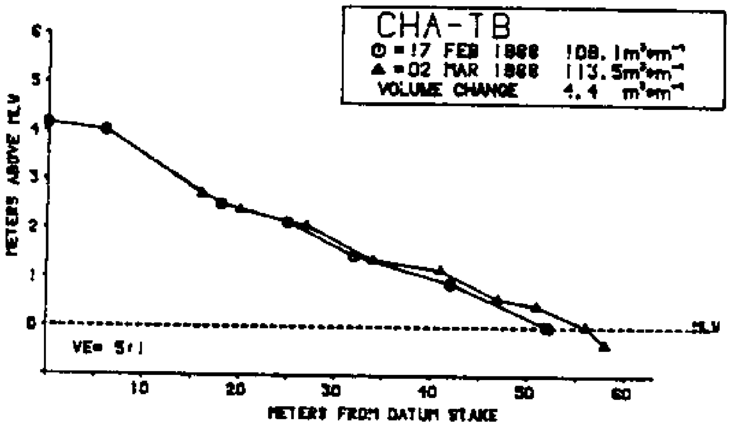

CHA-TB
⊙ = 18 NOV 1987 105.6m³•m⁻¹
▲ = 02 DEC 1987 112.1m³•m⁻¹
VOLUME CHANGE 6.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


CHA-TB
⊙ = 02 DEC 1987 112.1m³•m⁻¹
▲ = 16 DEC 1987 111.7m³•m⁻¹
VOLUME CHANGE -0.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


CHA-TB
⊙ = 16 DEC 1987 111.7m³•m⁻¹
▲ = 18 JAN 1988 111.7m³•m⁻¹
VOLUME CHANGE -0.0 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

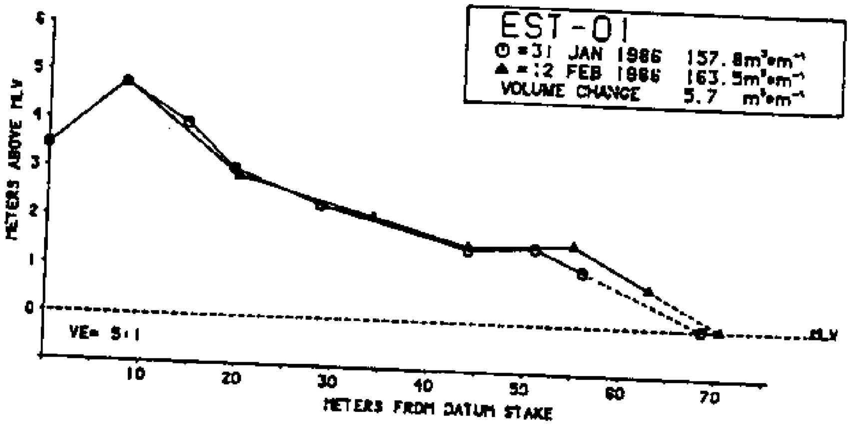

CHA-TB
⊙ = 18 JAN 1988 111.7m³•m⁻¹
▲ = 05 FEB 1988 113.3m³•m⁻¹
VOLUME CHANGE 1.6 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

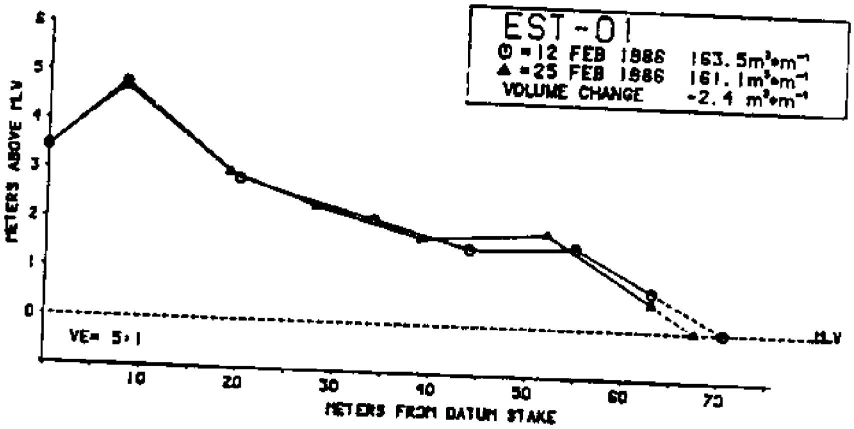

CHA-TB
○ = 05 FEB 1988 113.3 m³·m⁻¹
▲ = 17 FEB 1988 109.1 m³·m⁻¹
VOLUME CHANGE -4.1 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
10 20 30 40 50 60
METERS FROM DATUM STAKE

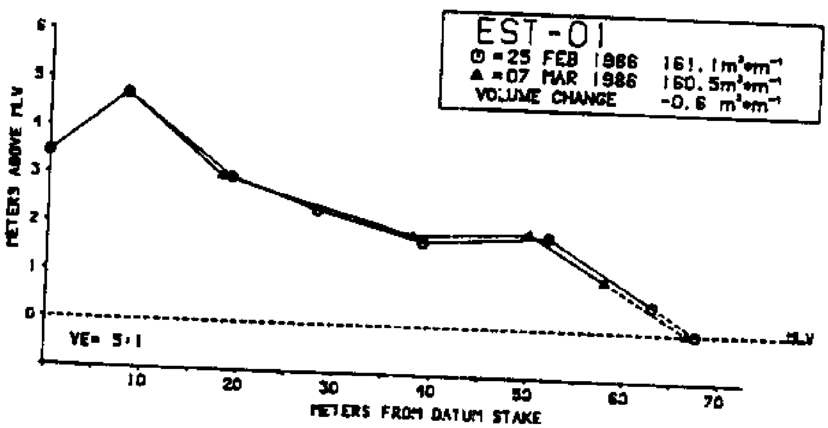

CHA-TB
○ = 17 FEB 1988 108.1 m³·m⁻¹
▲ = 02 MAR 1988 113.5 m³·m⁻¹
VOLUME CHANGE 4.4 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
10 20 30 40 50 60
METERS FROM DATUM STAKE

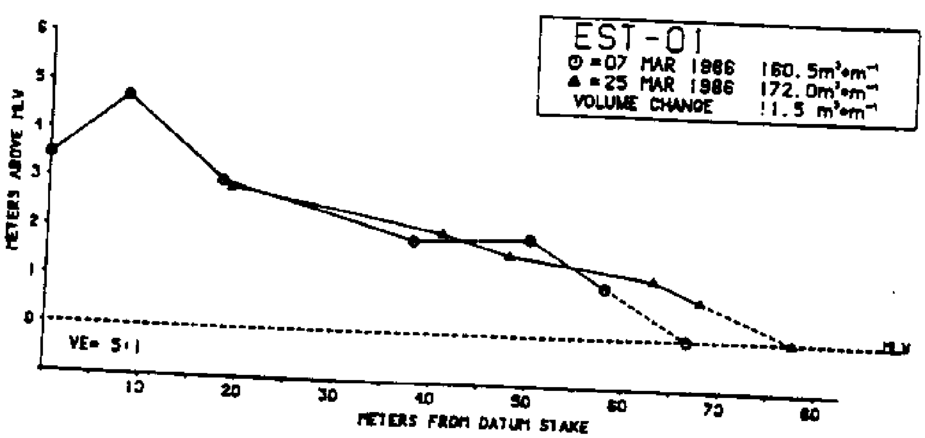
APPENDIX 1D

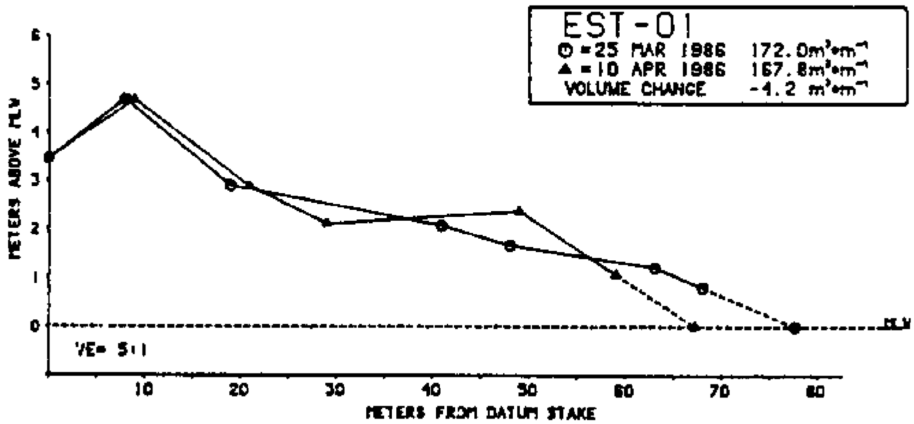
EST-01 Profile Plots

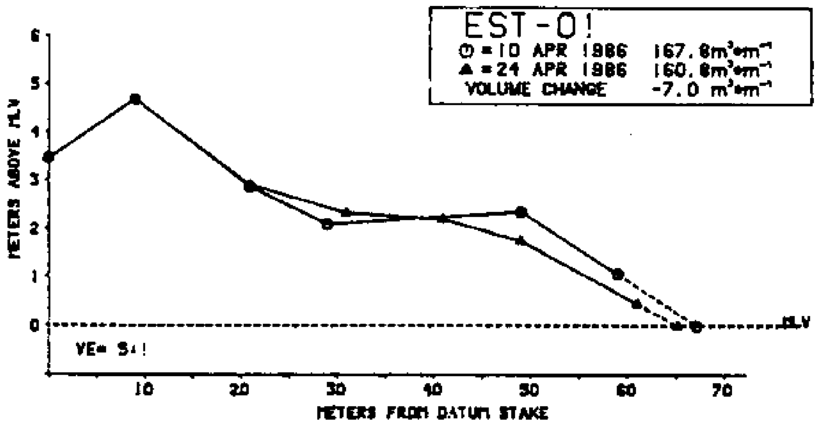

EST-01
○ =31 JAN 1986 157.8m³•m⁻¹
▲ =12 FEB 1986 163.5m³•m⁻¹
VOLUME CHANGE 5.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

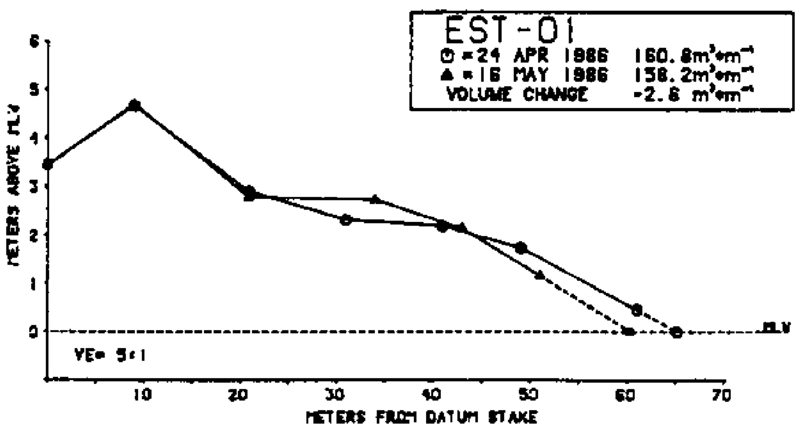

EST-01
○ =12 FEB 1986 163.5m³•m⁻¹
▲ =25 FEB 1986 161.1m³•m⁻¹
VOLUME CHANGE -2.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

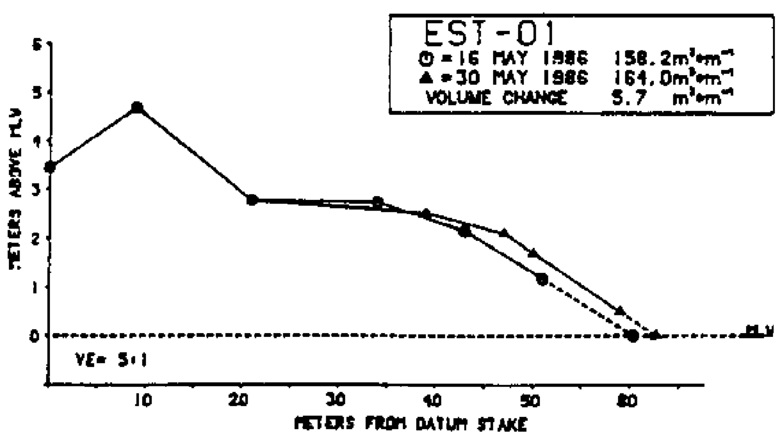

EST-01
○ =25 FEB 1986 161.1m³•m⁻¹
▲ =07 MAR 1986 160.5m³•m⁻¹
VOLUME CHANGE -0.6 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

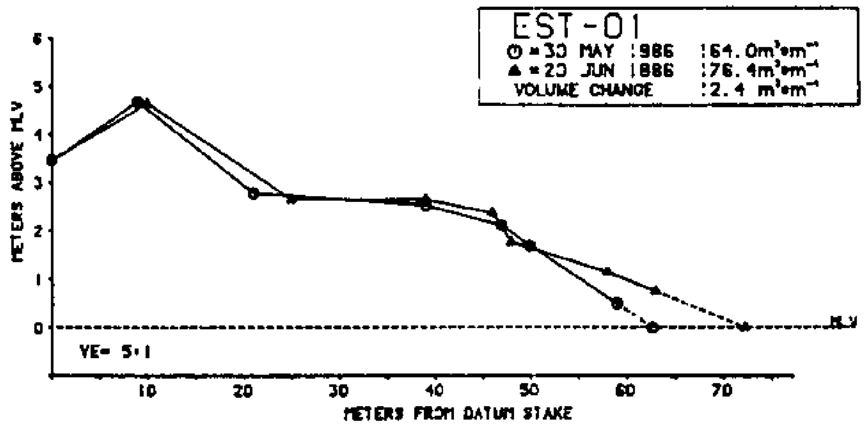

EST-01
○ =07 MAR 1986 160.5m³•m⁻¹
▲ =25 MAR 1986 172.0m³•m⁻¹
VOLUME CHANGE 11.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

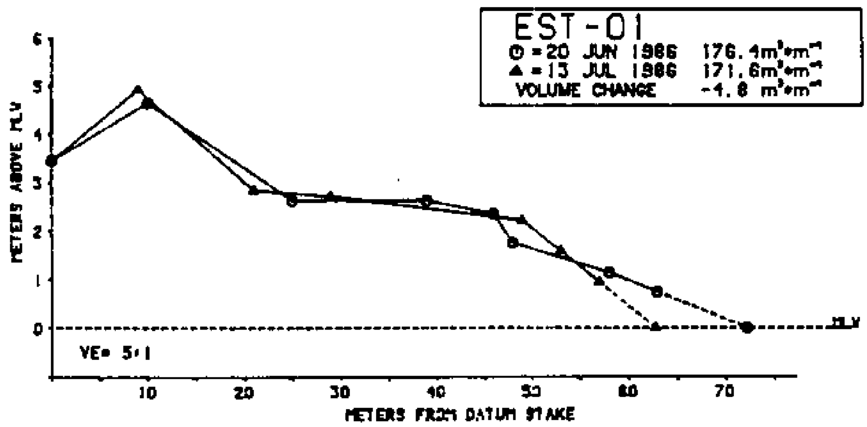

EST-01
⊙ =25 MAR 1986 172.0 $m^3 \cdot m^{-1}$
▲ =10 APR 1986 167.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -4.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

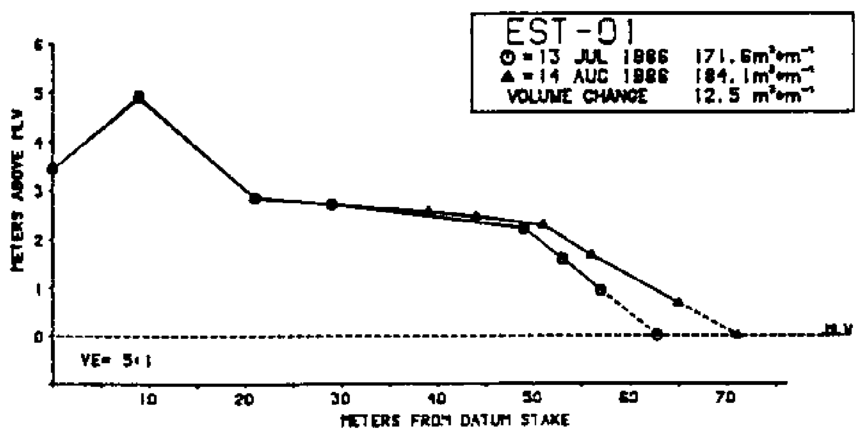

EST-01
⊙ =10 APR 1986 167.8 $m^3 \cdot m^{-1}$
▲ =24 APR 1986 160.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -7.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

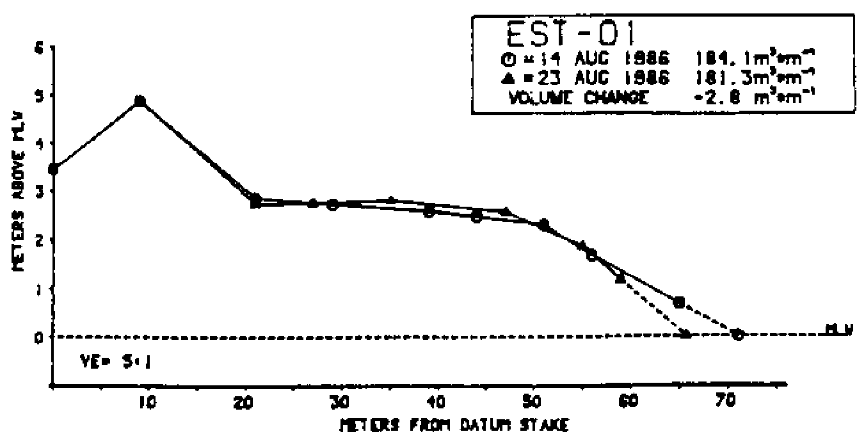

EST-01
⊙ =24 APR 1986 160.8 $m^3 \cdot m^{-1}$
▲ =16 MAY 1986 158.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -2.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

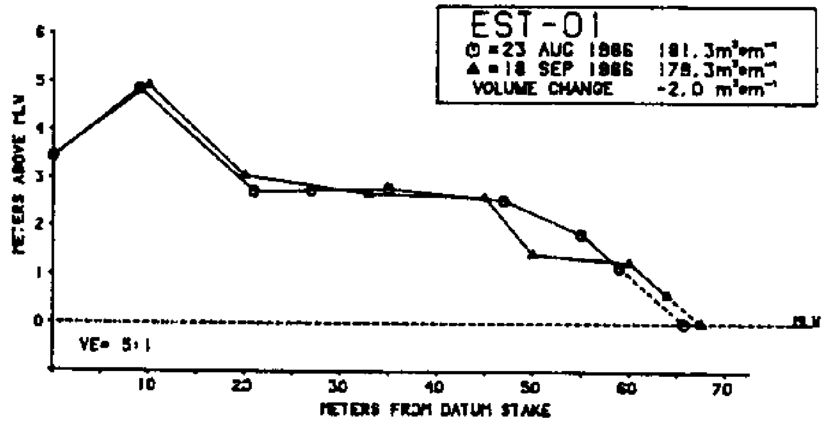

EST-01
⊙ =16 MAY 1986 158.2 $m^3 \cdot m^{-1}$
▲ =30 MAY 1986 164.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE 5.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

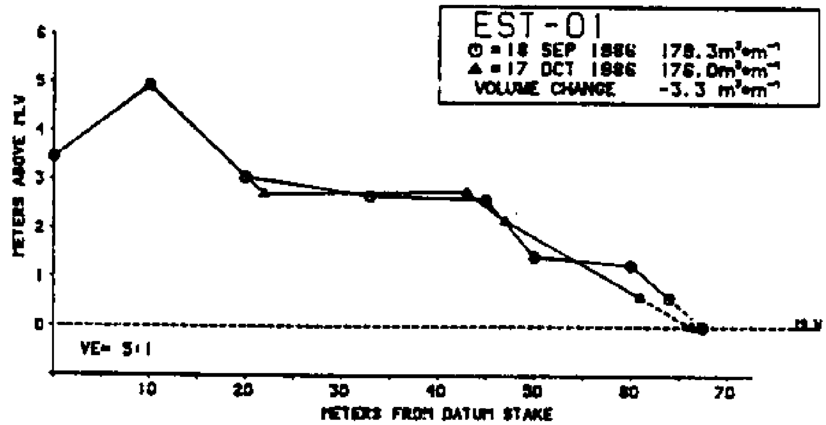

EST-01
O = 30 MAY 1986 164.0 $m^3 m^{-1}$
▲ = 20 JUN 1986 176.4 $m^3 m^{-1}$
VOLUME CHANGE 12.4 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

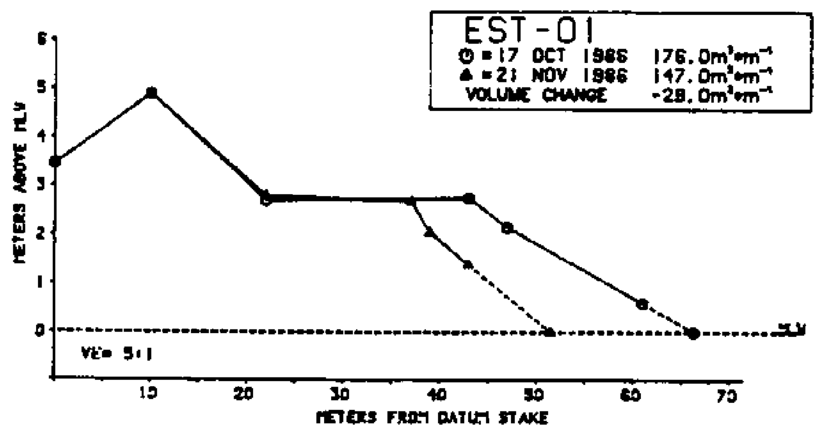

EST-01
O = 20 JUN 1986 176.4 $m^3 m^{-1}$
▲ = 13 JUL 1986 171.6 $m^3 m^{-1}$
VOLUME CHANGE -4.8 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

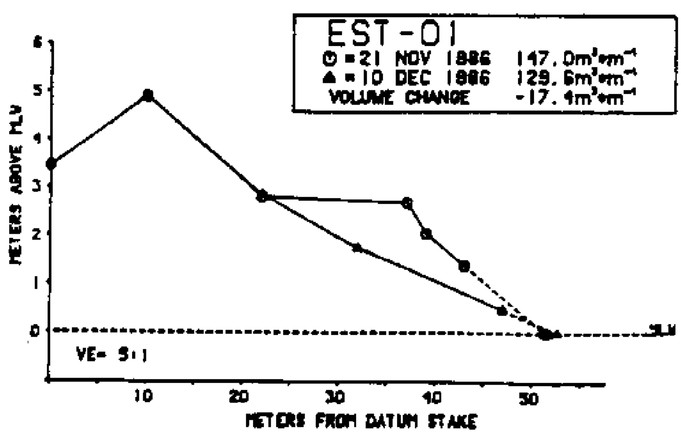

EST-01
O = 13 JUL 1986 171.6 $m^3 m^{-1}$
▲ = 14 AUG 1986 184.1 $m^3 m^{-1}$
VOLUME CHANGE 12.5 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE


EST-01
O = 14 AUG 1986 184.1 $m^3 m^{-1}$
▲ = 23 AUG 1986 181.3 $m^3 m^{-1}$
VOLUME CHANGE -2.8 $m^3 m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE


EST-01
⊙ =23 AUG 1986 181.3 $m^3 \cdot m^{-1}$
▲ =18 SEP 1986 178.3 $m^3 \cdot m^{-1}$
VOLUME CHANGE -2.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

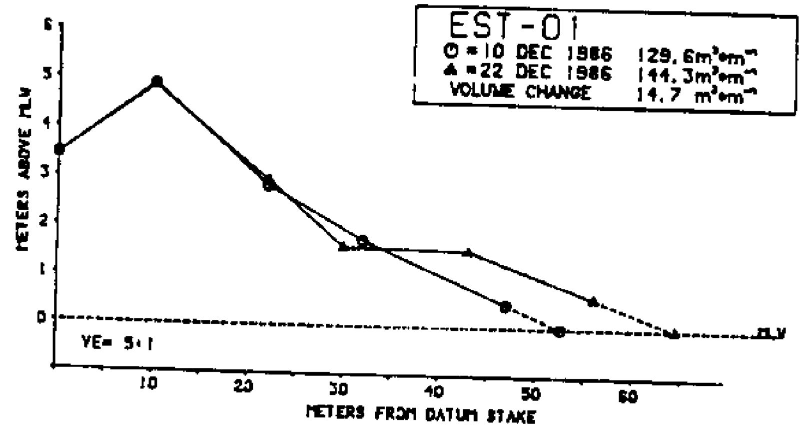

EST-01
⊙ =18 SEP 1986 178.3 $m^3 \cdot m^{-1}$
▲ =17 OCT 1986 176.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

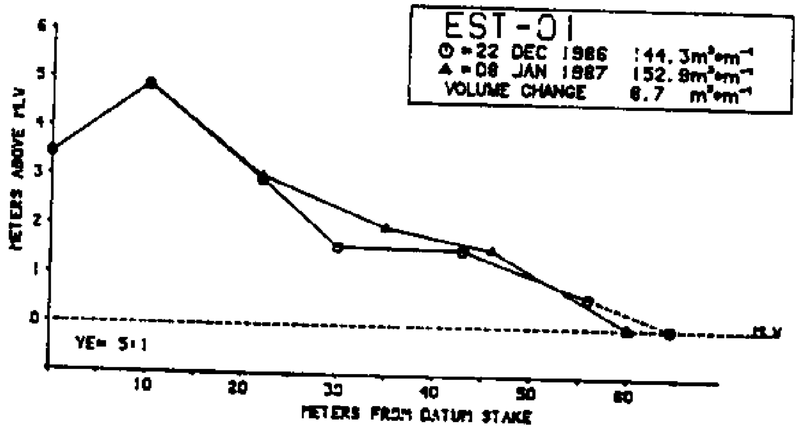

EST-01
⊙ =17 OCT 1986 176.0 $m^3 \cdot m^{-1}$
▲ =21 NOV 1986 147.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE -28.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

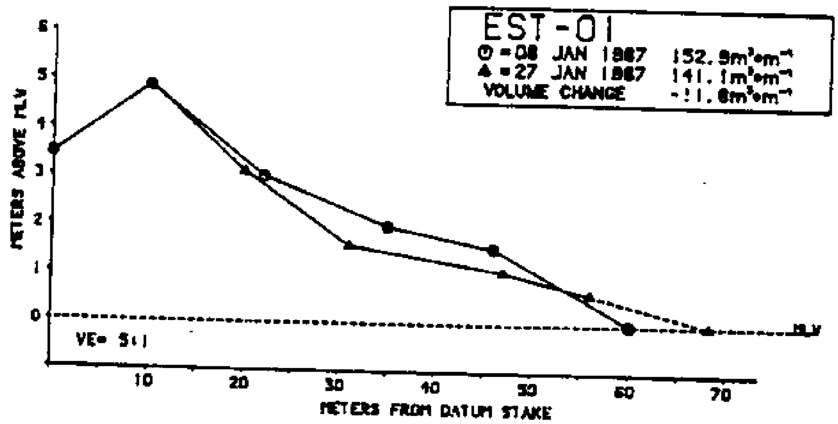

EST-01
⊙ =21 NOV 1986 147.0 $m^3 \cdot m^{-1}$
▲ =10 DEC 1986 129.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE -17.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

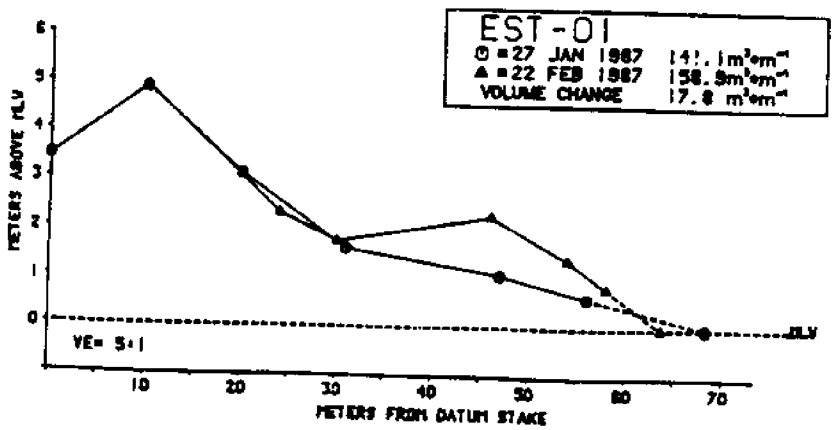
APPENDIX 2

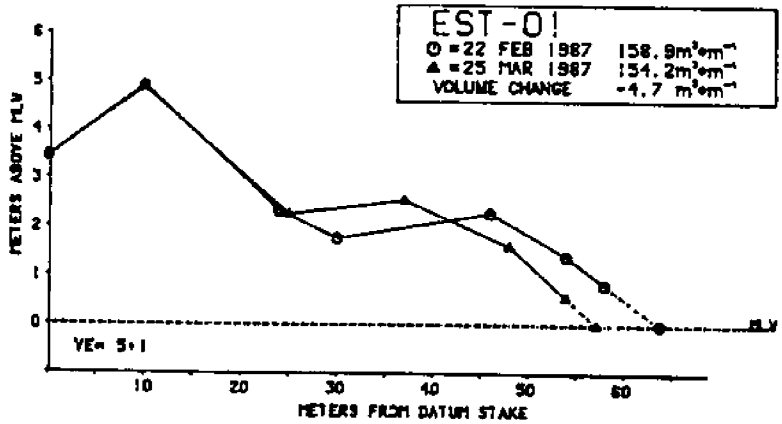
Profile Volume Time Series Graphs

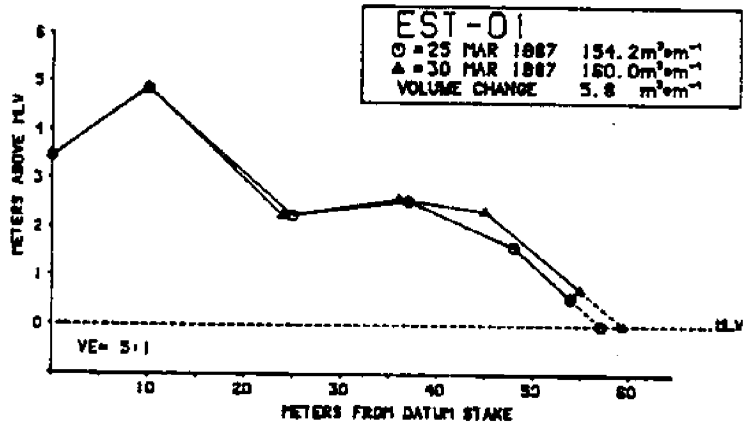

EST-01
O =10 DEC 1986 129.6 $m^3 m^{-1}$
▲ =22 DEC 1986 144.3 $m^3 m^{-1}$
VOLUME CHANGE 14.7 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

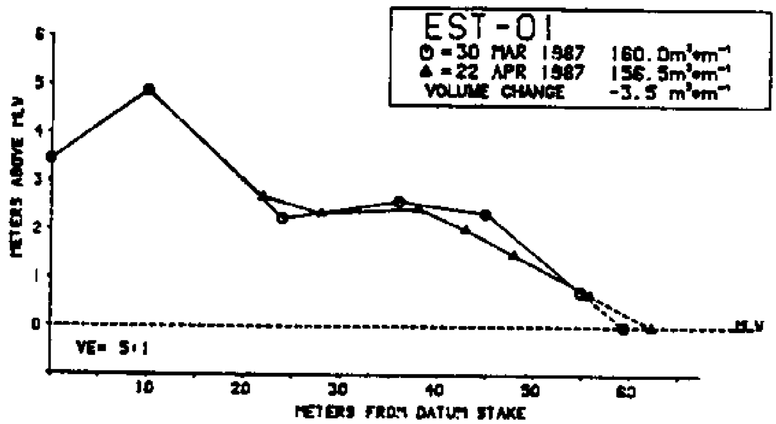

EST-01
O =22 DEC 1986 144.3 $m^3 m^{-1}$
▲ =08 JAN 1987 152.9 $m^3 m^{-1}$
VOLUME CHANGE 8.7 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

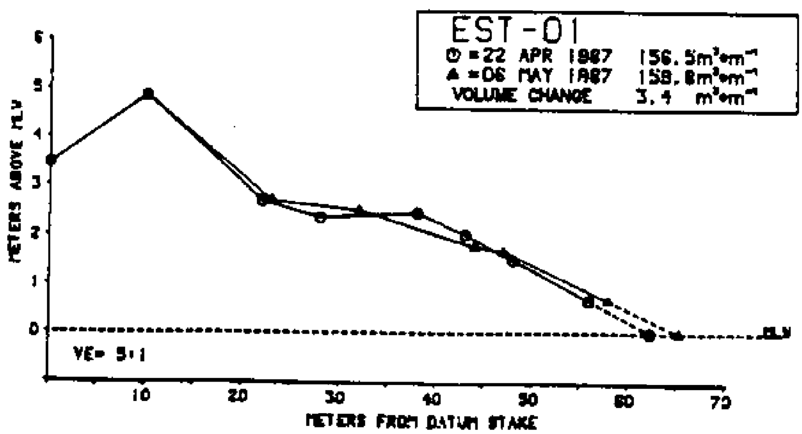

EST-01
O =08 JAN 1987 152.9 $m^3 m^{-1}$
▲ =27 JAN 1987 141.1 $m^3 m^{-1}$
VOLUME CHANGE -11.8 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

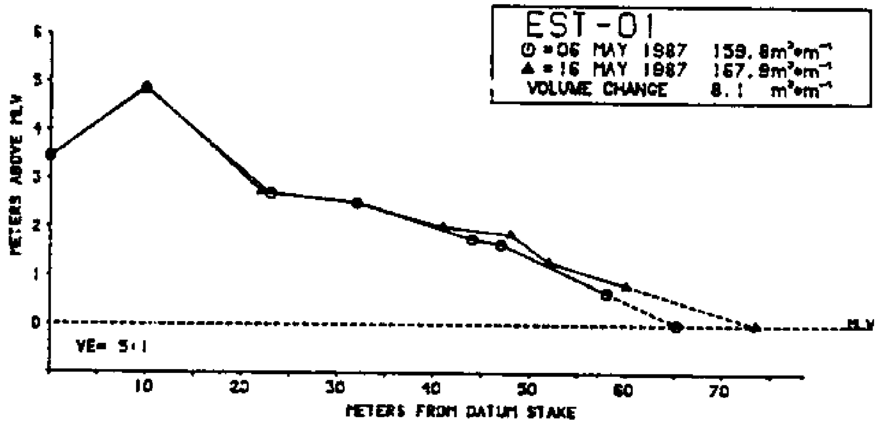

EST-01
O =27 JAN 1987 141.1 $m^3 m^{-1}$
▲ =22 FEB 1987 158.9 $m^3 m^{-1}$
VOLUME CHANGE 17.8 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

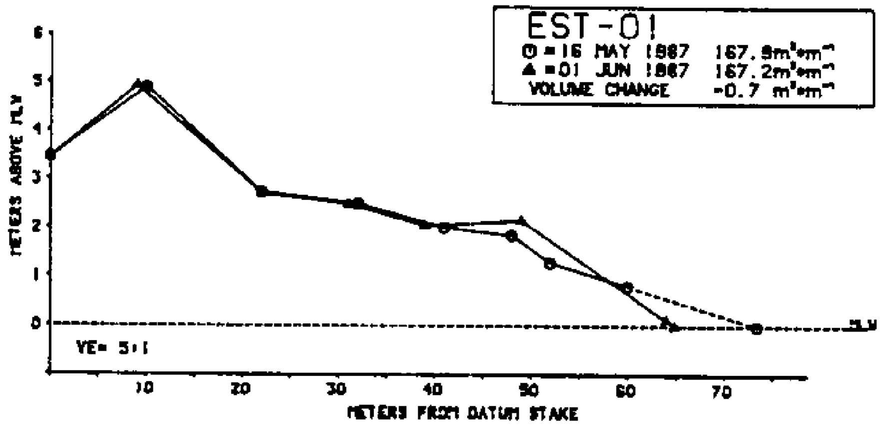

EST-01
○ =22 FEB 1987 158.9$m^3 m^{-1}$
▲ =25 MAR 1987 154.2$m^3 m^{-1}$
VOLUME CHANGE -4.7 $m^3 m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

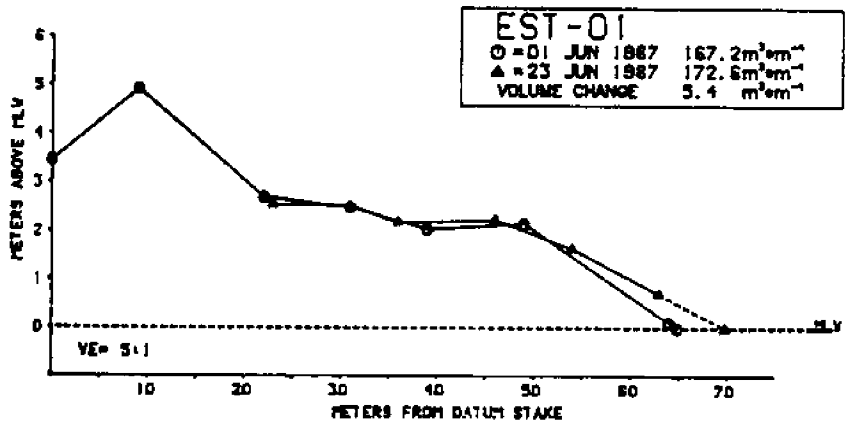

EST-01
○ =25 MAR 1987 154.2$m^3 m^{-1}$
▲ =30 MAR 1987 160.0$m^3 m^{-1}$
VOLUME CHANGE 5.8 $m^3 m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

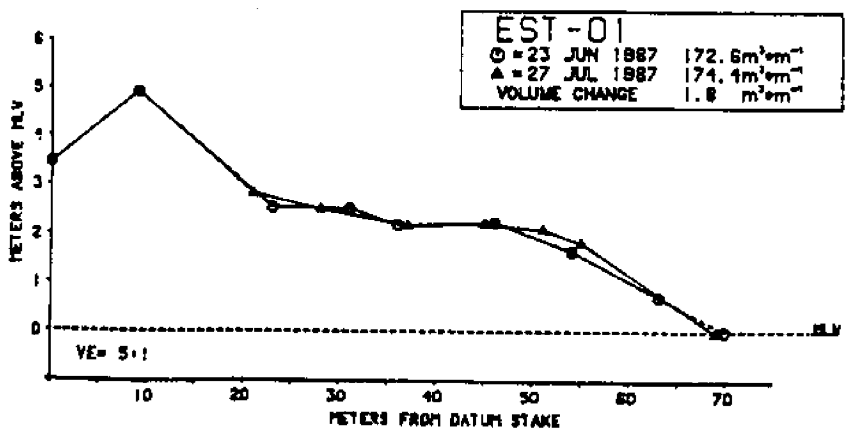

EST-01
○ =30 MAR 1987 160.0$m^3 m^{-1}$
▲ =22 APR 1987 156.5$m^3 m^{-1}$
VOLUME CHANGE -3.5 $m^3 m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

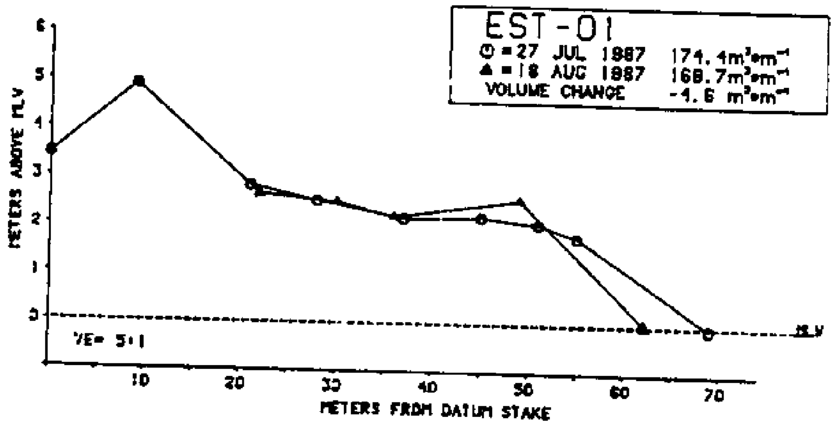

EST-01
○ =22 APR 1987 156.5$m^3 m^{-1}$
▲ =06 MAY 1987 158.8$m^3 m^{-1}$
VOLUME CHANGE 3.4 $m^3 m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

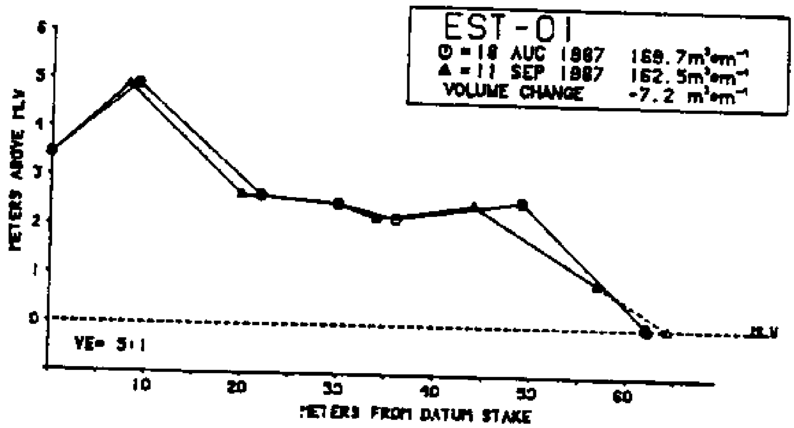

EST-01
O = 06 MAY 1987 159.8m^3•m^{-1}
▲ = 16 MAY 1987 167.9m^3•m^{-1}
VOLUME CHANGE 8.1 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

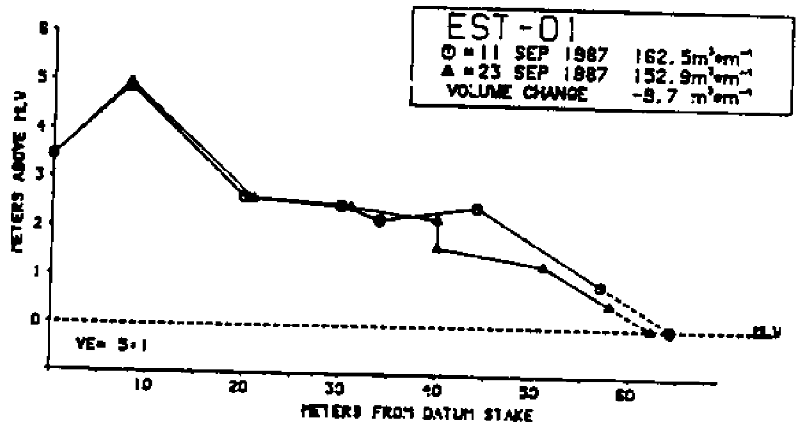

EST-01
O = 16 MAY 1987 167.9m^3•m^{-1}
▲ = 01 JUN 1987 167.2m^3•m^{-1}
VOLUME CHANGE -0.7 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

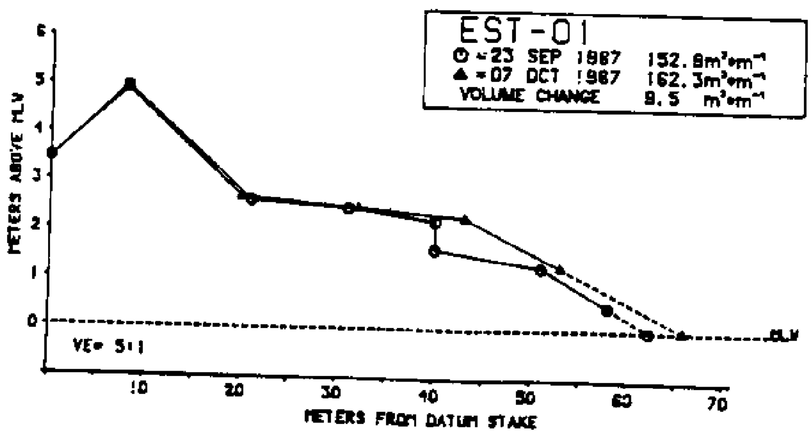

EST-01
O = 01 JUN 1987 167.2m^3•m^{-1}
▲ = 23 JUN 1987 172.6m^3•m^{-1}
VOLUME CHANGE 5.4 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

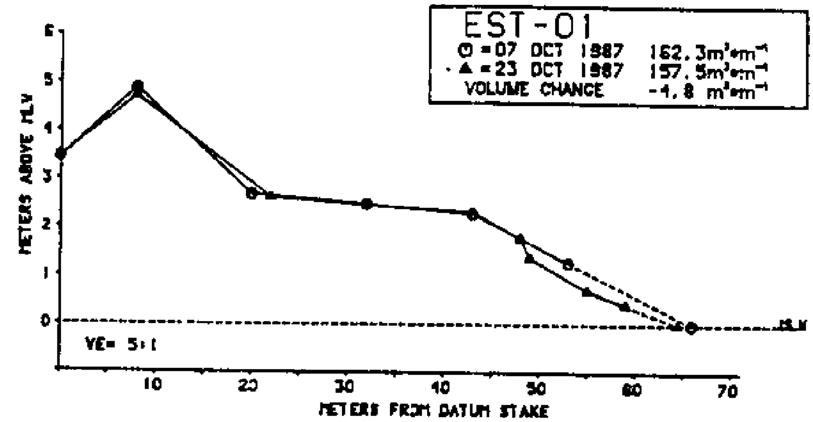

EST-01
O = 23 JUN 1987 172.6m^3•m^{-1}
▲ = 27 JUL 1987 174.4m^3•m^{-1}
VOLUME CHANGE 1.8 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

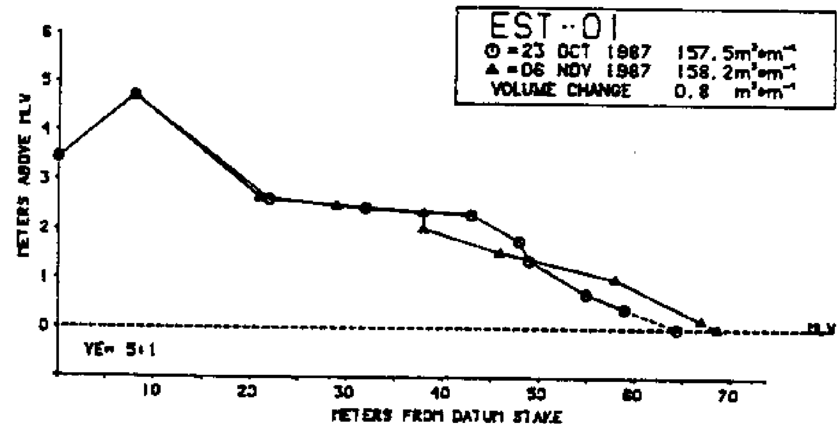

EST-01
○ = 27 JUL 1987 174.4 $m^3 \cdot m^{-1}$
▲ = 18 AUG 1987 169.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE -4.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

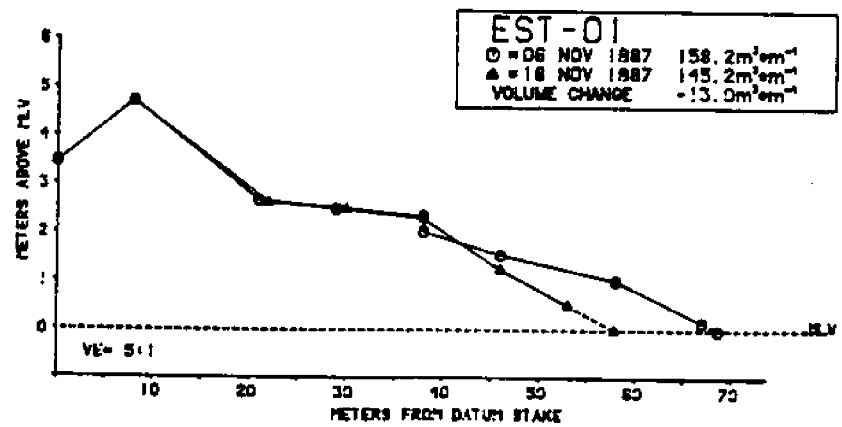

EST-01
○ = 18 AUG 1987 169.7 $m^3 \cdot m^{-1}$
▲ = 11 SEP 1987 162.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE -7.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

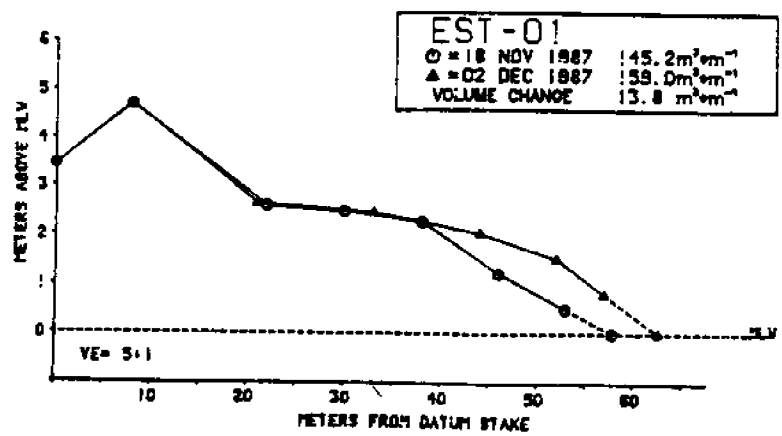

EST-01
○ = 11 SEP 1987 162.5 $m^3 \cdot m^{-1}$
▲ = 23 SEP 1987 152.9 $m^3 \cdot m^{-1}$
VOLUME CHANGE -9.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

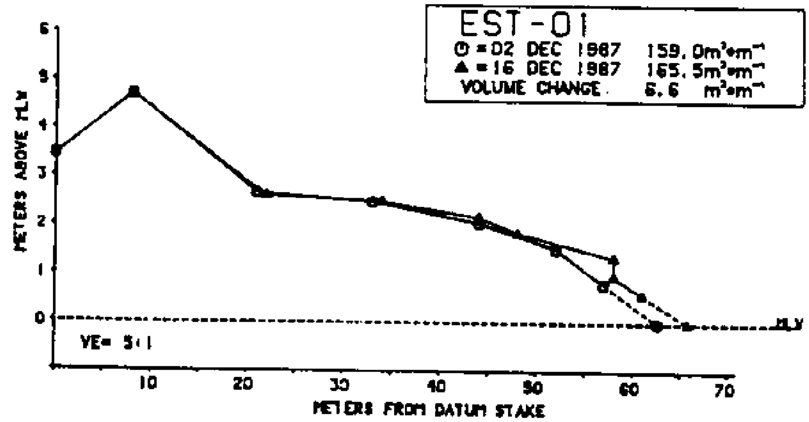

EST-01
○ = 23 SEP 1987 152.9 $m^3 \cdot m^{-1}$
▲ = 07 OCT 1987 162.3 $m^3 \cdot m^{-1}$
VOLUME CHANGE 9.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

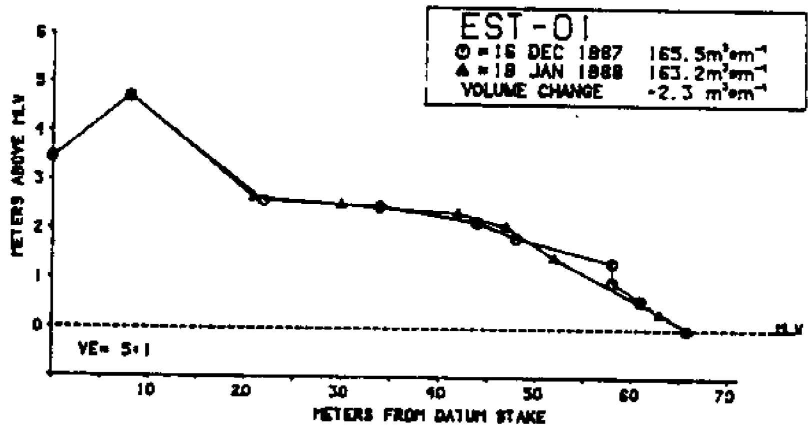

EST-01
⊙ =07 OCT 1987 162.3m³•m⁻¹
▲ =23 OCT 1987 157.5m³•m⁻¹
VOLUME CHANGE -4.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

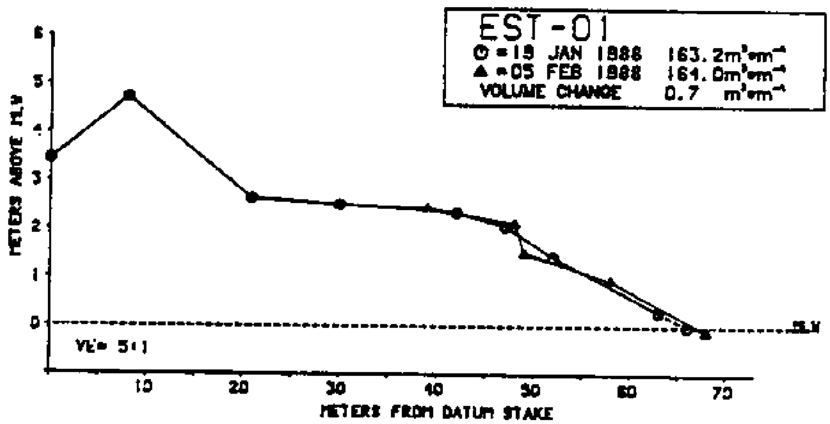

EST-01
⊙ =23 OCT 1987 157.5m³•m⁻¹
▲ =06 NOV 1987 158.2m³•m⁻¹
VOLUME CHANGE 0.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

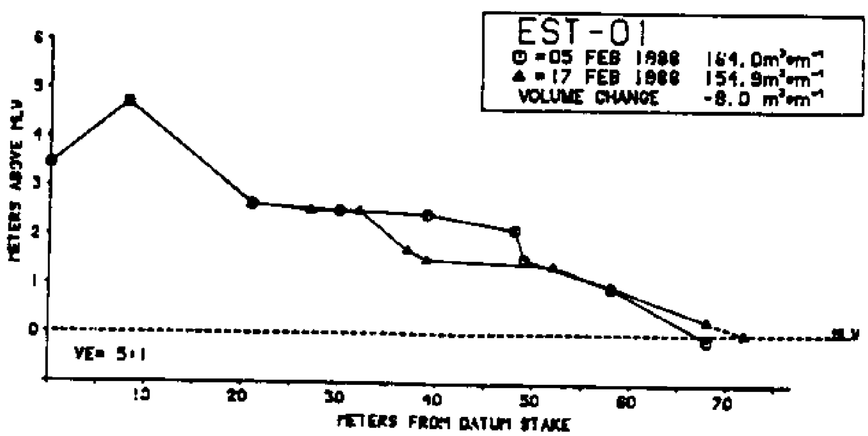

EST-01
⊙ =06 NOV 1987 158.2m³•m⁻¹
▲ =18 NOV 1987 145.2m³•m⁻¹
VOLUME CHANGE -13.0m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

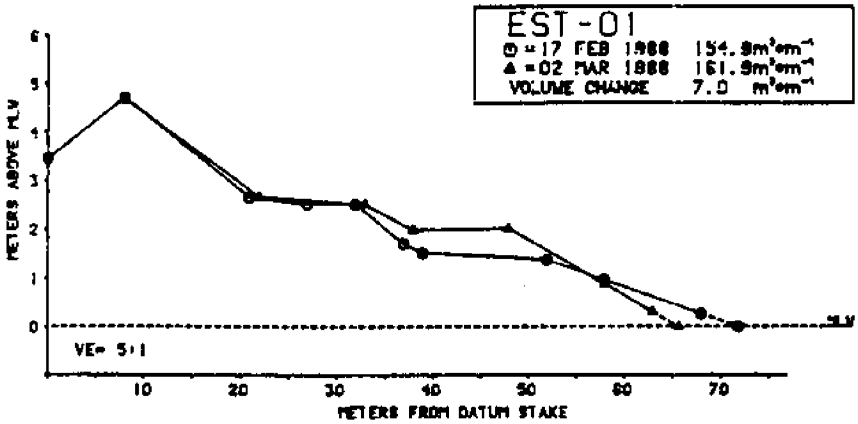

EST-01
⊙ =18 NOV 1987 145.2m³•m⁻¹
▲ =02 DEC 1987 159.0m³•m⁻¹
VOLUME CHANGE 13.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV


EST-01
○ =02 DEC 1987 159.0m³•m⁻¹
▲ =16 DEC 1987 165.5m³•m⁻¹
VOLUME CHANGE 6.6 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE


EST-01
○ =16 DEC 1987 165.5m³•m⁻¹
▲ =19 JAN 1988 163.2m³•m⁻¹
VOLUME CHANGE -2.3 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

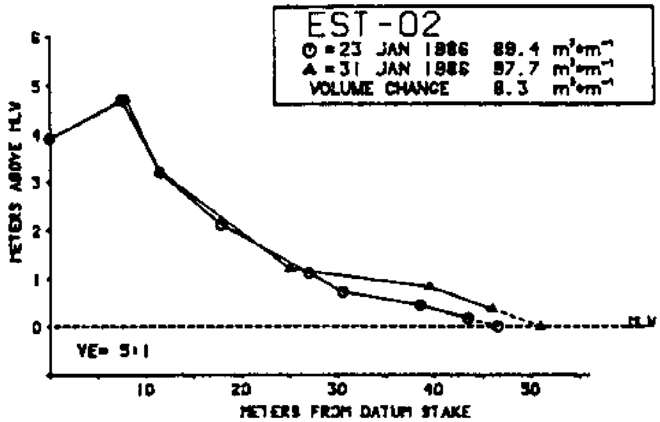

EST-01
○ =19 JAN 1988 163.2m³•m⁻¹
▲ =05 FEB 1988 164.0m³•m⁻¹
VOLUME CHANGE 0.7 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

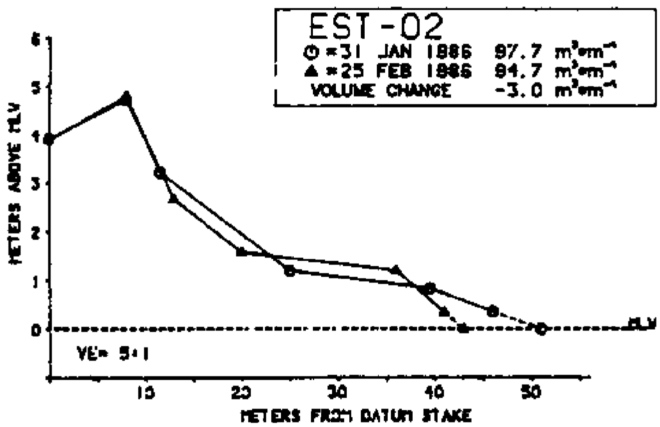

EST-01
○ =05 FEB 1988 164.0m³•m⁻¹
▲ =17 FEB 1988 154.9m³•m⁻¹
VOLUME CHANGE -8.0 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

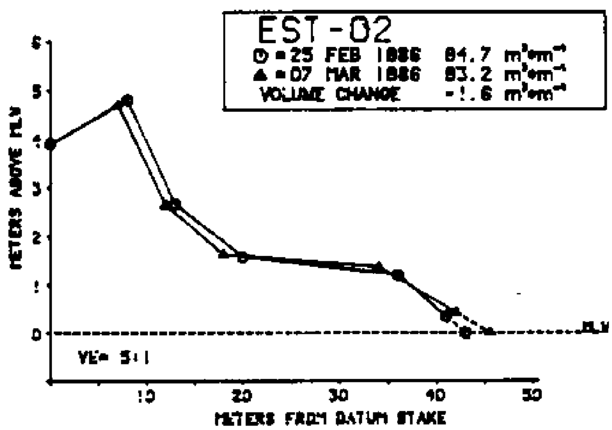

EST-01
⊙ = 17 FEB 1988 154.9m³m⁻¹
▲ = 02 MAR 1988 161.9m³m⁻¹
VOLUME CHANGE 7.0 m³m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
60
70
METERS FROM DATUM STAKE

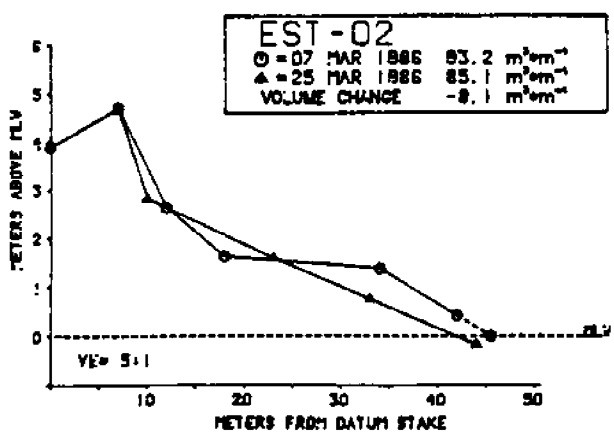
APPENDIX 1E

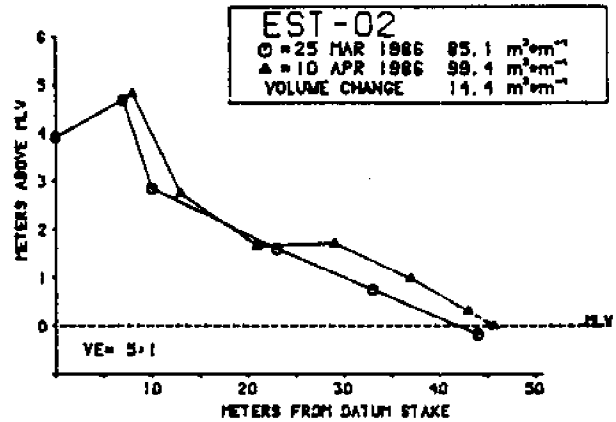
EST-02 Profile Plots

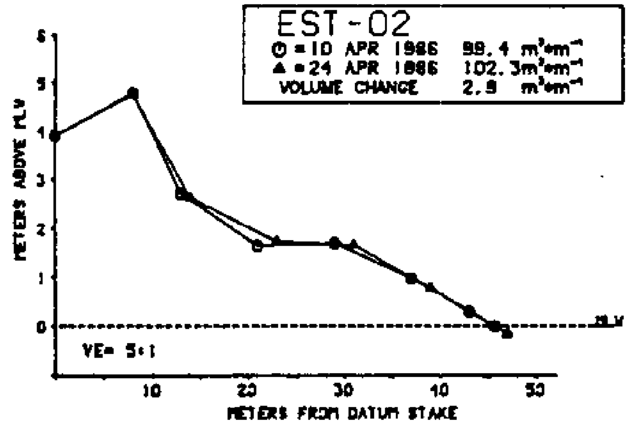

EST-02
⊙ =23 JAN 1986 89.4 m³•m⁻¹
▲ =31 JAN 1986 97.7 m³•m⁻¹
VOLUME CHANGE 8.3 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
METERS FROM DATUM STAKE

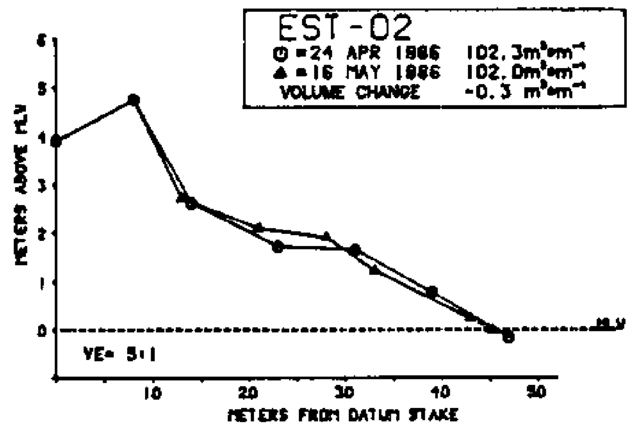

EST-02
⊙ =31 JAN 1986 97.7 m³•m⁻¹
▲ =25 FEB 1986 94.7 m³•m⁻¹
VOLUME CHANGE -3.0 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
METERS FROM DATUM STAKE

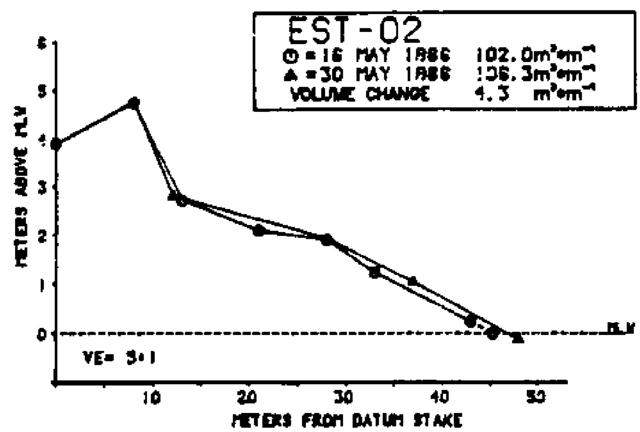

EST-02
⊙ =25 FEB 1986 94.7 m³•m⁻¹
▲ =07 MAR 1986 93.2 m³•m⁻¹
VOLUME CHANGE -1.6 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
METERS FROM DATUM STAKE

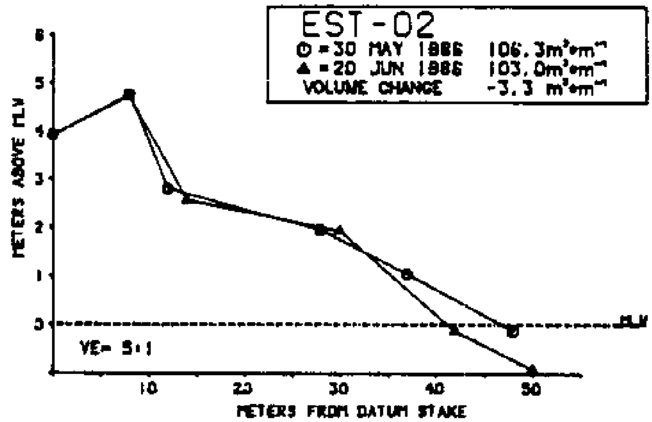

EST-02
⊙ =07 MAR 1986 93.2 m³•m⁻¹
▲ =25 MAR 1986 85.1 m³•m⁻¹
VOLUME CHANGE -8.1 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
MLV
VE= 5:1
10
20
30
40
50
METERS FROM DATUM STAKE

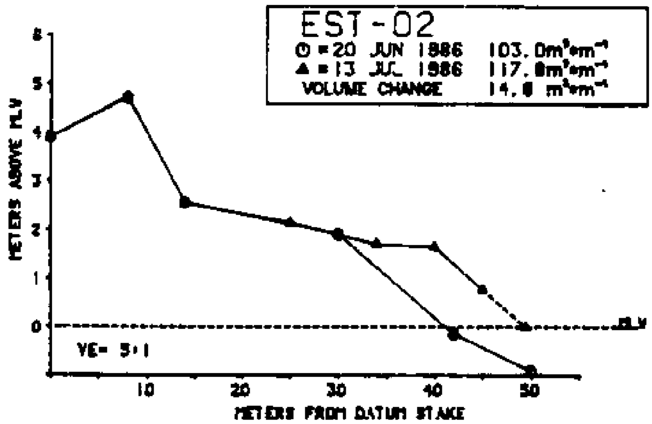

EST-02
O =25 MAR 1986 85.1 m³•m⁻¹
▲ =10 APR 1986 99.4 m³•m⁻¹
VOLUME CHANGE 14.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

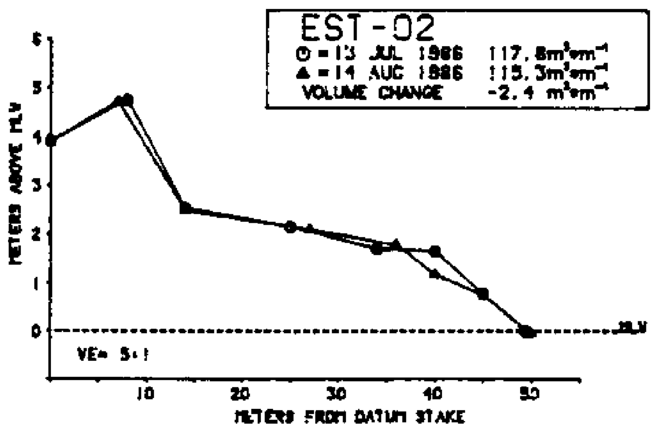

EST-02
O =10 APR 1986 99.4 m³•m⁻¹
▲ =24 APR 1986 102.3m³•m⁻¹
VOLUME CHANGE 2.9 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

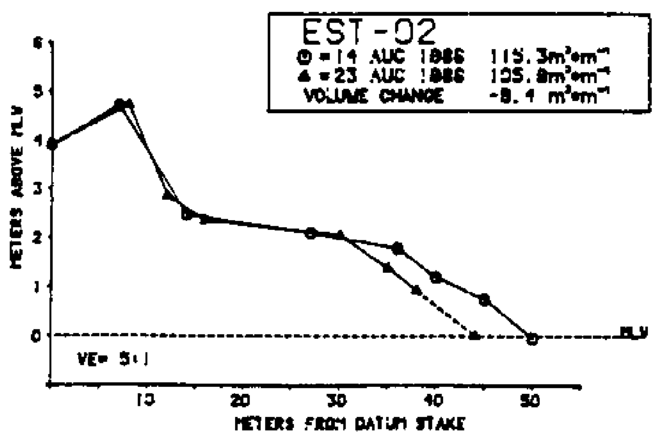

EST-02
O =24 APR 1986 102.3m³•m⁻¹
▲ =16 MAY 1986 102.0m³•m⁻¹
VOLUME CHANGE -0.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

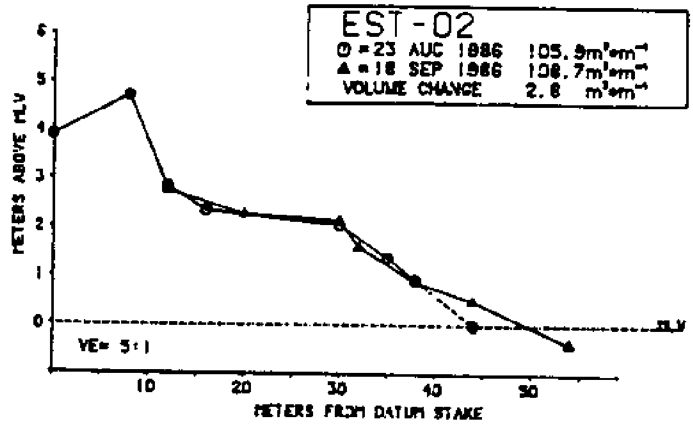

EST-02
O =16 MAY 1986 102.0m³•m⁻¹
▲ =30 MAY 1986 106.3m³•m⁻¹
VOLUME CHANGE 4.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

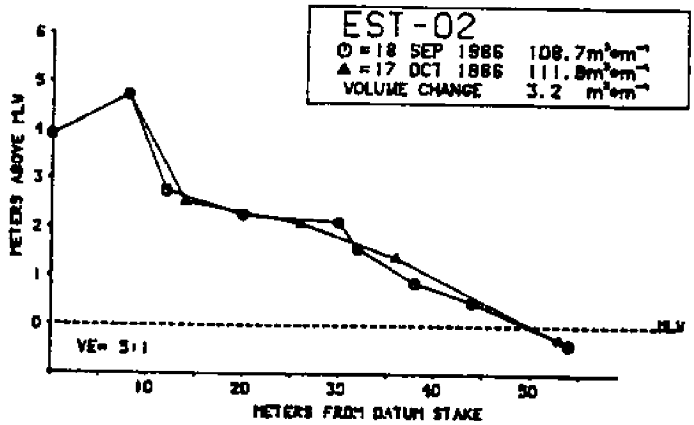

EST-02
O = 30 MAY 1986 106.3m³•m⁻¹
▲ = 20 JUN 1986 103.0m³•m⁻¹
VOLUME CHANGE -3.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

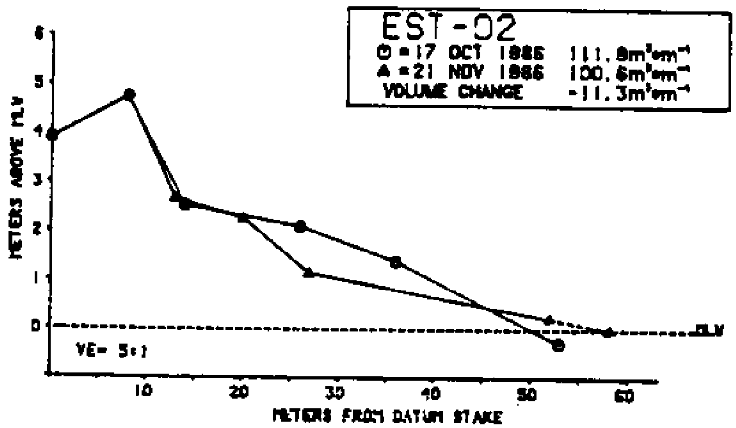

EST-02
O = 20 JUN 1986 103.0m³•m⁻¹
▲ = 13 JUL 1986 117.8m³•m⁻¹
VOLUME CHANGE 14.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

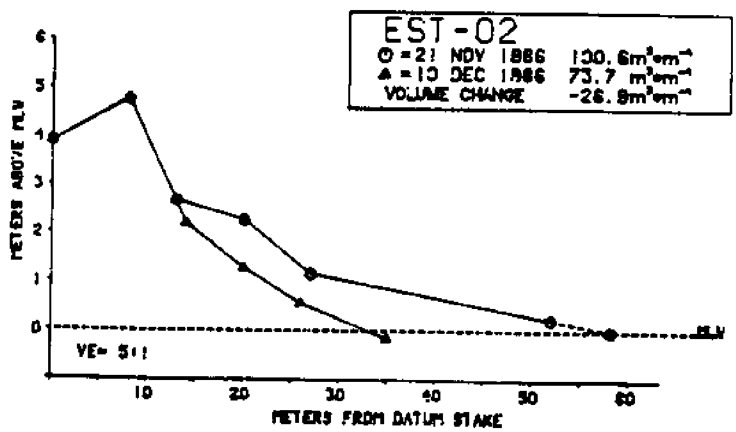

EST-02
O = 13 JUL 1986 117.8m³•m⁻¹
▲ = 14 AUG 1986 115.3m³•m⁻¹
VOLUME CHANGE -2.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

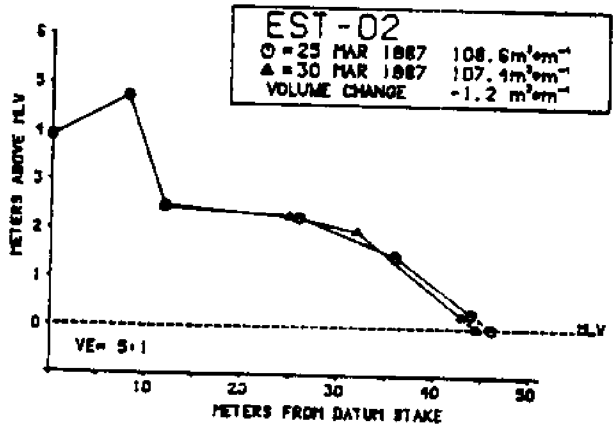

EST-02
O = 14 AUG 1986 115.3m³•m⁻¹
▲ = 23 AUG 1986 105.8m³•m⁻¹
VOLUME CHANGE -8.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

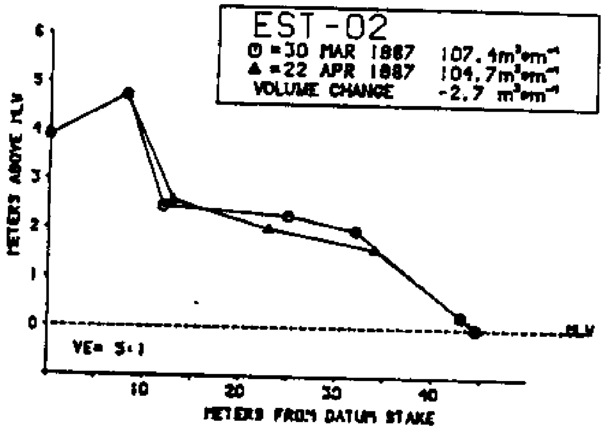

EST-02
O = 23 AUG 1986 105.9$m^3 m^{-1}$
▲ = 18 SEP 1986 108.7$m^3 m^{-1}$
VOLUME CHANGE 2.8 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

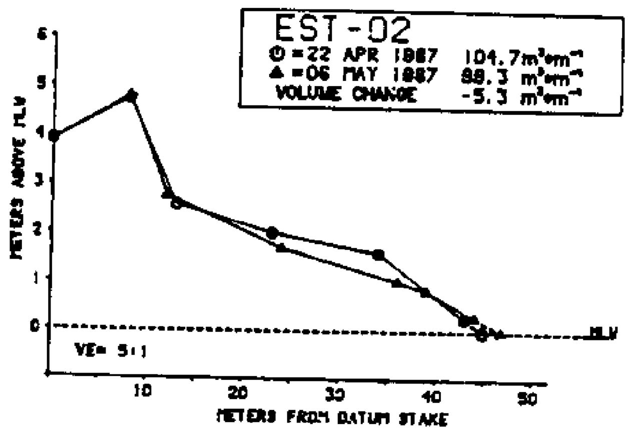

EST-02
O = 18 SEP 1986 108.7$m^3 m^{-1}$
▲ = 17 OCT 1986 111.9$m^3 m^{-1}$
VOLUME CHANGE 3.2 $m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

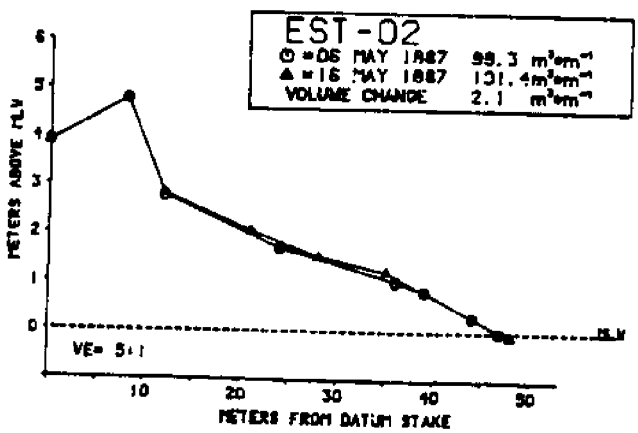

EST-02
O = 17 OCT 1986 111.9$m^3 m^{-1}$
▲ = 21 NOV 1986 100.6$m^3 m^{-1}$
VOLUME CHANGE -11.3$m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

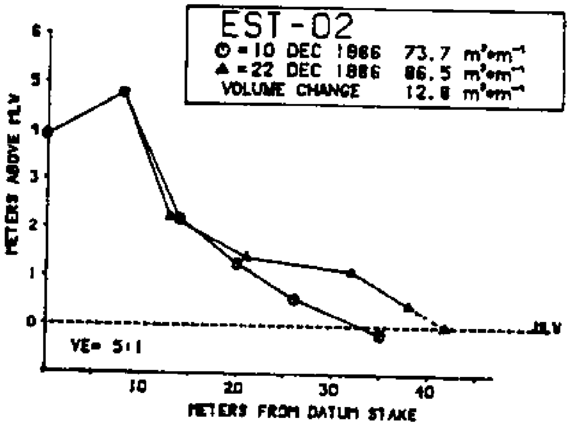

EST-02
O = 21 NOV 1986 100.6$m^3 m^{-1}$
▲ = 10 DEC 1986 73.7 $m^3 m^{-1}$
VOLUME CHANGE -26.9$m^3 m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

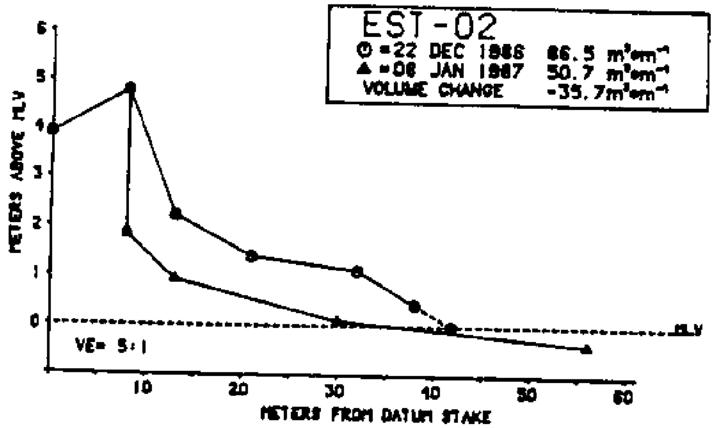

EST-02
⊙ =25 MAR 1987 108.6m³•m⁻¹
▲ =30 MAR 1987 107.4m³•m⁻¹
VOLUME CHANGE -1.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

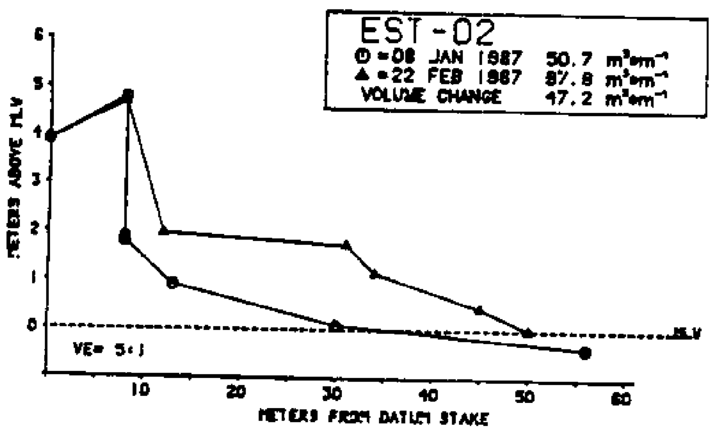

EST-02
⊙ =30 MAR 1987 107.4m³•m⁻¹
▲ =22 APR 1987 104.7m³•m⁻¹
VOLUME CHANGE -2.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

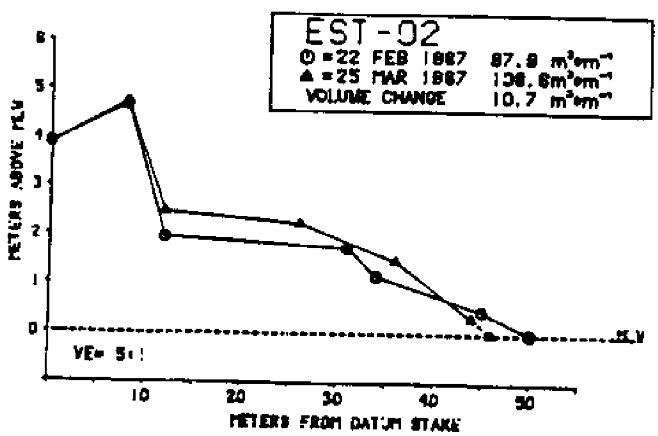

EST-02
⊙ =22 APR 1987 104.7m³•m⁻¹
▲ =06 MAY 1987 99.3 m³•m⁻¹
VOLUME CHANGE -5.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

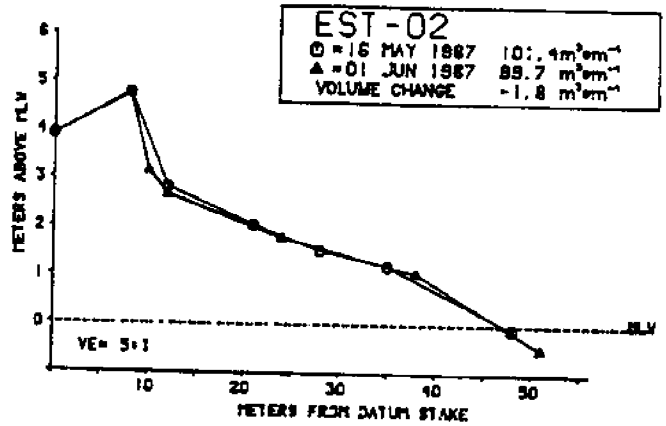

EST-02
⊙ =06 MAY 1987 99.3 m³•m⁻¹
▲ =16 MAY 1987 101.4m³•m⁻¹
VOLUME CHANGE 2.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

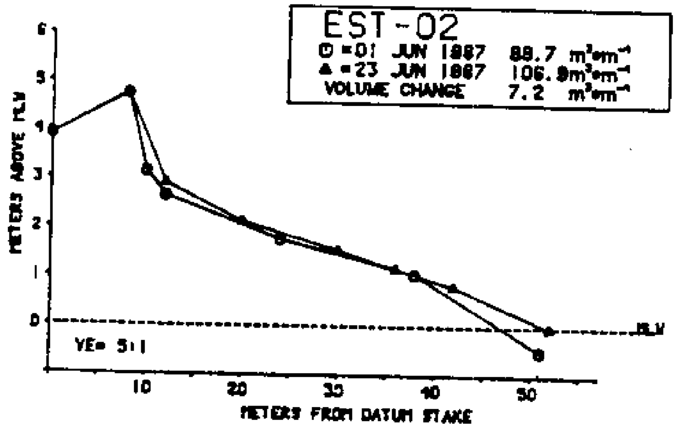

EST-02
⊙ = 10 DEC 1986 73.7 $m^3 \cdot m^{-1}$
▲ = 22 DEC 1986 86.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE 12.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

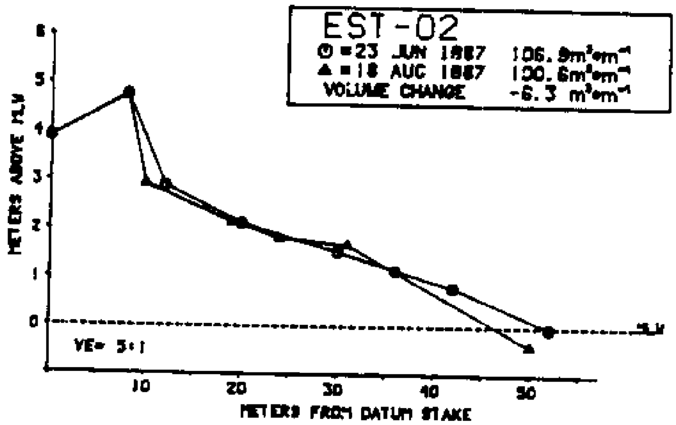

EST-02
⊙ = 22 DEC 1986 86.5 $m^3 \cdot m^{-1}$
▲ = 08 JAN 1987 50.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE -35.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

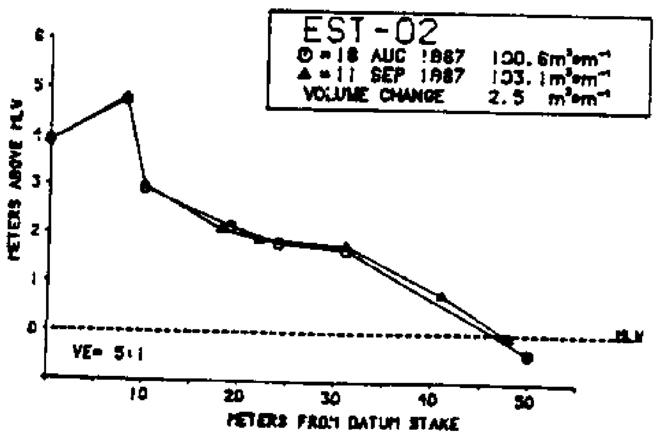

EST-02
⊙ = 08 JAN 1987 50.7 $m^3 \cdot m^{-1}$
▲ = 22 FEB 1987 97.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE 47.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

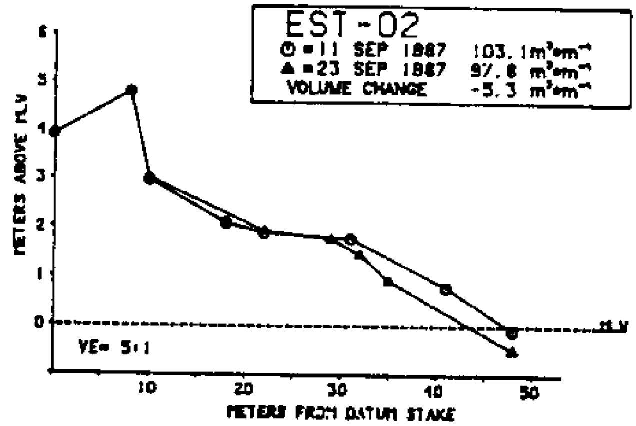

EST-02
⊙ = 22 FEB 1987 97.8 $m^3 \cdot m^{-1}$
▲ = 25 MAR 1987 108.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE 10.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

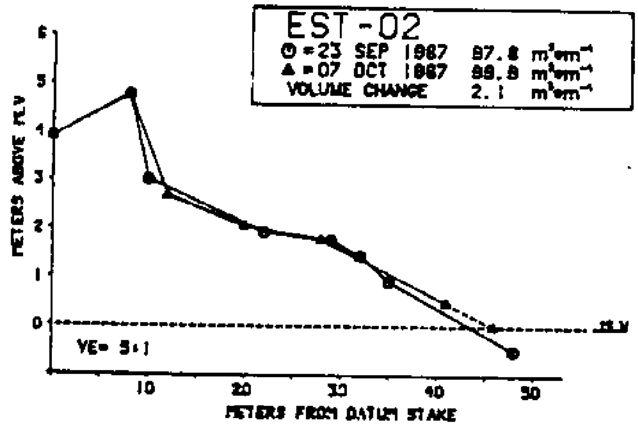

EST-02
⊙ = 16 MAY 1987
▲ = 01 JUN 1987 89.7 m³·m⁻¹
VOLUME CHANGE -1.8 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

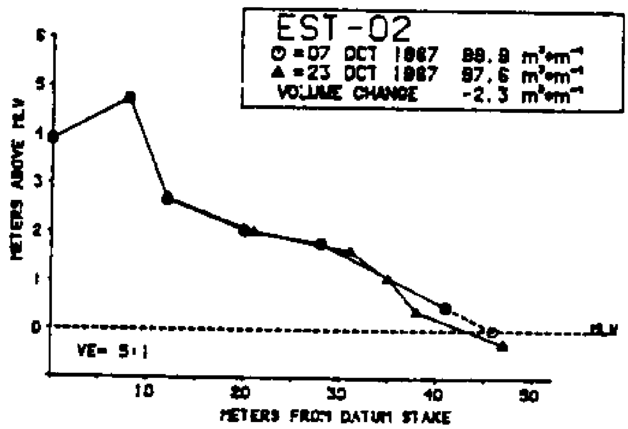

EST-02
⊙ = 01 JUN 1987 88.7 m³·m⁻¹
▲ = 23 JUN 1987 106.9 m³·m⁻¹
VOLUME CHANGE 7.2 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

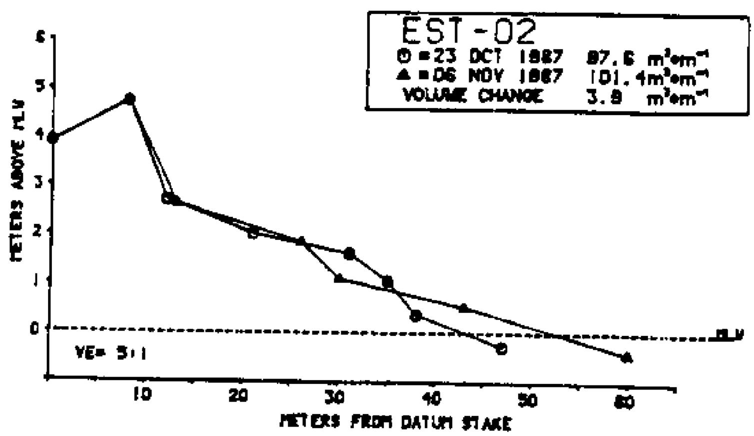

EST-02
⊙ = 23 JUN 1987 106.9 m³·m⁻¹
▲ = 18 AUG 1987 100.6 m³·m⁻¹
VOLUME CHANGE -6.3 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

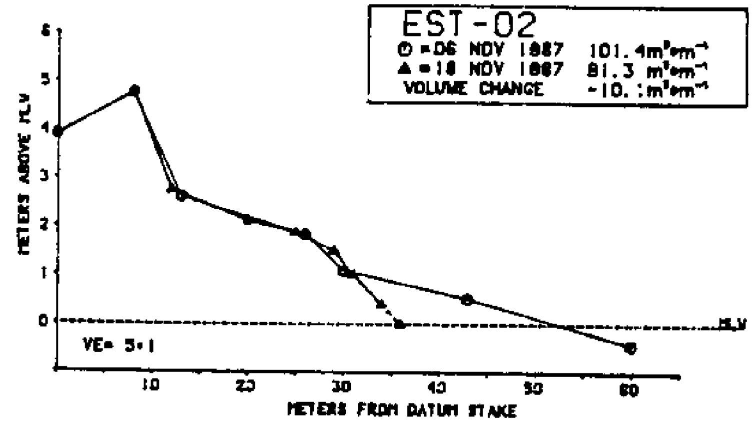

EST-02
⊙ = 18 AUG 1987 100.6 m³·m⁻¹
▲ = 11 SEP 1987 103.1 m³·m⁻¹
VOLUME CHANGE 2.5 m³·m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

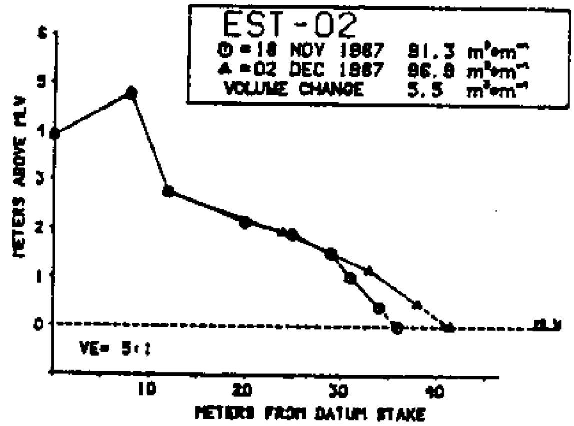

EST-02
⊙ = 11 SEP 1987 103.1 m³•m⁻¹
▲ = 23 SEP 1987 97.8 m³•m⁻¹
VOLUME CHANGE -5.3 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

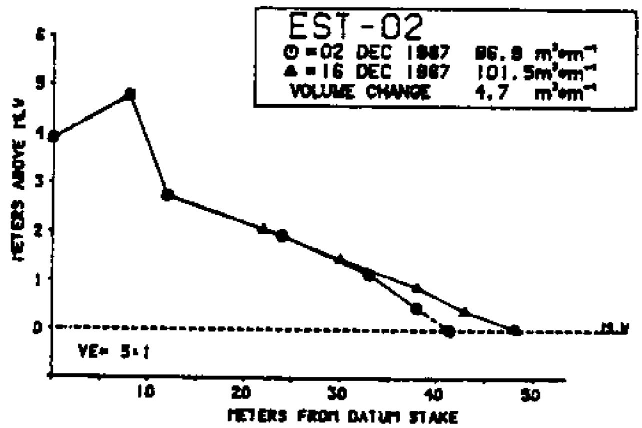

EST-02
⊙ = 23 SEP 1987 97.8 m³•m⁻¹
▲ = 07 OCT 1987 99.9 m³•m⁻¹
VOLUME CHANGE 2.1 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

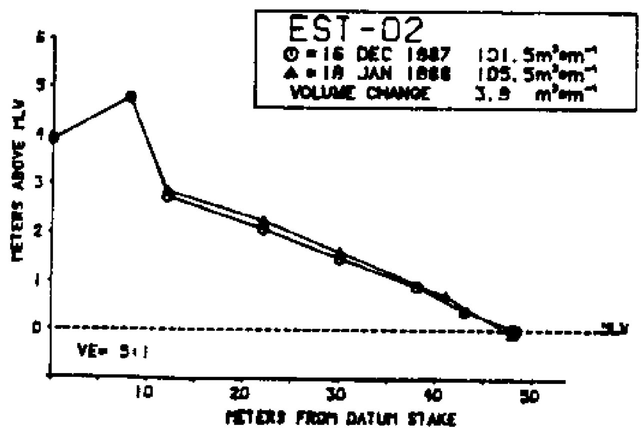

EST-02
⊙ = 07 OCT 1987 99.9 m³•m⁻¹
▲ = 23 OCT 1987 97.6 m³•m⁻¹
VOLUME CHANGE -2.3 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

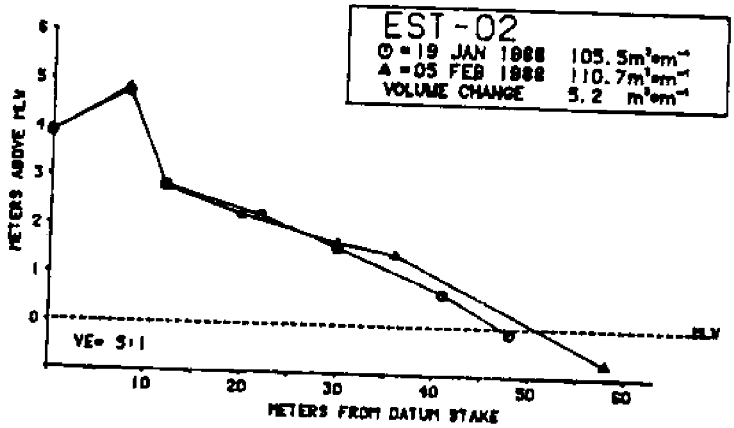

EST-02
⊙ = 23 OCT 1987 97.6 m³•m⁻¹
▲ = 06 NOV 1987 101.4 m³•m⁻¹
VOLUME CHANGE 3.8 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

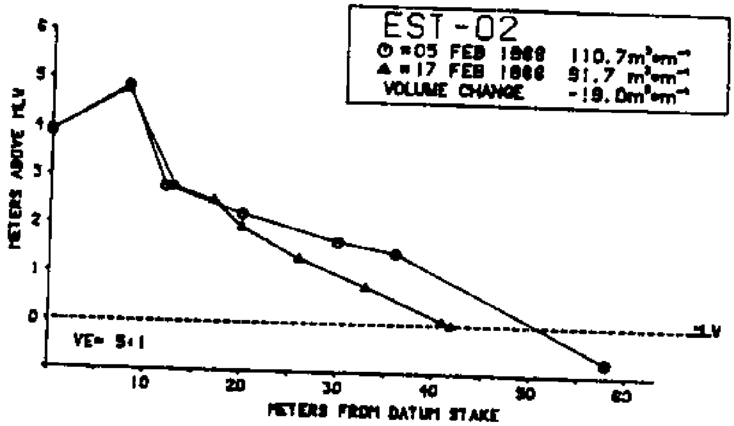

EST-02
⊙ = 06 NOV 1987 101.4 $m^3 \cdot m^{-1}$
▲ = 18 NOV 1987 81.3 $m^3 \cdot m^{-1}$
VOLUME CHANGE -10.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

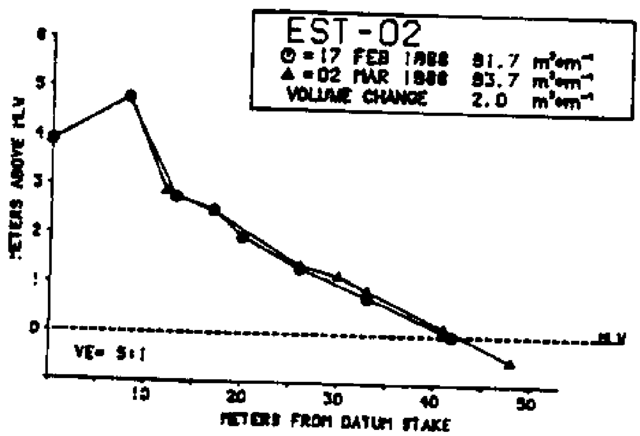

EST-02
⊙ = 18 NOV 1987 81.3 $m^3 \cdot m^{-1}$
▲ = 02 DEC 1987 86.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE 5.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV


EST-02
⊙ = 02 DEC 1987 86.8 $m^3 \cdot m^{-1}$
▲ = 16 DEC 1987 101.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE 4.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV


EST-02
⊙ = 16 DEC 1987 101.5 $m^3 \cdot m^{-1}$
▲ = 18 JAN 1988 105.5 $m^3 \cdot m^{-1}$
VOLUME CHANGE 3.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

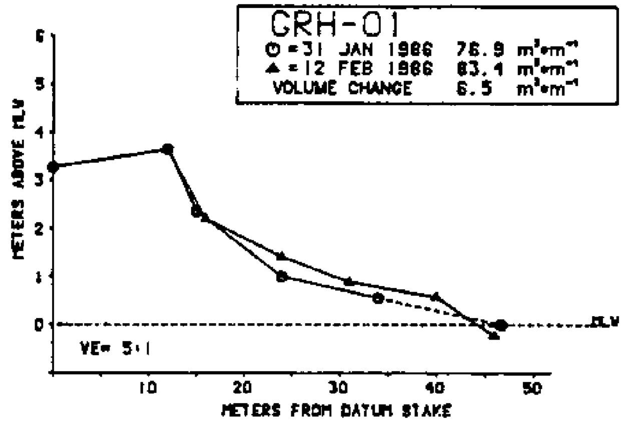

EST-02
⊙ = 19 JAN 1988 105.5 m^3m^{-1}
▲ = 05 FEB 1988 110.7 m^3m^{-1}
VOLUME CHANGE 5.2 m^3m^{-1}
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

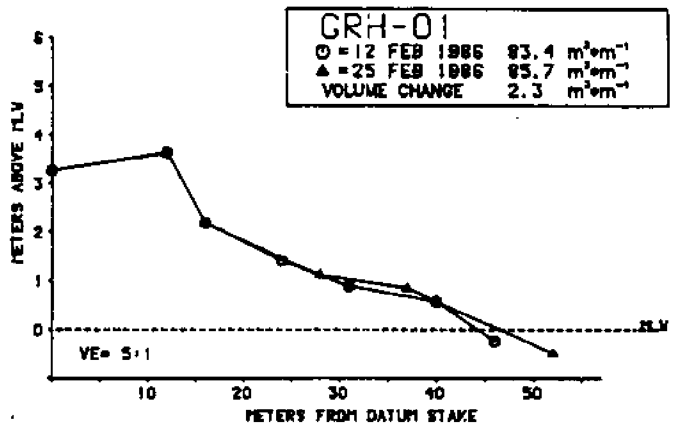

EST-02
⊙ = 05 FEB 1988 110.7 m^3m^{-1}
▲ = 17 FEB 1988 91.7 m^3m^{-1}
VOLUME CHANGE -19.0 m^3m^{-1}
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

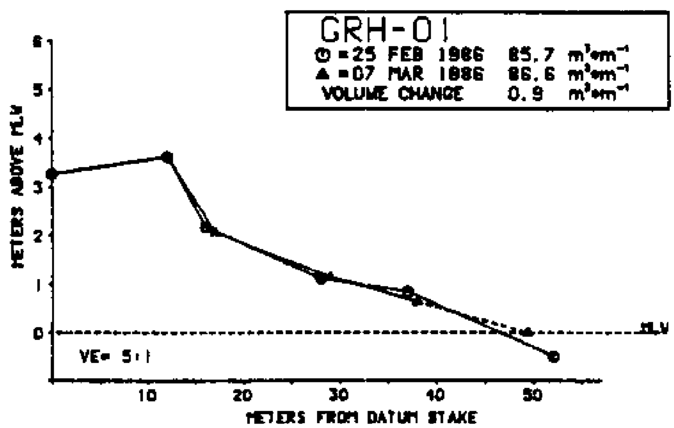

EST-02
⊙ = 17 FEB 1988 91.7 m^3m^{-1}
▲ = 02 MAR 1988 93.7 m^3m^{-1}
VOLUME CHANGE 2.0 m^3m^{-1}
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

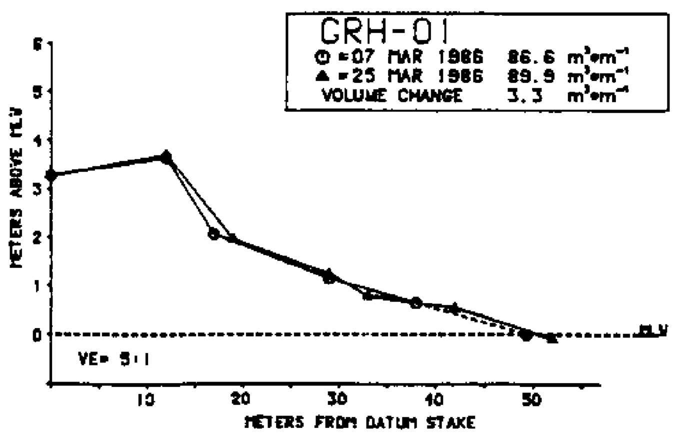
APPENDIX 1F

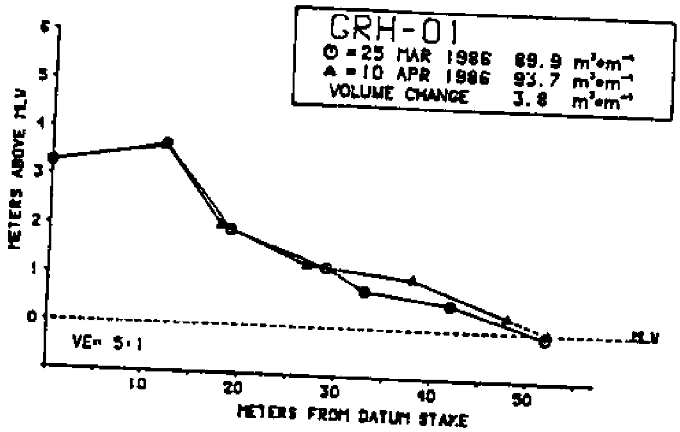
GRH-01 Profile Plots

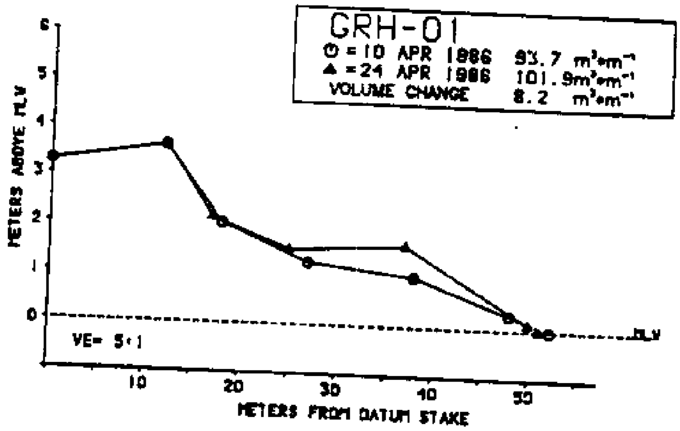

GRH-01
○ =31 JAN 1986 76.9 m³•m⁻¹
▲ =12 FEB 1986 83.4 m³•m⁻¹
VOLUME CHANGE 6.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

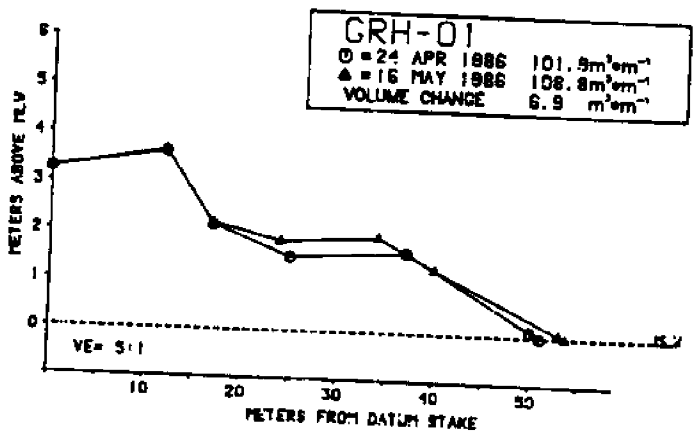

GRH-01
○ =12 FEB 1986 83.4 m³•m⁻¹
▲ =25 FEB 1986 85.7 m³•m⁻¹
VOLUME CHANGE 2.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

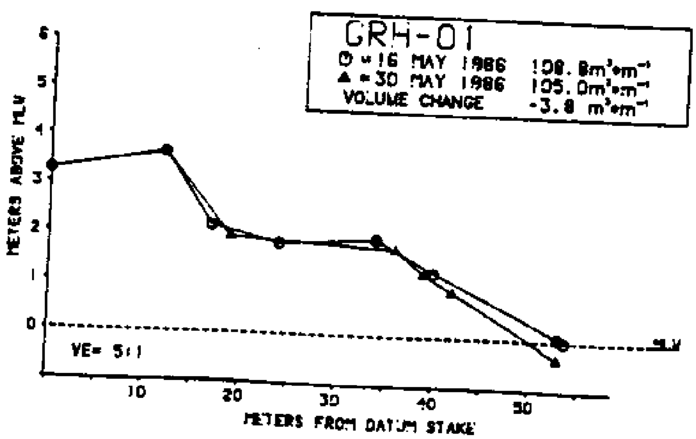

GRH-01
○ =25 FEB 1986 85.7 m³•m⁻¹
▲ =07 MAR 1986 86.6 m³•m⁻¹
VOLUME CHANGE 0.9 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

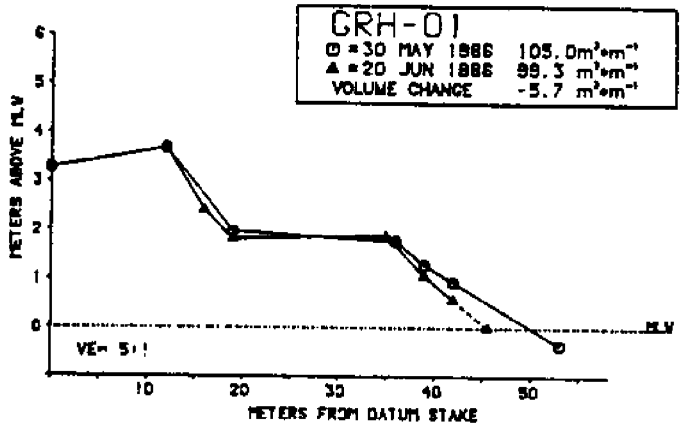

GRH-01
○ =07 MAR 1986 86.6 m³•m⁻¹
▲ =25 MAR 1986 89.9 m³•m⁻¹
VOLUME CHANGE 3.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

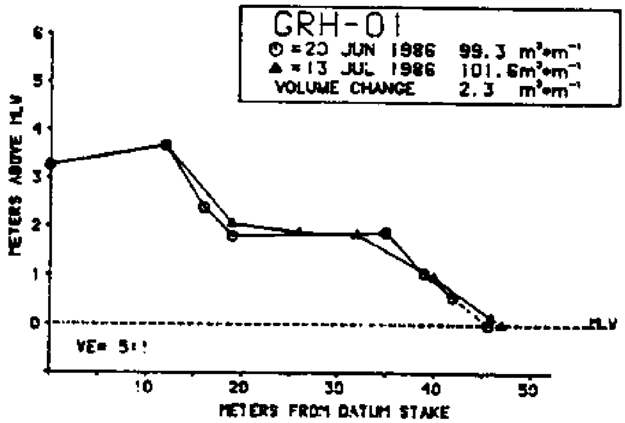

GRH-01
O =25 MAR 1986 89.9 m³•m⁻¹
▲ =10 APR 1986 93.7 m³•m⁻¹
VOLUME CHANGE 3.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

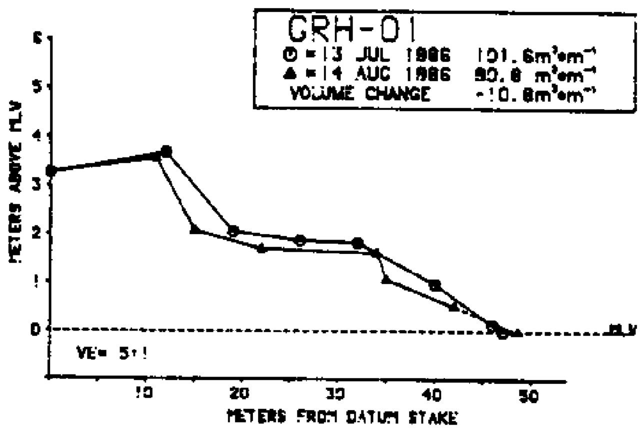

GRH-01
O =10 APR 1986 93.7 m³•m⁻¹
▲ =24 APR 1986 101.9m³•m⁻¹
VOLUME CHANGE 8.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

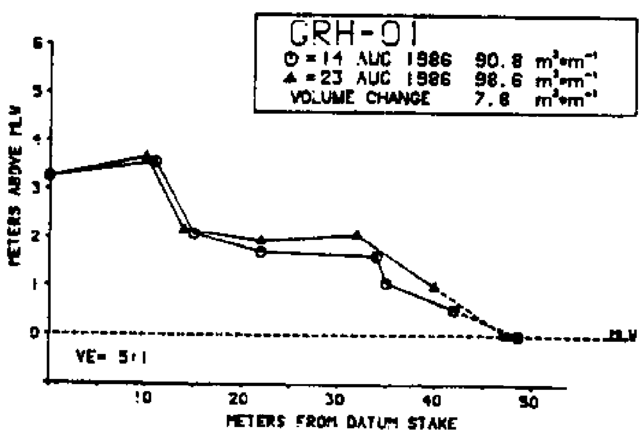

GRH-01
O =24 APR 1986 101.9m³•m⁻¹
▲ =16 MAY 1986 108.8m³•m⁻¹
VOLUME CHANGE 6.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

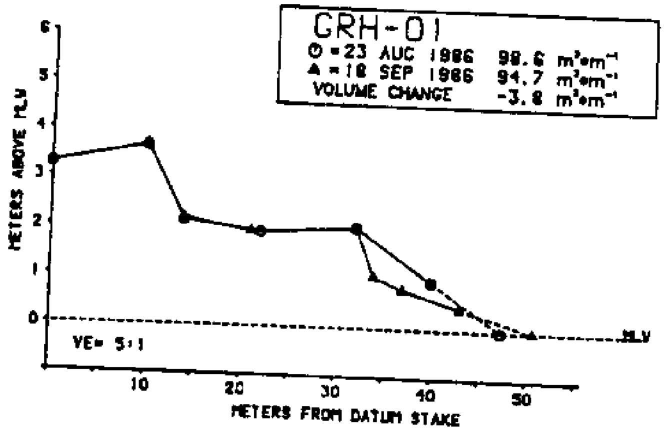

GRH-01
O =16 MAY 1986 108.8m³•m⁻¹
▲ =30 MAY 1986 105.0m³•m⁻¹
VOLUME CHANGE -3.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

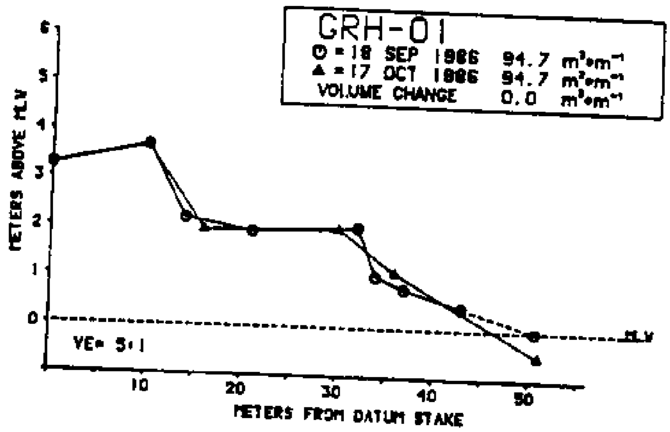

GRH-01
○ =30 MAY 1986 105.0m³•m⁻¹
▲ =20 JUN 1986 99.3 m³•m⁻¹
VOLUME CHANGE -5.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

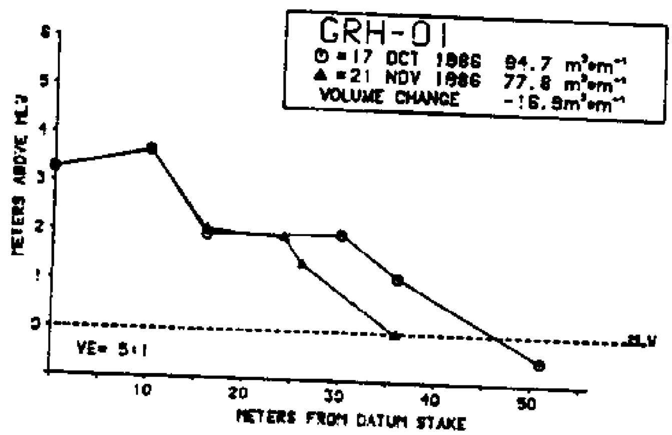

GRH-01
○ =20 JUN 1986 99.3 m³•m⁻¹
▲ =13 JUL 1986 101.6m³•m⁻¹
VOLUME CHANGE 2.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

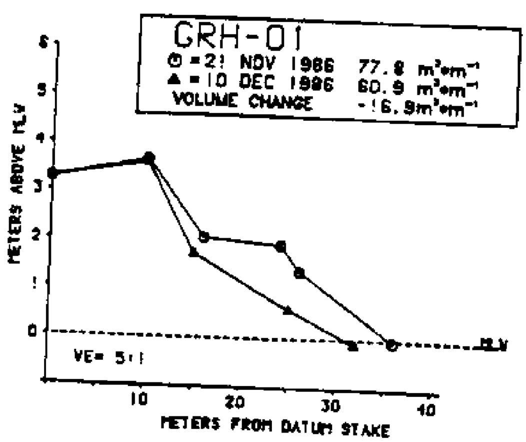

GRH-01
○ =13 JUL 1986 101.6m³•m⁻¹
▲ =14 AUG 1986 90.8 m³•m⁻¹
VOLUME CHANGE -10.8m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

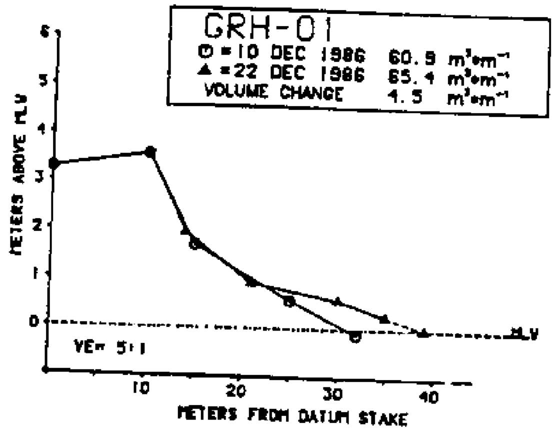

GRH-01
○ =14 AUG 1986 90.8 m³•m⁻¹
▲ =23 AUG 1986 98.6 m³•m⁻¹
VOLUME CHANGE 7.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

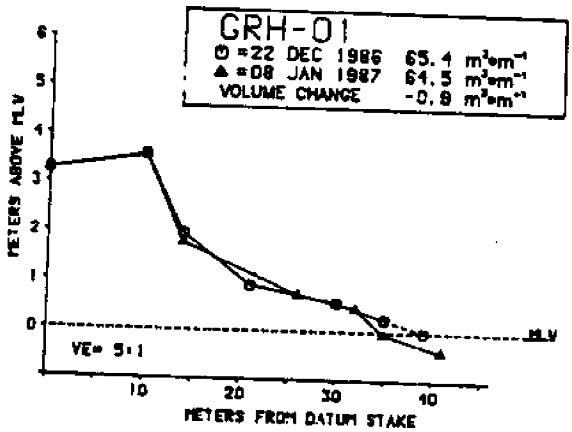

GRH-01
⊙ =23 AUG 1986 98.6 $m^3 \cdot m^{-1}$
▲ =18 SEP 1986 94.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

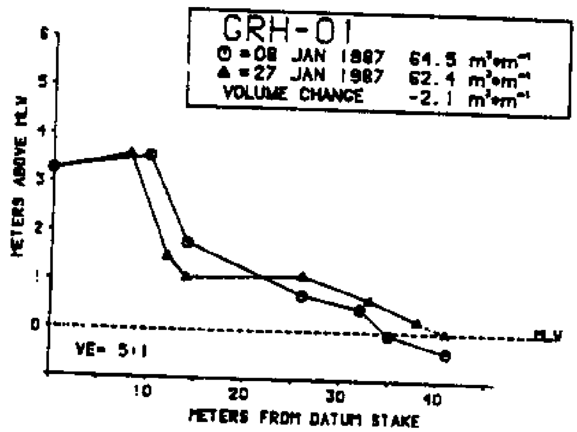

GRH-01
⊙ =18 SEP 1986 94.7 $m^3 \cdot m^{-1}$
▲ =17 OCT 1986 94.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE 0.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

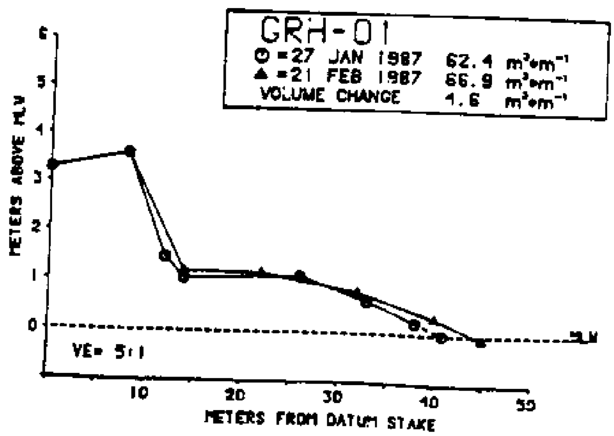

GRH-01
⊙ =17 OCT 1986 94.7 $m^3 \cdot m^{-1}$
▲ =21 NOV 1986 77.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -16.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

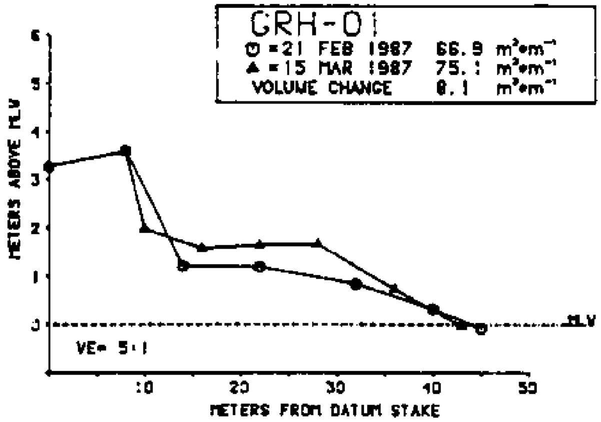

GRH-01
⊙ =21 NOV 1986 77.8 $m^3 \cdot m^{-1}$
▲ =10 DEC 1986 60.9 $m^3 \cdot m^{-1}$
VOLUME CHANGE -16.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

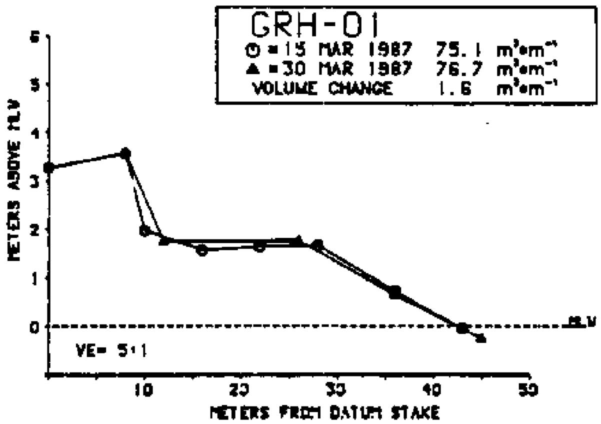

GRH-01
⊙ =10 DEC 1986 60.9 m³•m⁻¹
▲ =22 DEC 1986 65.4 m³•m⁻¹
VOLUME CHANGE 4.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

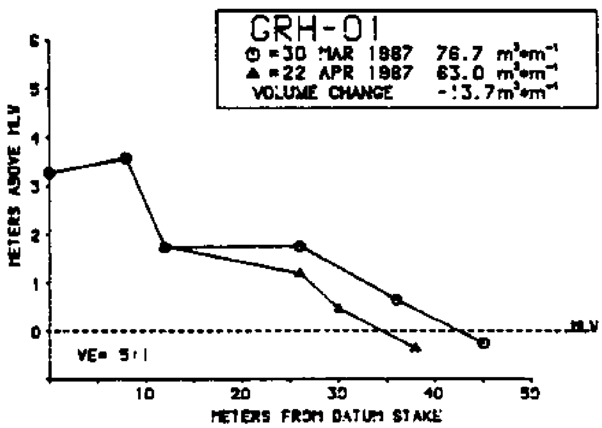

GRH-01
⊙ =22 DEC 1986 65.4 m³•m⁻¹
▲ =08 JAN 1987 64.5 m³•m⁻¹
VOLUME CHANGE -0.9 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

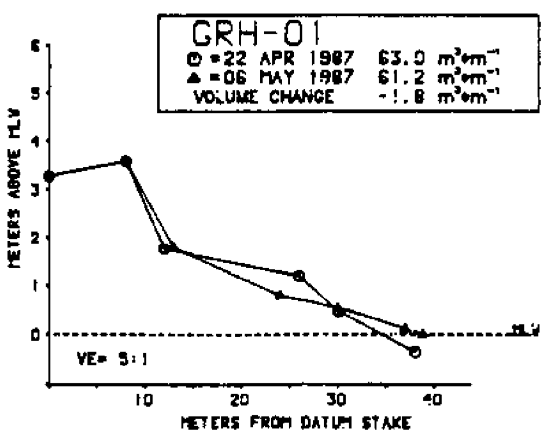

GRH-01
⊙ =08 JAN 1987 64.5 m³•m⁻¹
▲ =27 JAN 1987 62.4 m³•m⁻¹
VOLUME CHANGE -2.1 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

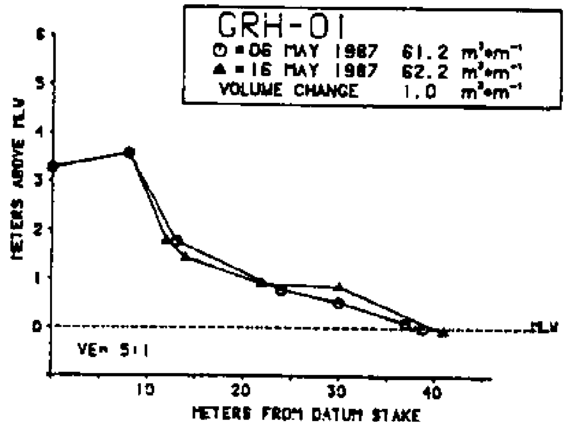

GRH-01
⊙ =27 JAN 1987 62.4 m³•m⁻¹
▲ =21 FEB 1987 66.9 m³•m⁻¹
VOLUME CHANGE 4.6 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

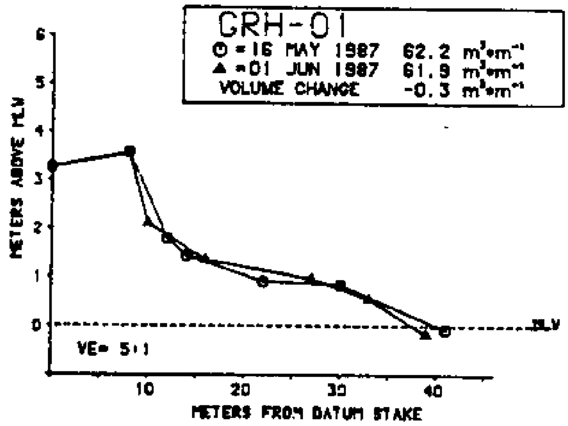

GRH-01
⊙ =21 FEB 1987 66.9 m³•m⁻¹
▲ =15 MAR 1987 75.1 m³•m⁻¹
VOLUME CHANGE 8.1 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

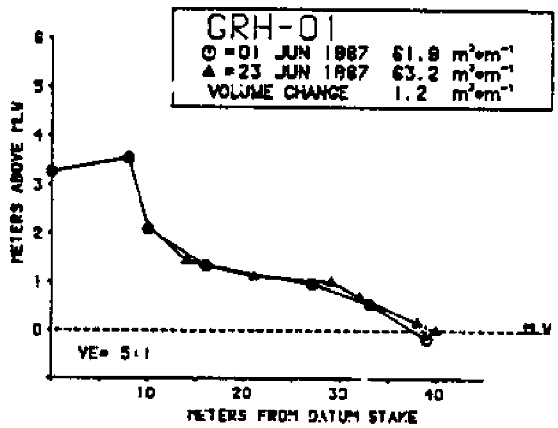

GRH-01
⊙ =15 MAR 1987 75.1 m³•m⁻¹
▲ =30 MAR 1987 76.7 m³•m⁻¹
VOLUME CHANGE 1.6 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

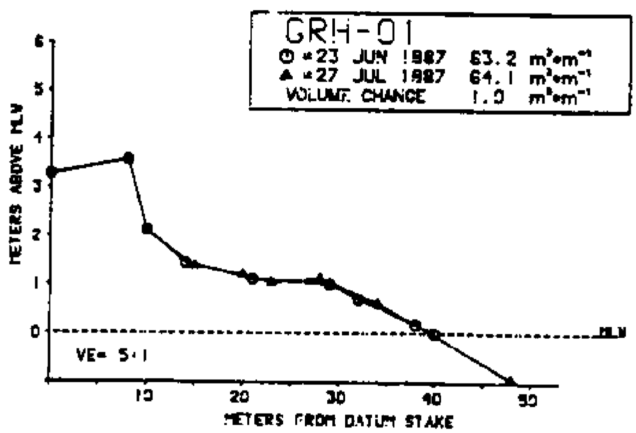

GRH-01
⊙ =30 MAR 1987 76.7 m³•m⁻¹
▲ =22 APR 1987 63.0 m³•m⁻¹
VOLUME CHANGE -13.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

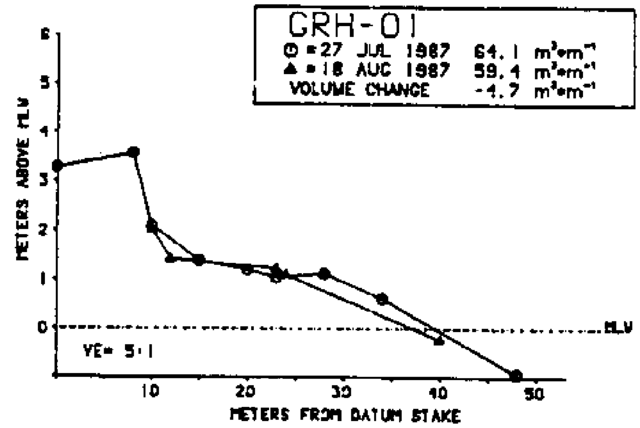

GRH-01
⊙ =22 APR 1987 63.0 m³•m⁻¹
▲ =06 MAY 1987 61.2 m³•m⁻¹
VOLUME CHANGE -1.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

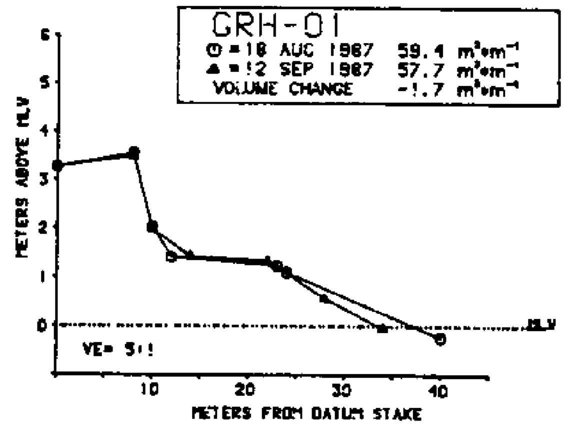

GRH-01
O = 06 MAY 1987 61.2 m³•m⁻¹
▲ = 16 MAY 1987 62.2 m³•m⁻¹
VOLUME CHANGE 1.0 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

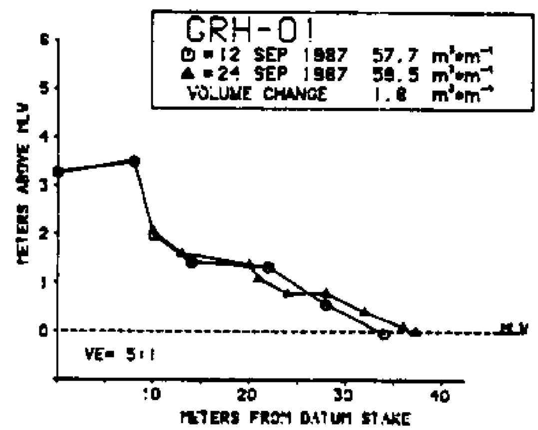

GRH-01
O = 16 MAY 1987 62.2 m³•m⁻¹
▲ = 01 JUN 1987 61.9 m³•m⁻¹
VOLUME CHANGE -0.3 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

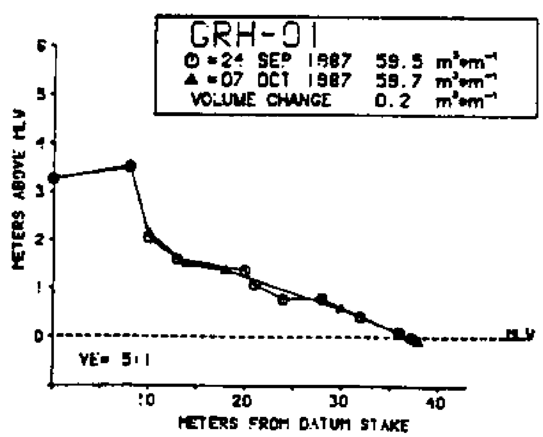

GRH-01
O = 01 JUN 1987 61.9 m³•m⁻¹
▲ = 23 JUN 1987 63.2 m³•m⁻¹
VOLUME CHANGE 1.2 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

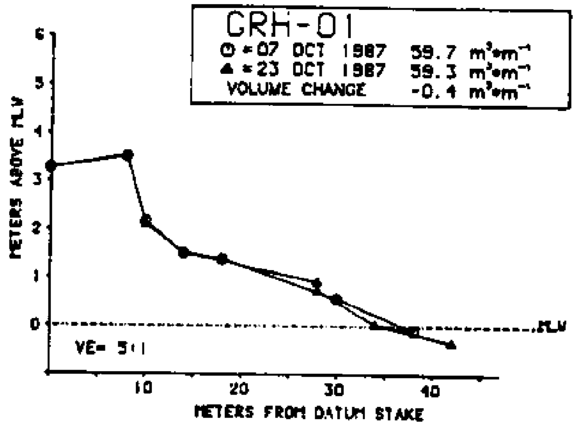

GRH-01
O = 23 JUN 1987 63.2 m³•m⁻¹
▲ = 27 JUL 1987 64.1 m³•m⁻¹
VOLUME CHANGE 1.0 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

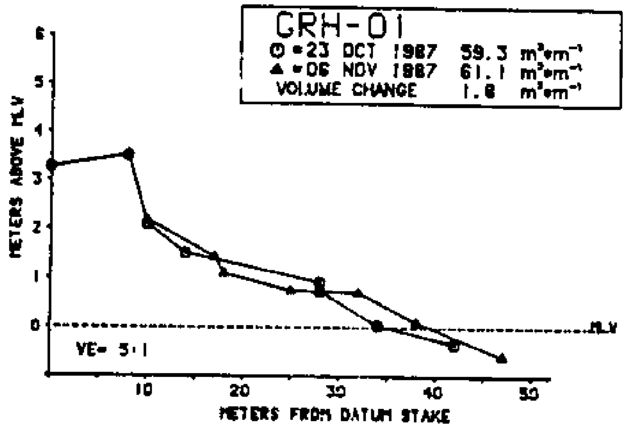

GRH-01
○ =27 JUL 1987 64.1 m³•m⁻¹
▲ =18 AUG 1987 59.4 m³•m⁻¹
VOLUME CHANGE -4.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

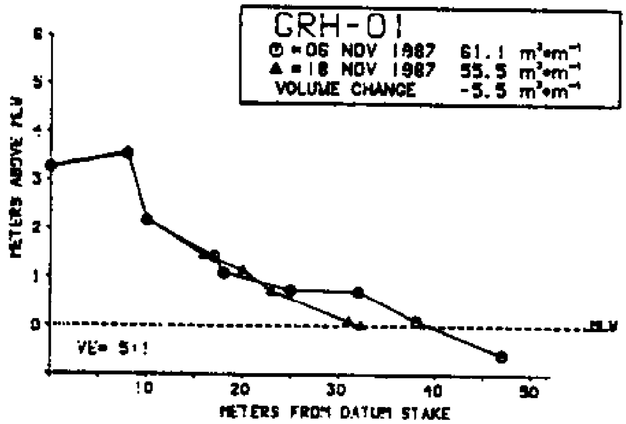

GRH-01
○ =18 AUG 1987 59.4 m³•m⁻¹
▲ =12 SEP 1987 57.7 m³•m⁻¹
VOLUME CHANGE -1.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

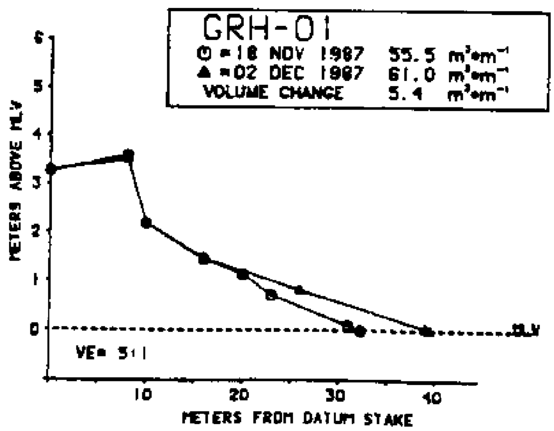

GRH-01
○ =12 SEP 1987 57.7 m³•m⁻¹
▲ =24 SEP 1987 59.5 m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

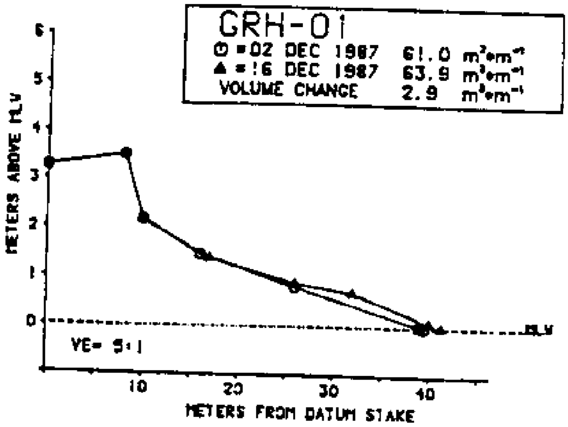

GRH-01
○ =24 SEP 1987 59.5 m³•m⁻¹
▲ =07 OCT 1987 59.7 m³•m⁻¹
VOLUME CHANGE 0.2 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

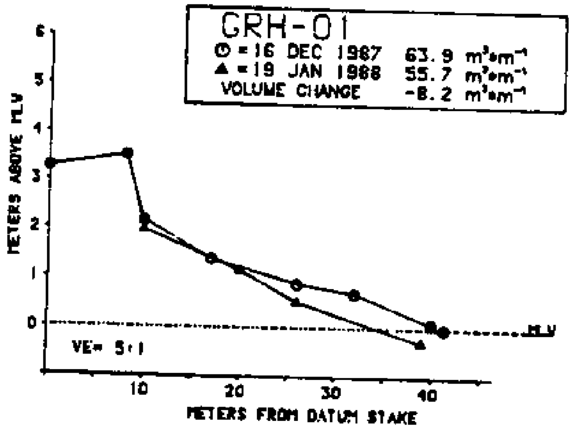

GRH-01
○ = 07 OCT 1987 59.7 m³•m⁻¹
▲ = 23 OCT 1987 59.3 m³•m⁻¹
VOLUME CHANGE -0.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

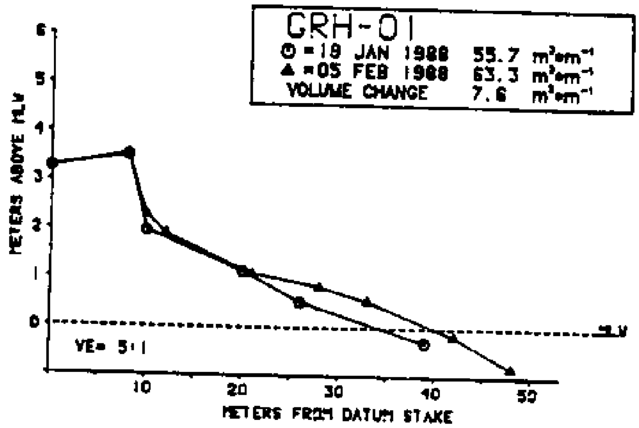

GRH-01
○ = 23 OCT 1987 59.3 m³•m⁻¹
▲ = 06 NOV 1987 61.1 m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

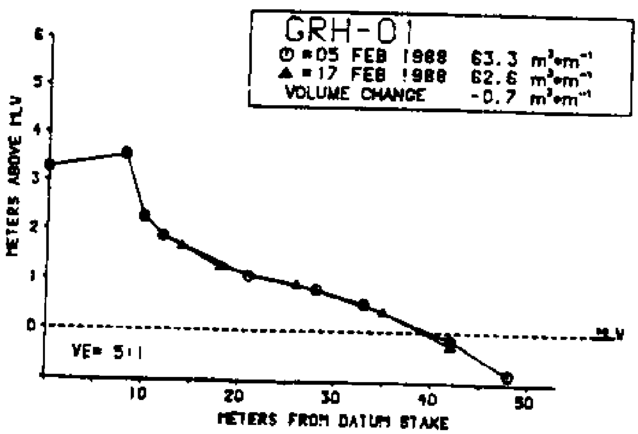

GRH-01
○ = 06 NOV 1987 61.1 m³•m⁻¹
▲ = 18 NOV 1987 55.5 m³•m⁻¹
VOLUME CHANGE -5.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

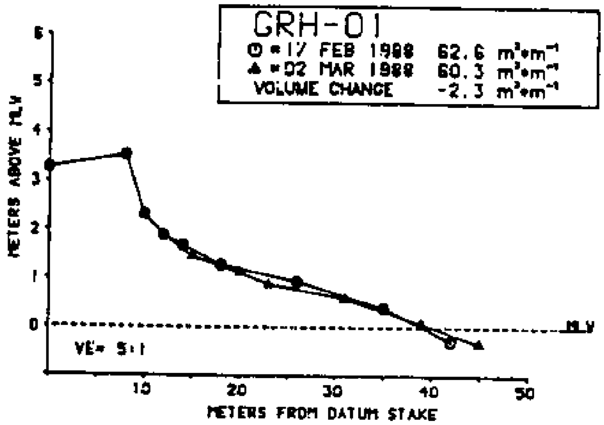

GRH-01
○ = 18 NOV 1987 55.5 m³•m⁻¹
▲ = 02 DEC 1987 61.0 m³•m⁻¹
VOLUME CHANGE 5.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE


GRH-01
⊙ =02 DEC 1987 61.0 m³•m⁻¹
▲ =16 DEC 1987 63.9 m³•m⁻¹
VOLUME CHANGE 2.9 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV


GRH-01
⊙ =16 DEC 1987 63.9 m³•m⁻¹
▲ =19 JAN 1988 55.7 m³•m⁻¹
VOLUME CHANGE -8.2 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

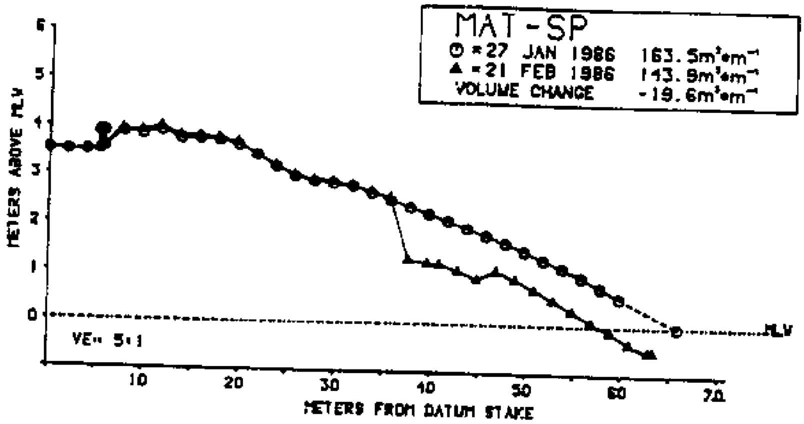

GRH-01
⊙ =19 JAN 1988 55.7 m³•m⁻¹
▲ =05 FEB 1988 63.3 m³•m⁻¹
VOLUME CHANGE 7.6 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

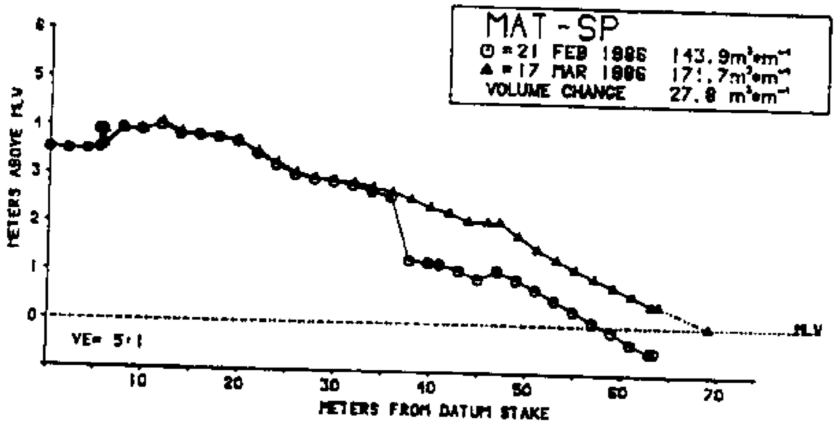

GRH-01
⊙ =05 FEB 1988 63.3 m³•m⁻¹
▲ =17 FEB 1988 62.6 m³•m⁻¹
VOLUME CHANGE -0.7 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

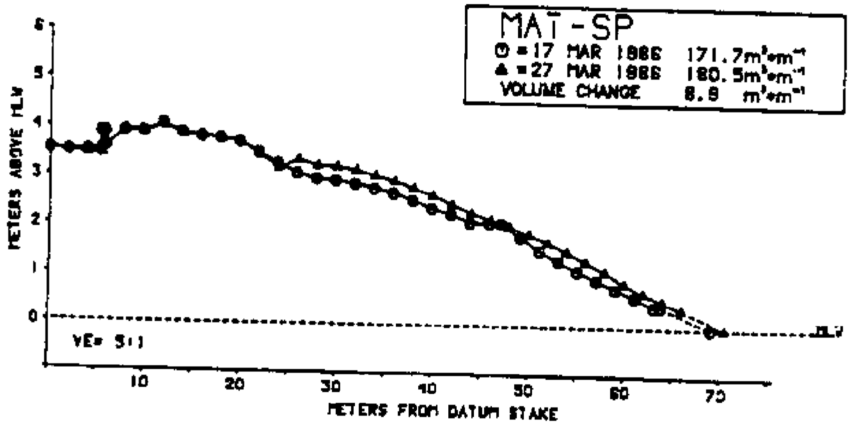

GRH-01
⊙ = 17 FEB 1988 62.6 m³•m⁻¹
▲ = 02 MAR 1988 60.3 m³•m⁻¹
VOLUME CHANGE -2.3 m³•m⁻¹
METERS ABOVE MLV
6
5
4
3
2
1
0
MLV
VE= 5:1
10
20
30
40
50
METERS FROM DATUM STAKE

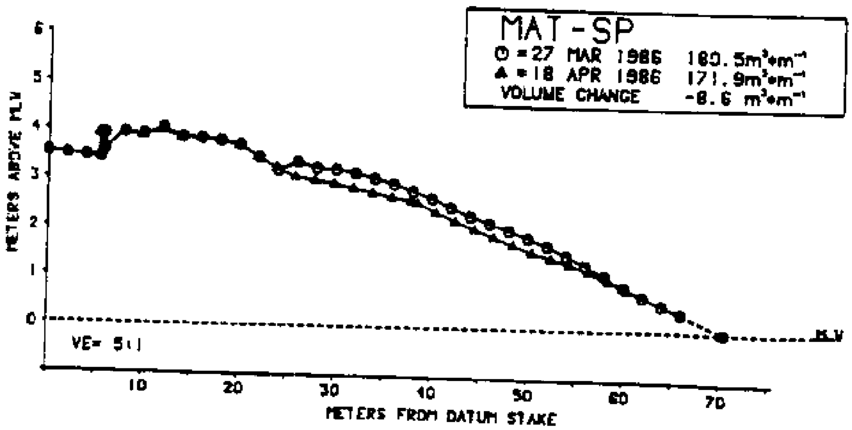
APPENDIX 1G

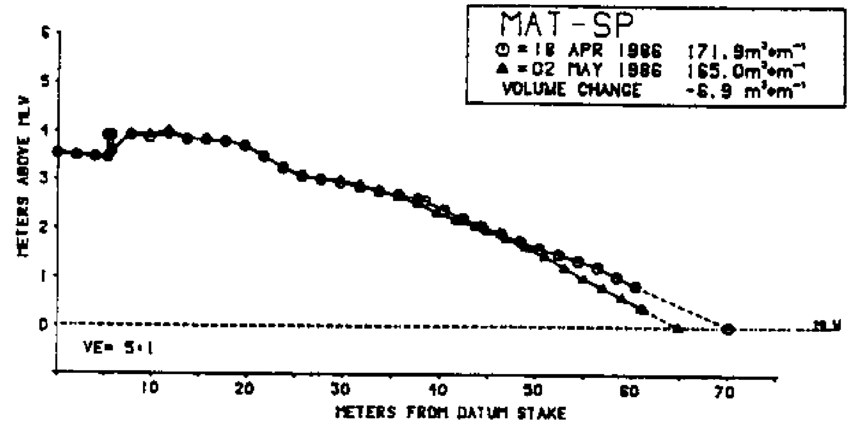
MAT-SP Profile Plots

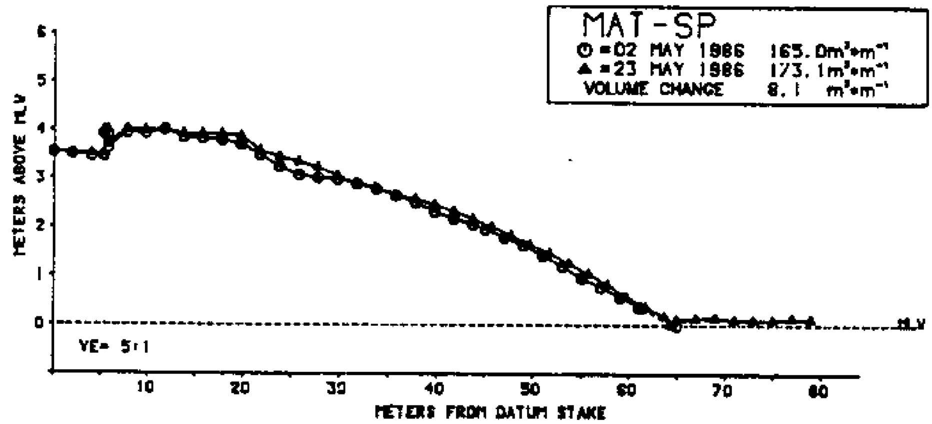

MAT-SP
○ = 27 JAN 1986 163.5 $m^3 m^{-1}$
▲ = 21 FEB 1986 143.9 $m^3 m^{-1}$
VOLUME CHANGE -19.6 $m^3 m^{-1}$
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

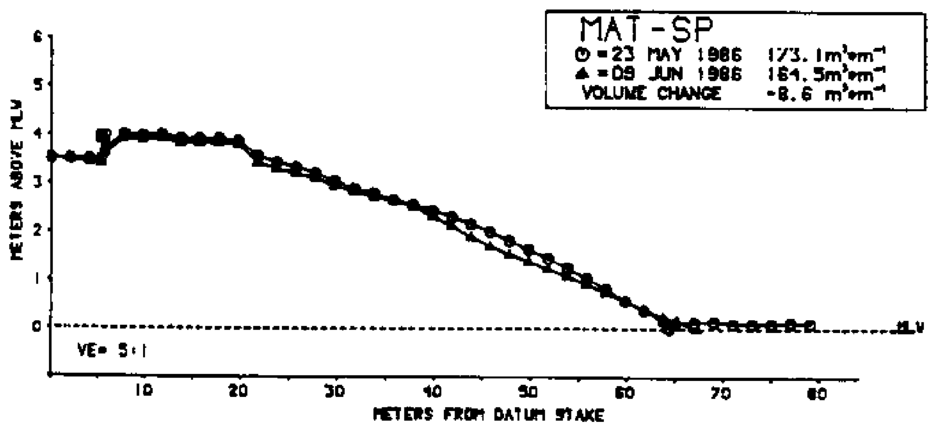

MAT-SP
○ = 21 FEB 1986 143.9 $m^3 m^{-1}$
▲ = 17 MAR 1986 171.7 $m^3 m^{-1}$
VOLUME CHANGE 27.8 $m^3 m^{-1}$
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

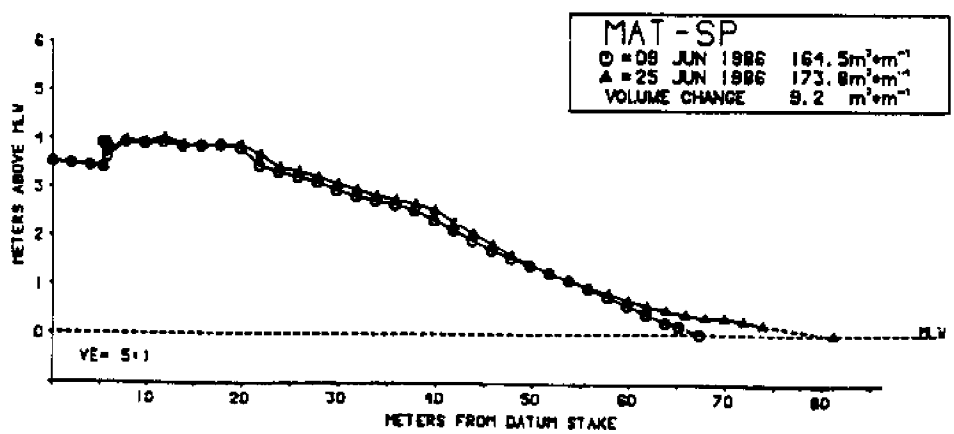

MAT-SP
○ = 17 MAR 1986 171.7 $m^3 m^{-1}$
▲ = 27 MAR 1986 180.5 $m^3 m^{-1}$
VOLUME CHANGE 8.8 $m^3 m^{-1}$
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

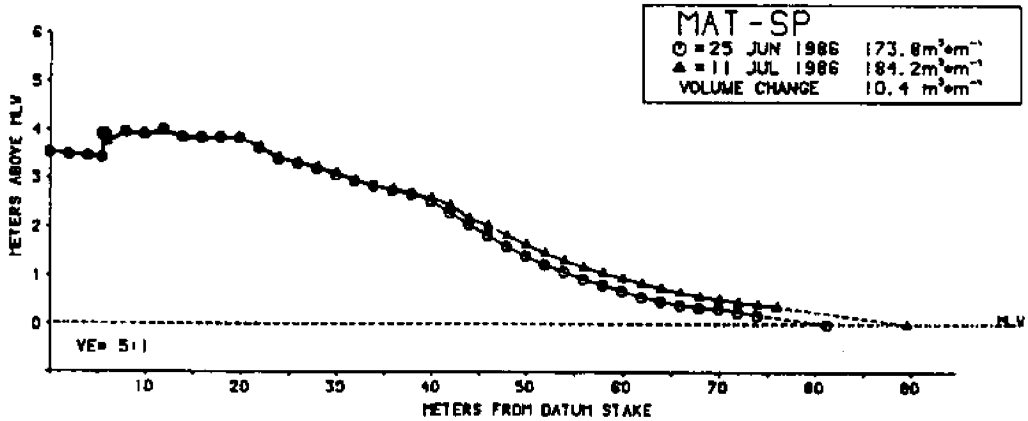

MAT-SP
○ = 27 MAR 1986 180.5 $m^3 m^{-1}$
▲ = 18 APR 1986 171.9 $m^3 m^{-1}$
VOLUME CHANGE -8.6 $m^3 m^{-1}$
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW

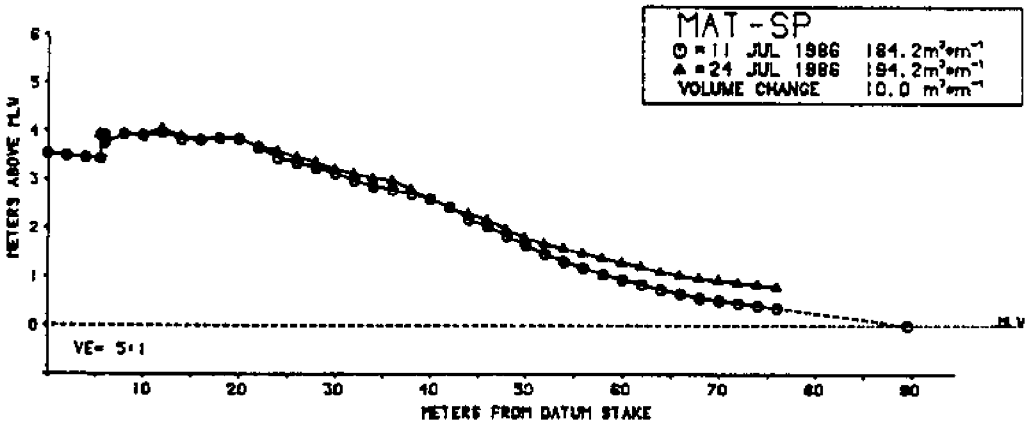

MAT-SP
⊙ = 18 APR 1986 171.9m³•m⁻¹
▲ = 02 MAY 1986 165.0m³•m⁻¹
VOLUME CHANGE -6.9 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

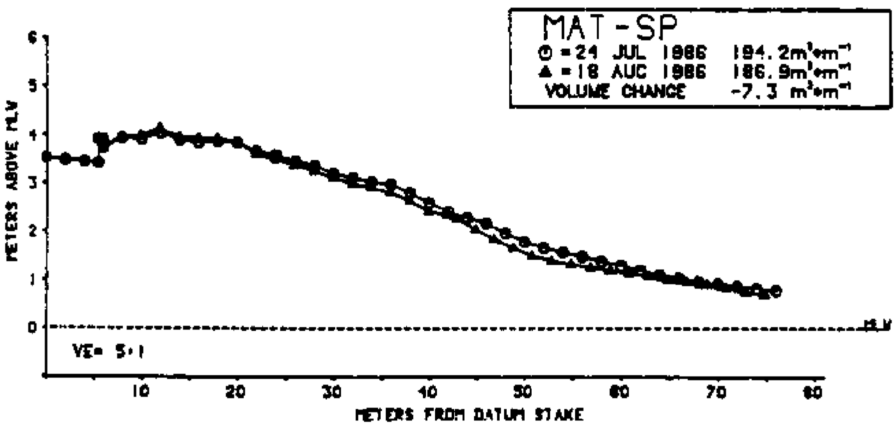

MAT-SP
⊙ = 02 MAY 1986 165.0m³•m⁻¹
▲ = 23 MAY 1986 173.1m³•m⁻¹
VOLUME CHANGE 8.1 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

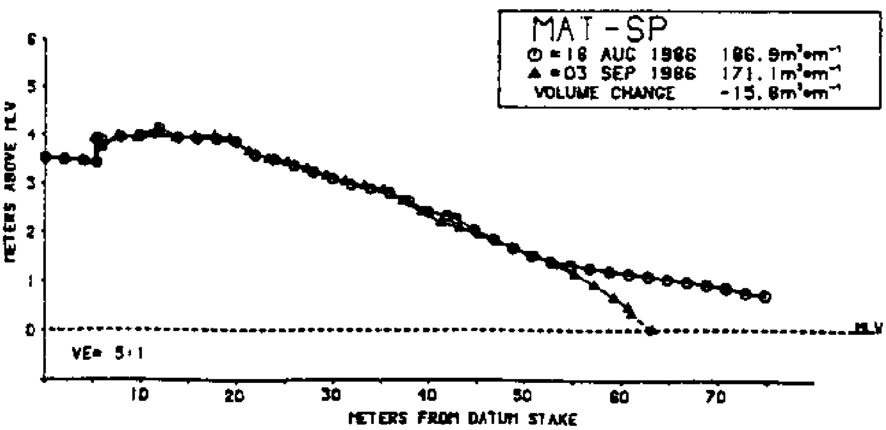

MAT-SP
⊙ = 23 MAY 1986 173.1m³•m⁻¹
▲ = 09 JUN 1986 164.5m³•m⁻¹
VOLUME CHANGE -8.6 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

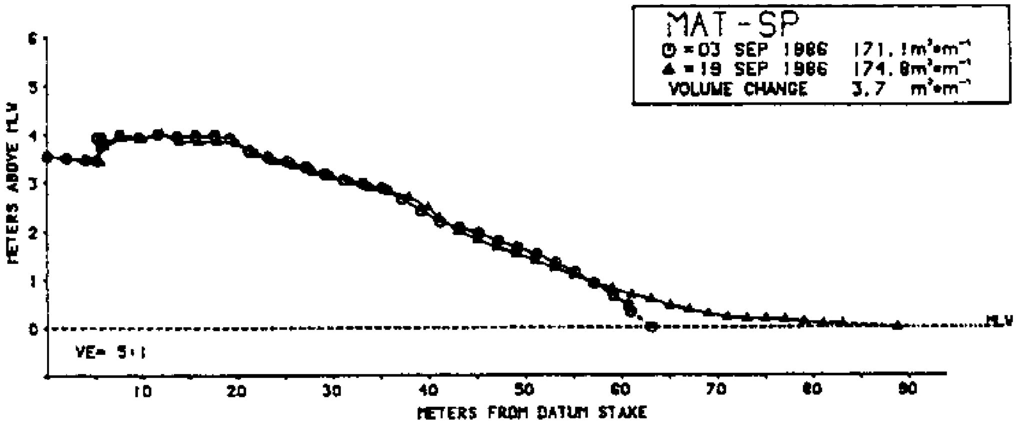

MAT-SP
⊙ = 09 JUN 1986 164.5m³•m⁻¹
▲ = 25 JUN 1986 173.8m³•m⁻¹
VOLUME CHANGE 9.2 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

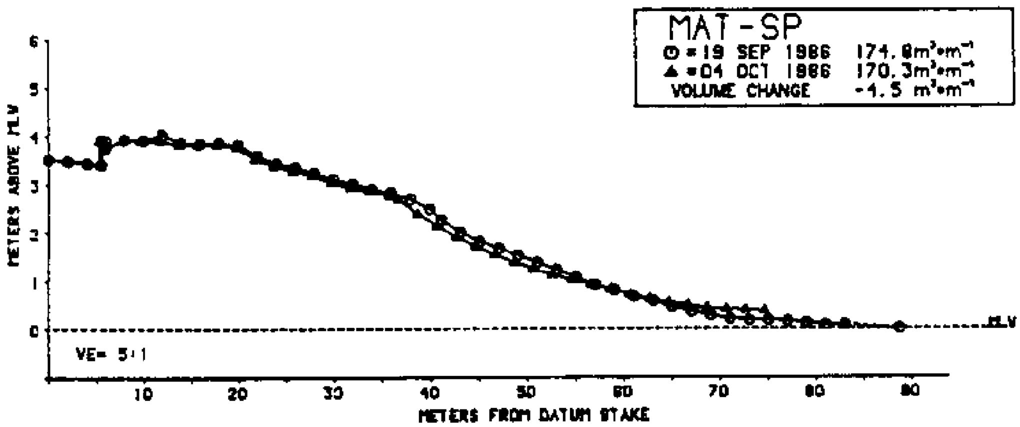

MAT-SP
⊙ = 25 JUN 1986 173.8 $m^3 m^{-1}$
▲ = 11 JUL 1986 184.2 $m^3 m^{-1}$
VOLUME CHANGE 10.4 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

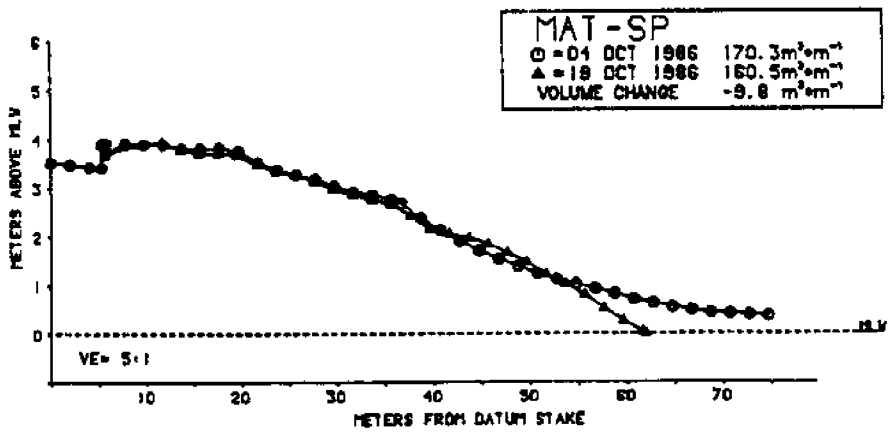

MAT-SP
⊙ = 11 JUL 1986 184.2 $m^3 m^{-1}$
▲ = 24 JUL 1986 194.2 $m^3 m^{-1}$
VOLUME CHANGE 10.0 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

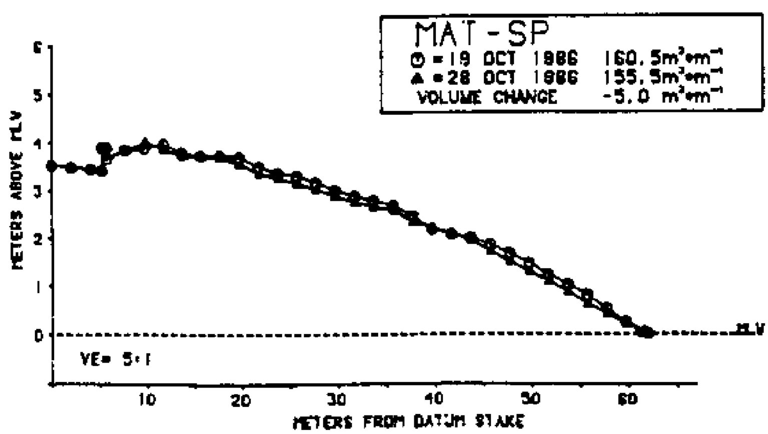

MAT-SP
⊙ = 24 JUL 1986 194.2 $m^3 m^{-1}$
▲ = 18 AUG 1986 186.9 $m^3 m^{-1}$
VOLUME CHANGE -7.3 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

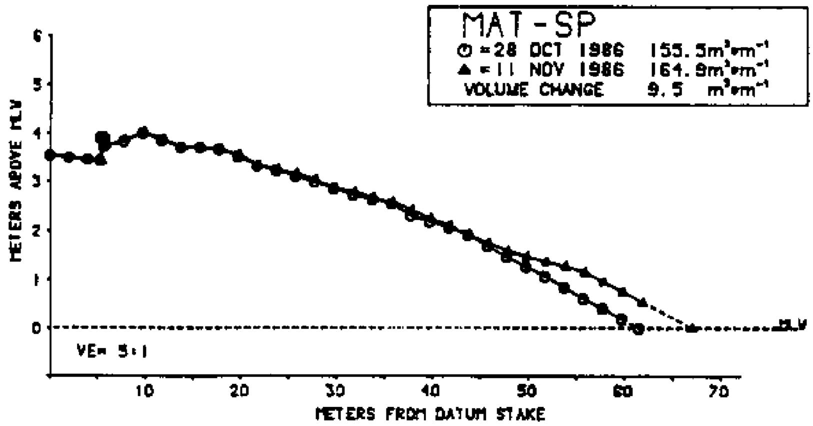

MAT-SP
⊙ = 18 AUG 1986 186.9 $m^3 m^{-1}$
▲ = 03 SEP 1986 171.1 $m^3 m^{-1}$
VOLUME CHANGE -15.8 $m^3 m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

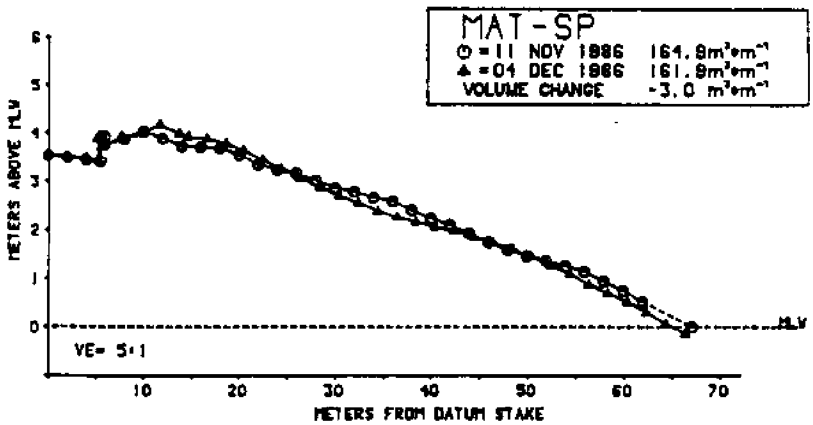

MAT-SP
⊙ = 03 SEP 1986 171.1m³•m⁻¹
▲ = 19 SEP 1986 174.8m³•m⁻¹
VOLUME CHANGE 3.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

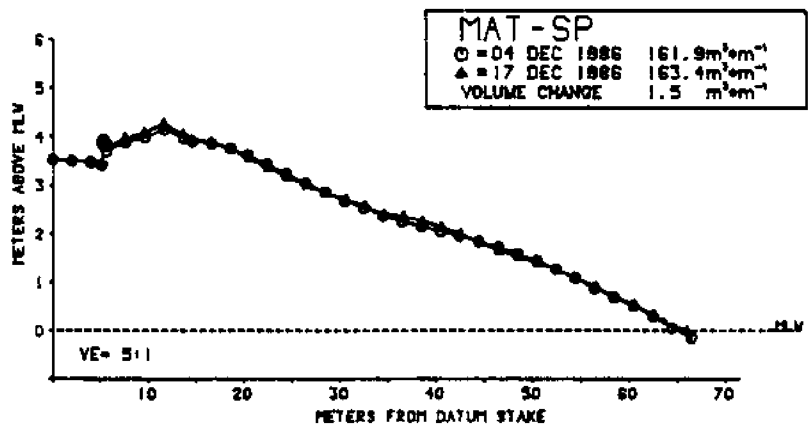

MAT-SP
⊙ = 19 SEP 1986 174.8m³•m⁻¹
▲ = 04 OCT 1986 170.3m³•m⁻¹
VOLUME CHANGE -4.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

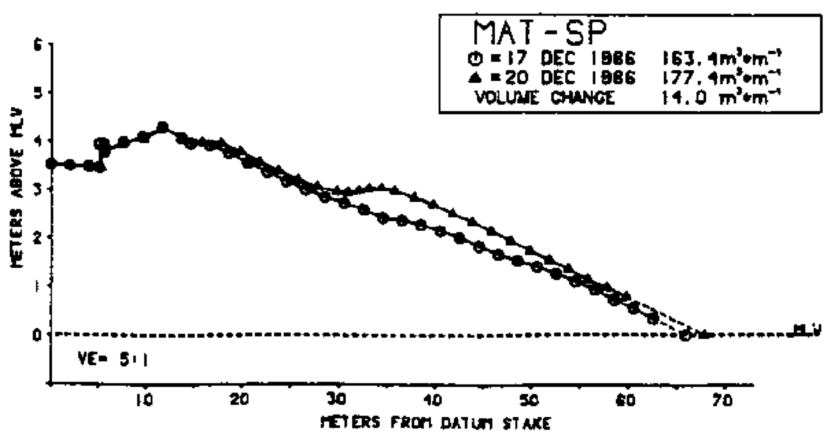

MAT-SP
⊙ = 04 OCT 1986 170.3m³•m⁻¹
▲ = 18 OCT 1986 160.5m³•m⁻¹
VOLUME CHANGE -9.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

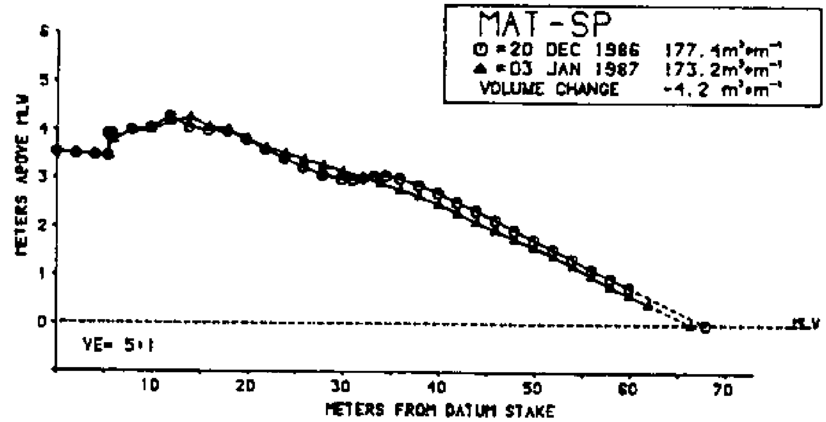

MAT-SP
⊙ = 19 OCT 1986 160.5m³•m⁻¹
▲ = 28 OCT 1986 155.5m³•m⁻¹
VOLUME CHANGE -5.0 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

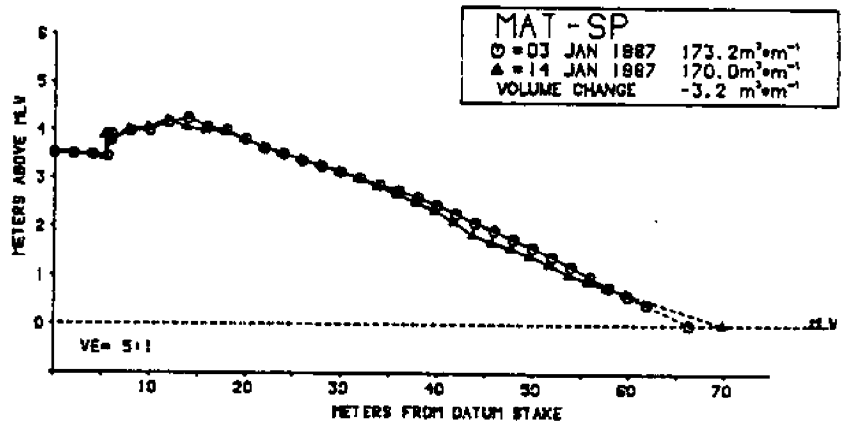

MAT-SP
⊙ =28 OCT 1986 155.5m³•m⁻¹
▲ =11 NOV 1986 164.9m³•m⁻¹
VOLUME CHANGE 9.5 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

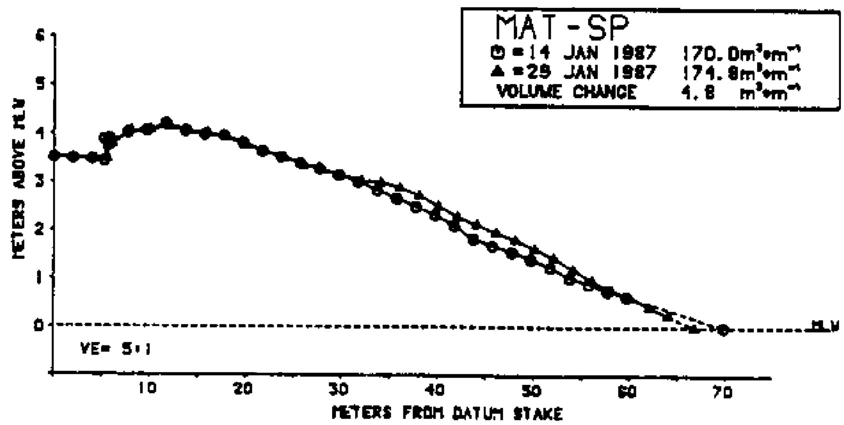

MAT-SP
⊙ =11 NOV 1986 164.9m³•m⁻¹
▲ =04 DEC 1986 161.9m³•m⁻¹
VOLUME CHANGE -3.0 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

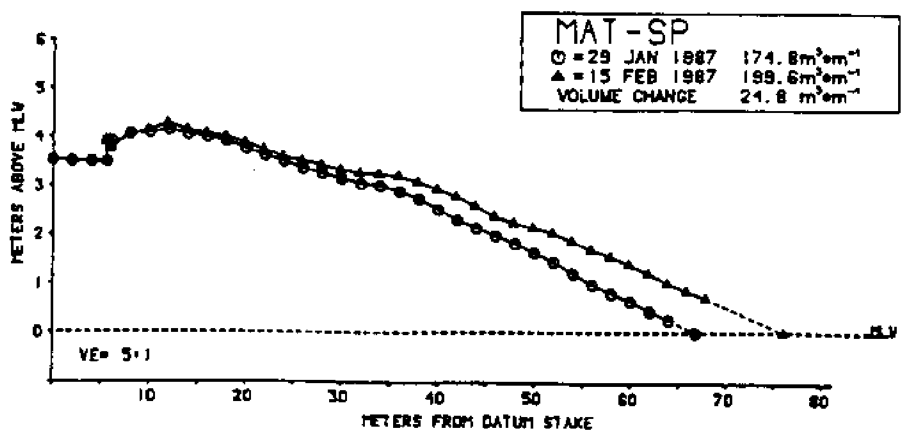

MAT-SP
⊙ =04 DEC 1986 161.9m³•m⁻¹
▲ =17 DEC 1986 163.4m³•m⁻¹
VOLUME CHANGE 1.5 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

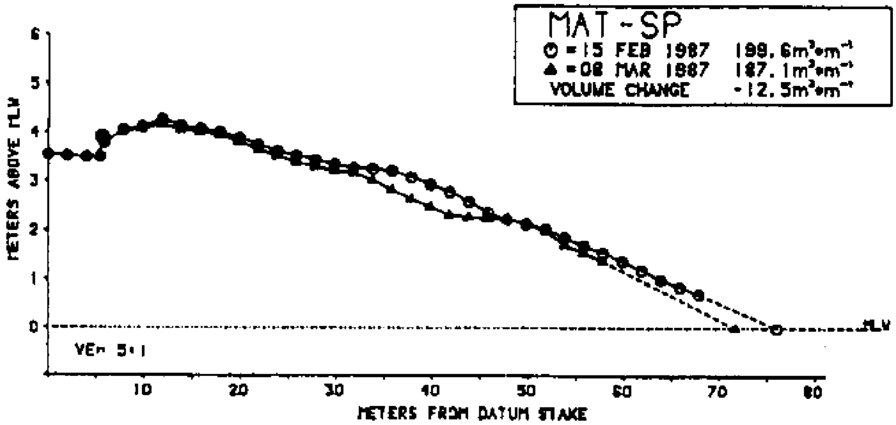

MAT-SP
⊙ =17 DEC 1986 163.4m³•m⁻¹
▲ =20 DEC 1986 177.4m³•m⁻¹
VOLUME CHANGE 14.0 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

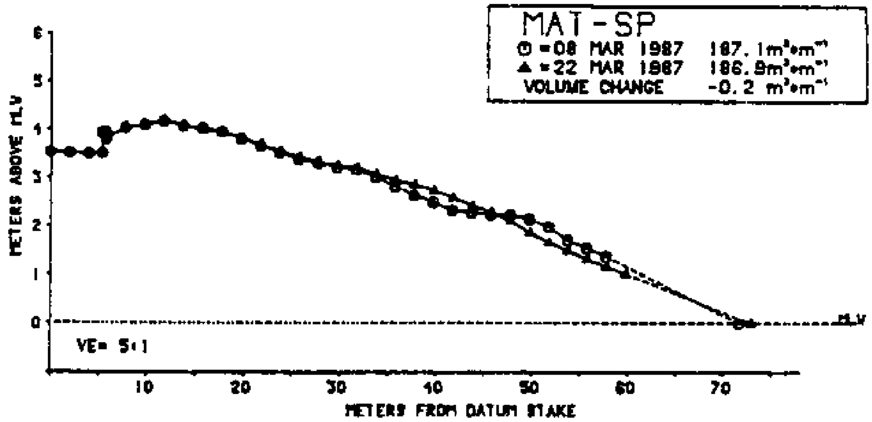

MAT-SP
○ =20 DEC 1986 177.4$m^3 \cdot m^{-1}$
▲ =03 JAN 1987 173.2$m^3 \cdot m^{-1}$
VOLUME CHANGE -4.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

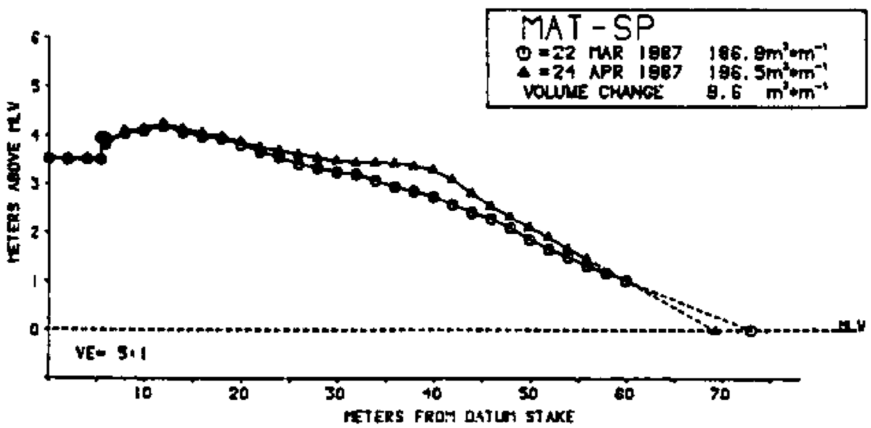

MAT-SP
○ =03 JAN 1987 173.2$m^3 \cdot m^{-1}$
▲ =14 JAN 1987 170.0$m^3 \cdot m^{-1}$
VOLUME CHANGE -3.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

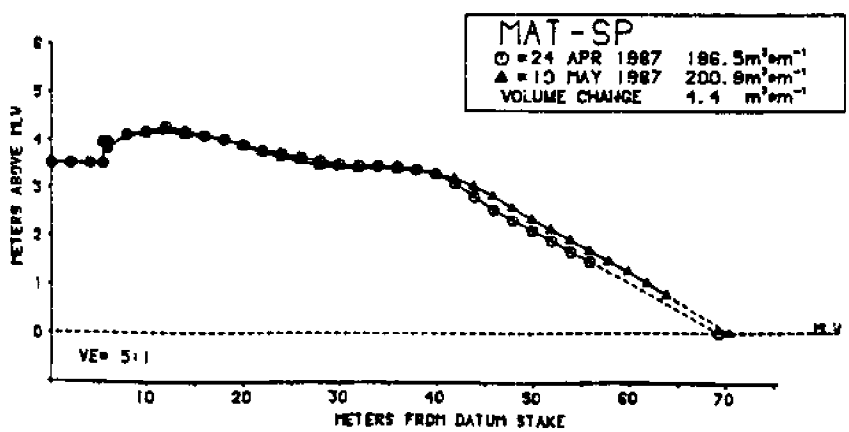

MAT-SP
○ =14 JAN 1987 170.0$m^3 \cdot m^{-1}$
▲ =29 JAN 1987 174.8$m^3 \cdot m^{-1}$
VOLUME CHANGE 4.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

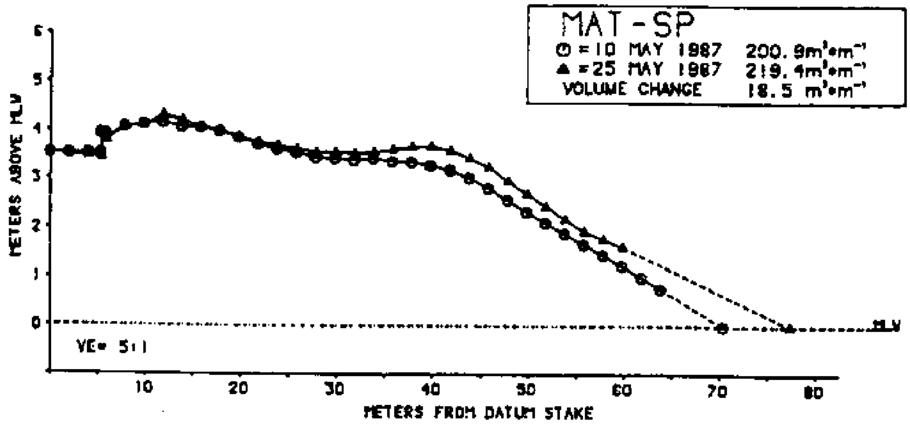

MAT-SP
○ =29 JAN 1987 174.8$m^3 \cdot m^{-1}$
▲ =15 FEB 1987 199.6$m^3 \cdot m^{-1}$
VOLUME CHANGE 24.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

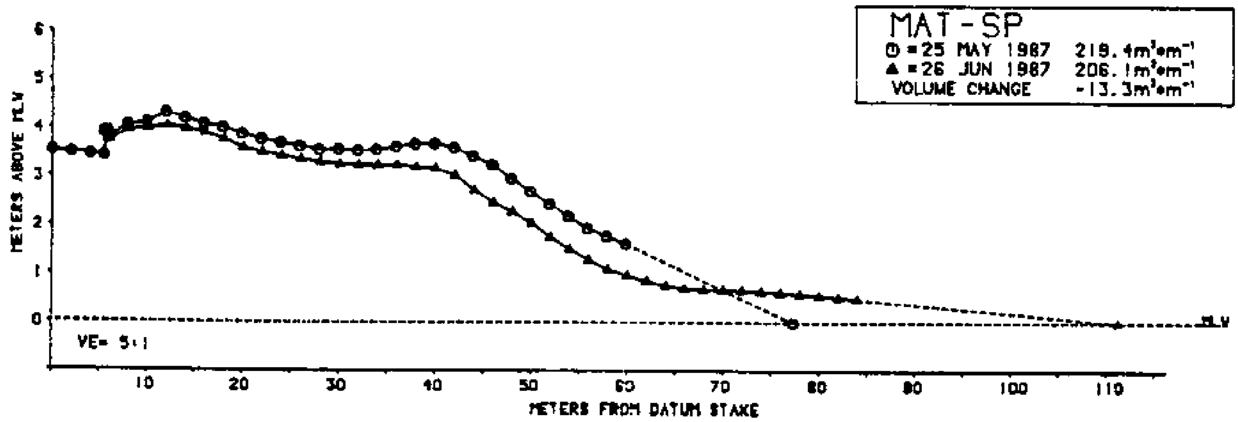

MAT-SP
○ =15 FEB 1987 199.6m^3•m^{-1}
▲ =08 MAR 1987 187.1m^3•m^{-1}
VOLUME CHANGE -12.5m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

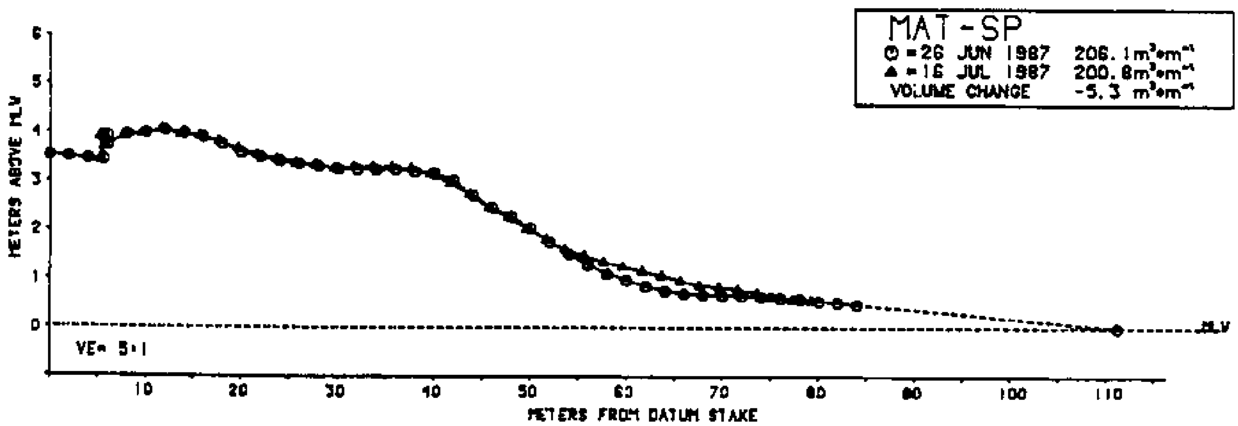

MAT-SP
○ =08 MAR 1987 187.1m^3•m^{-1}
▲ =22 MAR 1987 186.9m^3•m^{-1}
VOLUME CHANGE -0.2 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

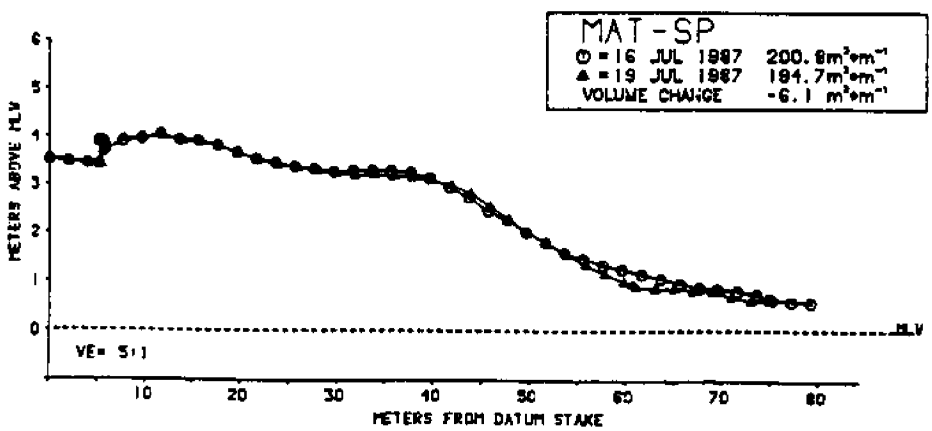

MAT-SP
○ =22 MAR 1987 186.9m^3•m^{-1}
▲ =24 APR 1987 196.5m^3•m^{-1}
VOLUME CHANGE 9.6 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

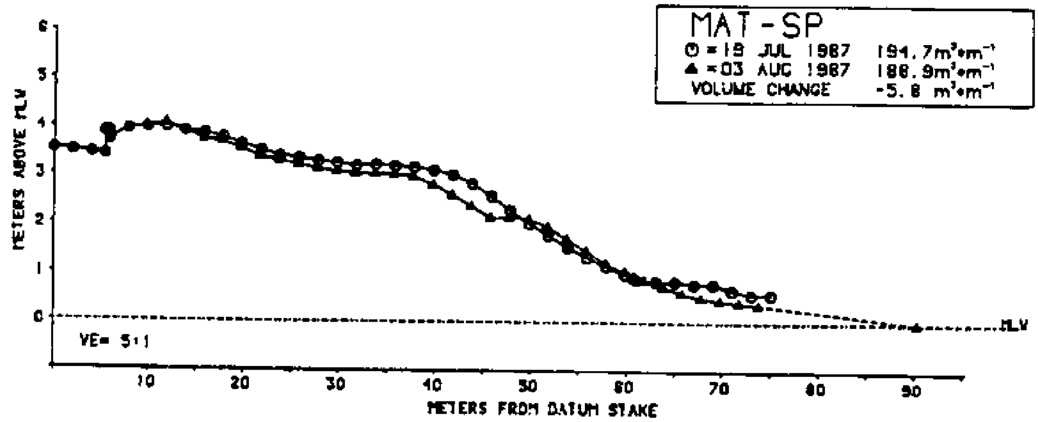

MAT-SP
○ =24 APR 1987 186.5m^3•m^{-1}
▲ =10 MAY 1987 200.9m^3•m^{-1}
VOLUME CHANGE 4.4 m^3•m^{-1}
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV


MAT - SP
⊙ = 10 MAY 1987 200.9m³•m⁻¹
▲ = 25 MAY 1987 219.4m³•m⁻¹
VOLUME CHANGE 18.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

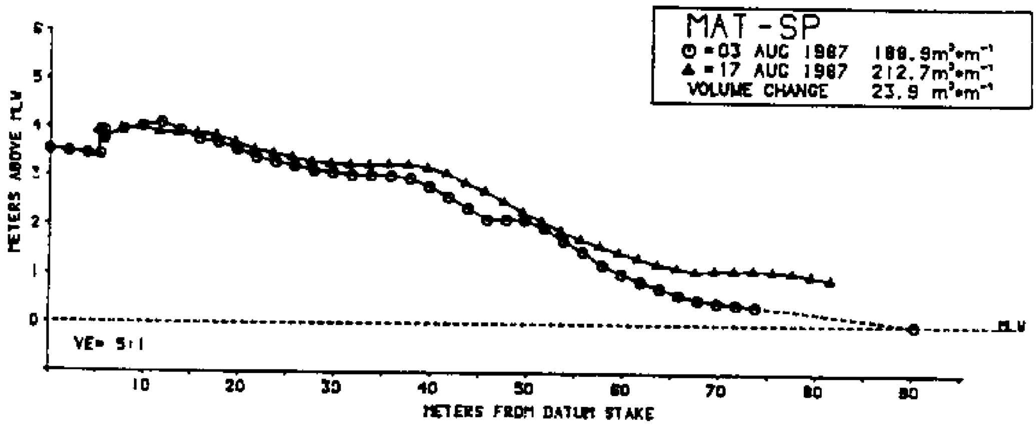

MAT - SP
⊙ = 25 MAY 1987 219.4m³•m⁻¹
▲ = 26 JUN 1987 206.1m³•m⁻¹
VOLUME CHANGE -13.3m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


MAT - SP
⊙ = 26 JUN 1987 206.1m³•m⁻¹
▲ = 16 JUL 1987 200.8m³•m⁻¹
VOLUME CHANGE -5.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

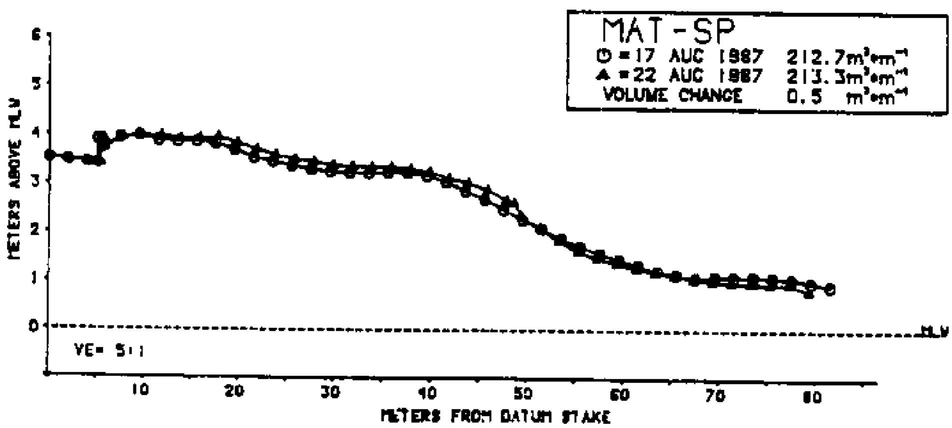

MAT - SP
⊙ = 16 JUL 1987 200.8m³•m⁻¹
▲ = 19 JUL 1987 194.7m³•m⁻¹
VOLUME CHANGE -6.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE



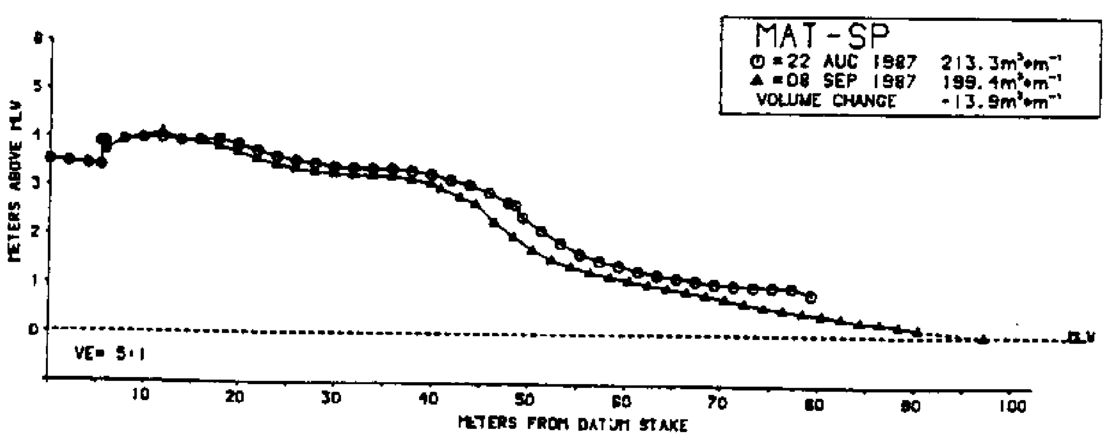
MAT - SP
O = 19 JUL 1987 194.7$m^3 \cdot m^{-1}$
▲ = 03 AUG 1987 188.9$m^3 \cdot m^{-1}$
VOLUME CHANGE -5.8 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE



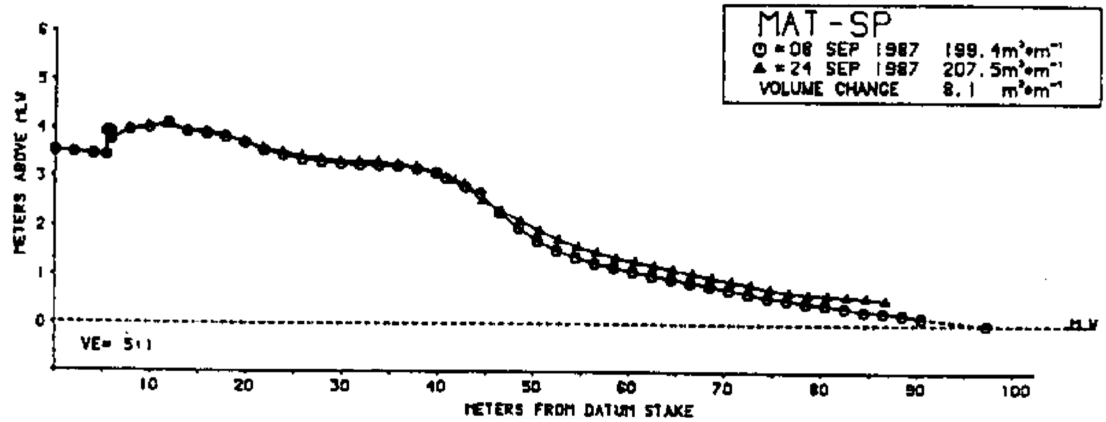
MAT - SP
O = 03 AUG 1987 188.9$m^3 \cdot m^{-1}$
▲ = 17 AUG 1987 212.7$m^3 \cdot m^{-1}$
VOLUME CHANGE 23.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

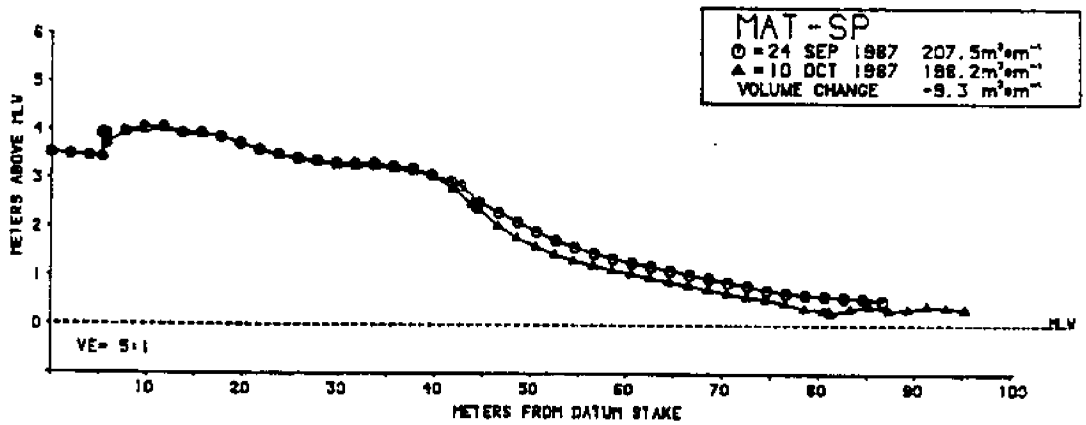


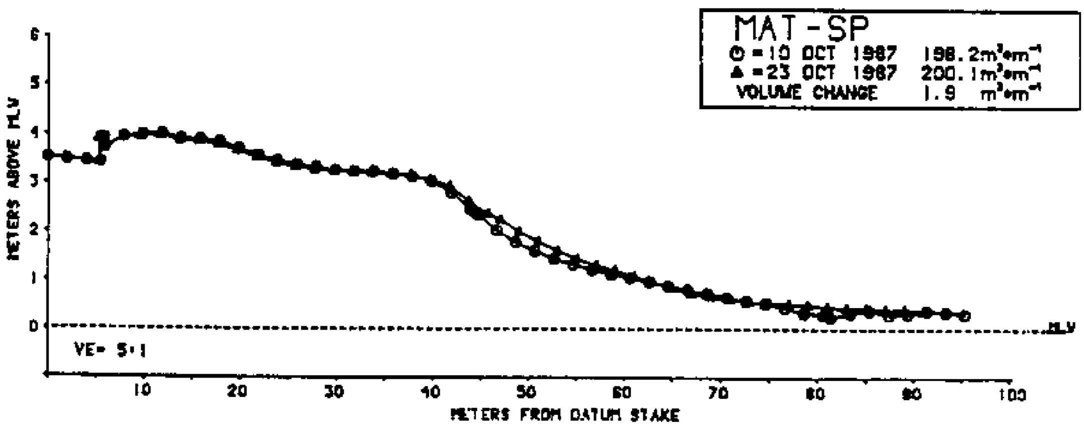
MAT - SP
O = 17 AUG 1987 212.7$m^3 \cdot m^{-1}$
▲ = 22 AUG 1987 213.3$m^3 \cdot m^{-1}$
VOLUME CHANGE 0.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

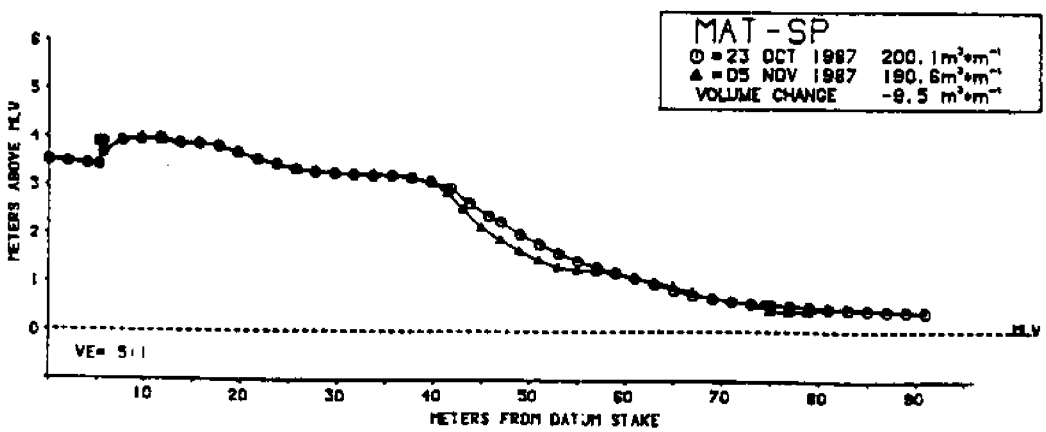


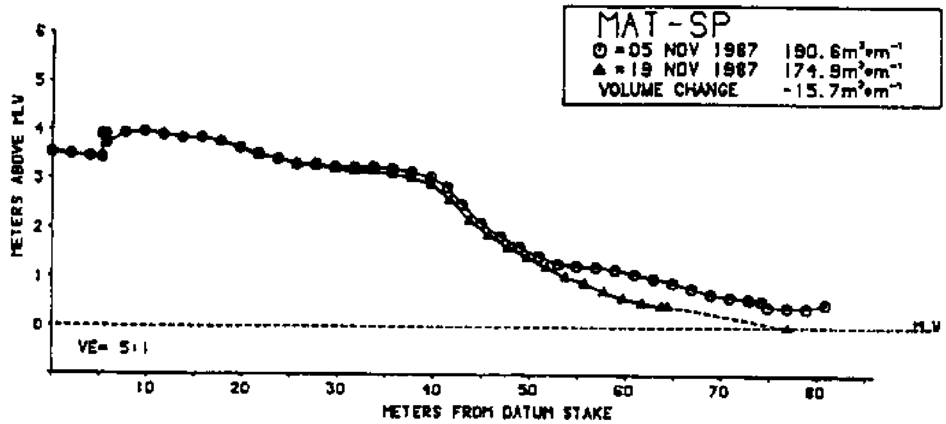
MAT - SP
O = 22 AUG 1987 213.3$m^3 \cdot m^{-1}$
▲ = 08 SEP 1987 199.4$m^3 \cdot m^{-1}$
VOLUME CHANGE -13.9$m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

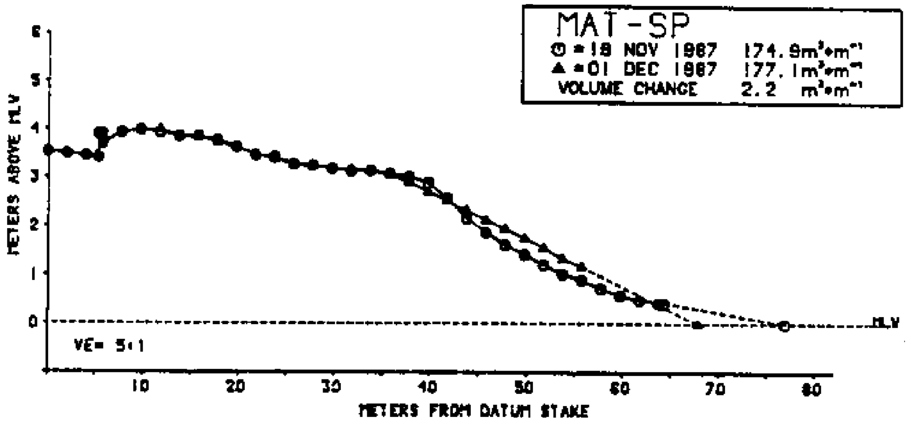

MAT - SP
⊙ = 08 SEP 1987 199.4m³•m⁻¹
▲ = 24 SEP 1987 207.5m³•m⁻¹
VOLUME CHANGE 8.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

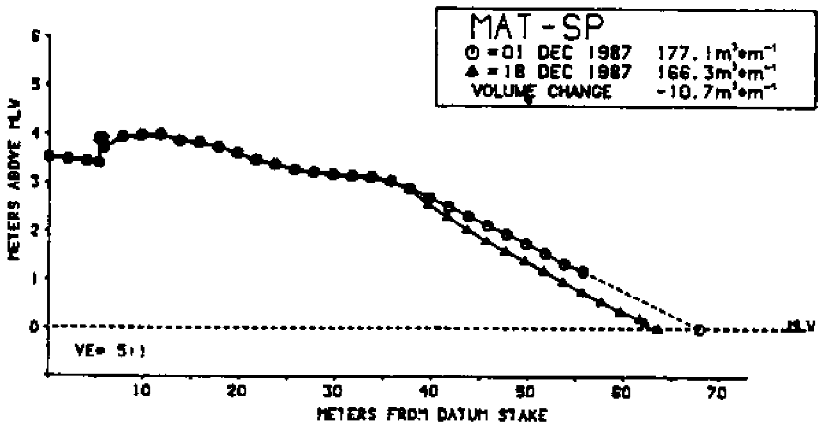

MAT - SP
⊙ = 24 SEP 1987 207.5m³•m⁻¹
▲ = 10 OCT 1987 198.2m³•m⁻¹
VOLUME CHANGE -9.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

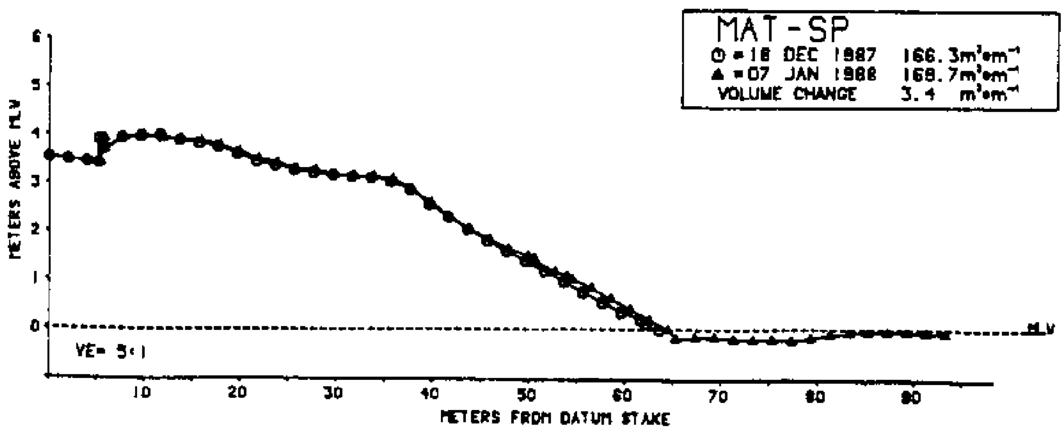

MAT - SP
⊙ = 10 OCT 1987 198.2m³•m⁻¹
▲ = 23 OCT 1987 200.1m³•m⁻¹
VOLUME CHANGE 1.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

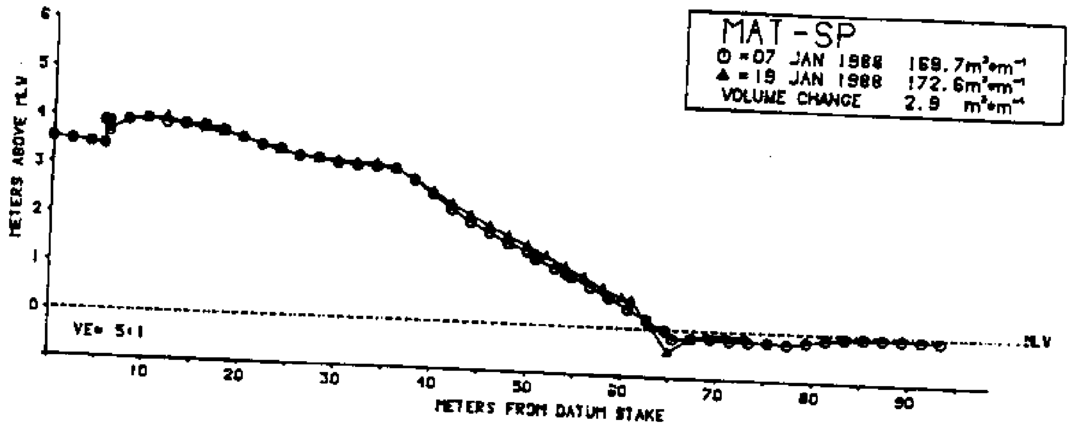

MAT - SP
⊙ = 23 OCT 1987 200.1m³•m⁻¹
▲ = 05 NOV 1987 190.6m³•m⁻¹
VOLUME CHANGE -9.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

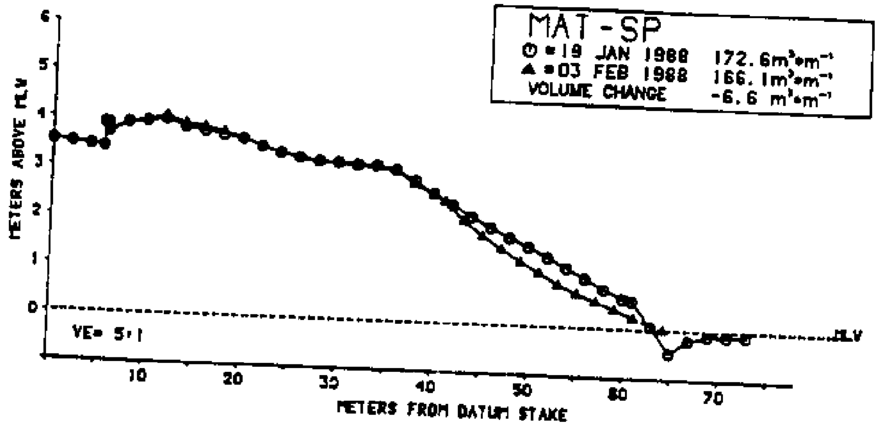

MAT - SP
O = 05 NOV 1987 190.6m³•m⁻¹
▲ = 19 NOV 1987 174.9m³•m⁻¹
VOLUME CHANGE -15.7m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

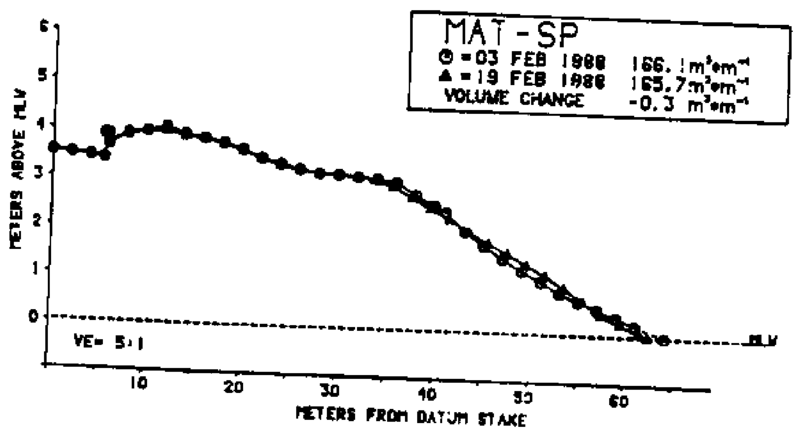

MAT - SP
O = 18 NOV 1987 174.9m³•m⁻¹
▲ = 01 DEC 1987 177.1m³•m⁻¹
VOLUME CHANGE 2.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

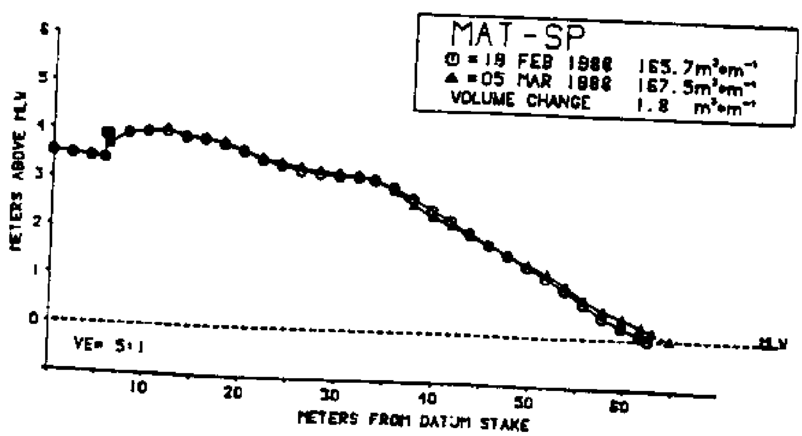

MAT - SP
O = 01 DEC 1987 177.1m³•m⁻¹
▲ = 18 DEC 1987 166.3m³•m⁻¹
VOLUME CHANGE -10.7m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

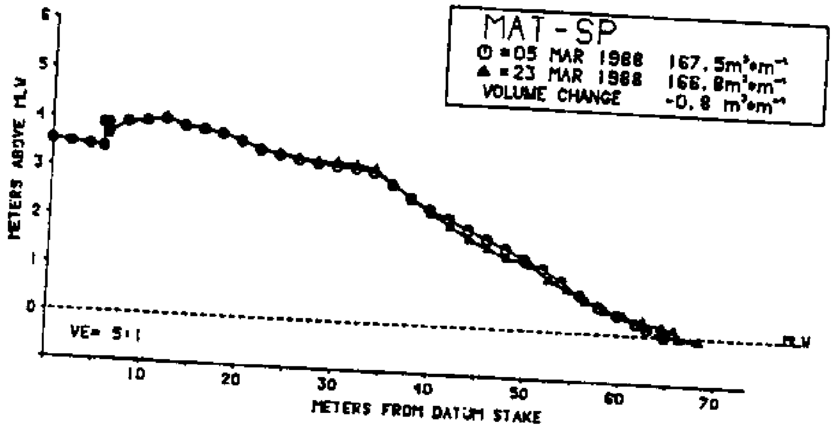

MAT - SP
O = 18 DEC 1987 166.3m³•m⁻¹
▲ = 07 JAN 1988 168.7m³•m⁻¹
VOLUME CHANGE 3.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


MAT-SP
⊙ = 07 JAN 1988 169.7m³•m⁻¹
▲ = 19 JAN 1988 172.6m³•m⁻¹
VOLUME CHANGE 2.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


MAT-SP
⊙ = 19 JAN 1988 172.6m³•m⁻¹
▲ = 03 FEB 1988 166.1m³•m⁻¹
VOLUME CHANGE -6.6 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

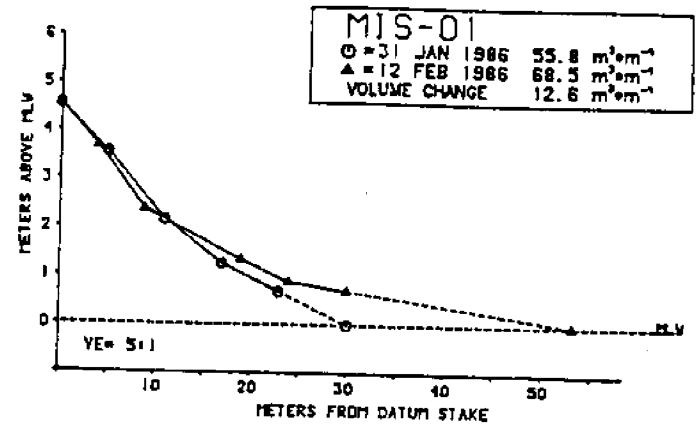

MAT-SP
⊙ = 03 FEB 1988 166.1m³•m⁻¹
▲ = 19 FEB 1988 165.7m³•m⁻¹
VOLUME CHANGE -0.3 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

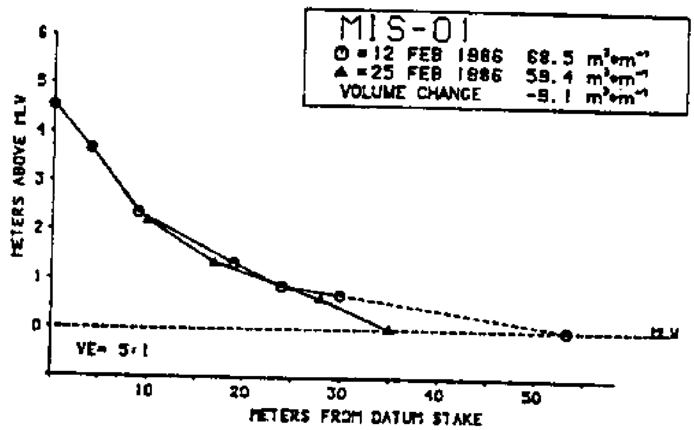

MAT-SP
⊙ = 19 FEB 1988 165.7m³•m⁻¹
▲ = 05 MAR 1988 167.5m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

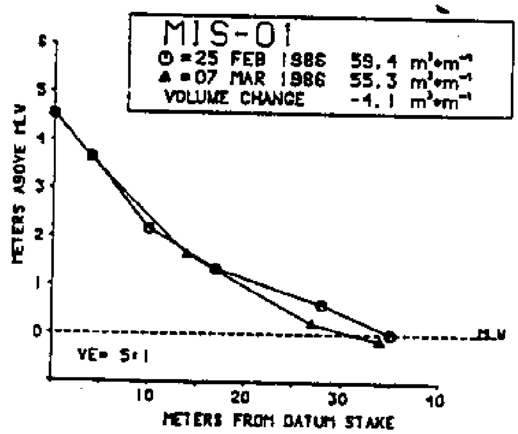

MAT-SP
○ =05 MAR 1988 167.5m³•m⁻¹
▲ =23 MAR 1988 166.8m³•m⁻¹
VOLUME CHANGE -0.8 m³•m⁻¹
METERS ABOVE MLW
METERS FROM DATUM STAKE
VE= 5:1
MLW
0
1
2
3
4
5
6
10
20
30
40
50
60
70

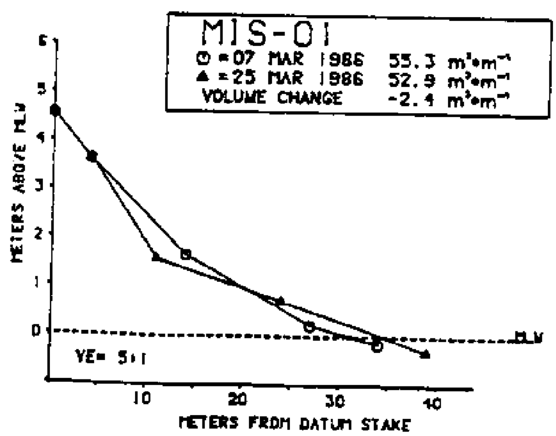
APPENDIX 1H

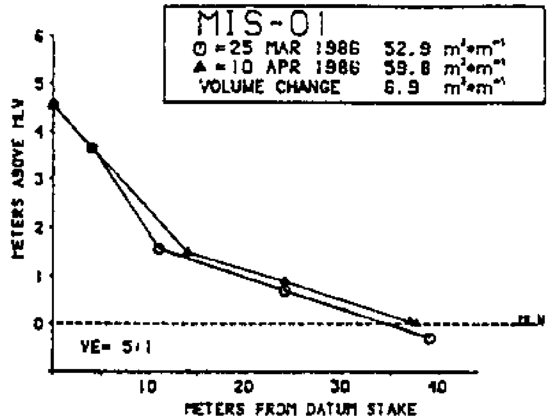
MIS-01 Profile Plots

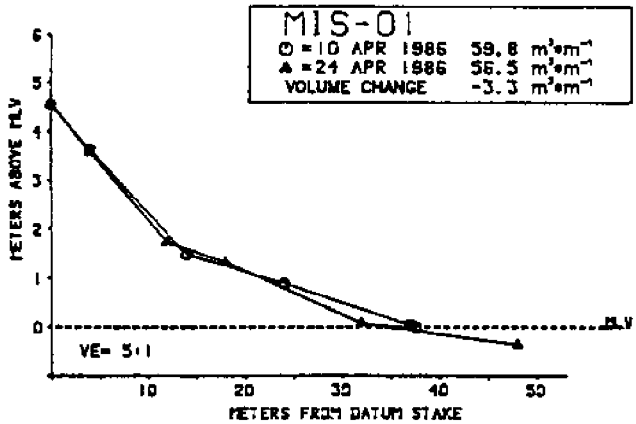

MIS-01
⊙ =31 JAN 1986 55.8 m³•m⁻¹
▲ =12 FEB 1986 68.5 m³•m⁻¹
VOLUME CHANGE 12.6 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

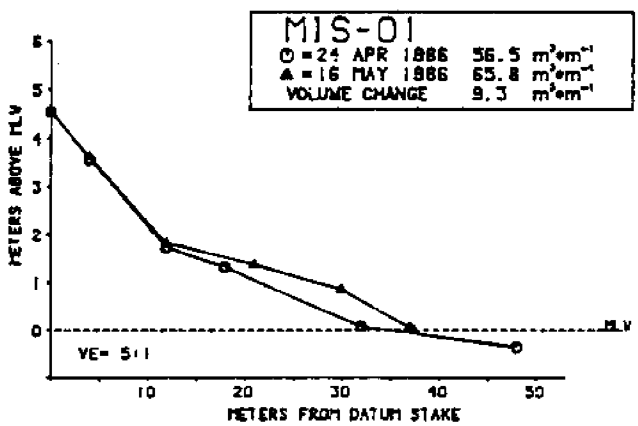

MIS-01
⊙ =12 FEB 1986 68.5 m³•m⁻¹
▲ =25 FEB 1986 59.4 m³•m⁻¹
VOLUME CHANGE -9.1 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

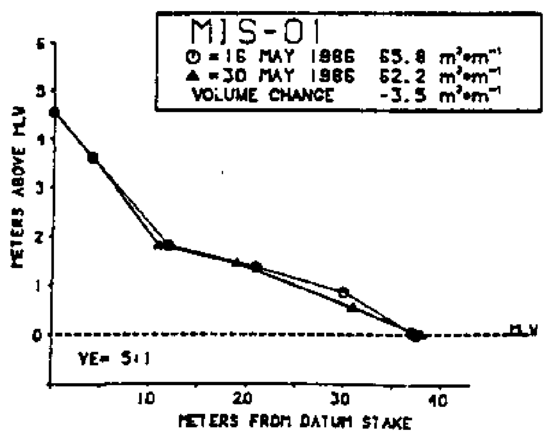

MIS-01
⊙ =25 FEB 1986 59.4 m³•m⁻¹
▲ =07 MAR 1986 55.3 m³•m⁻¹
VOLUME CHANGE -4.1 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

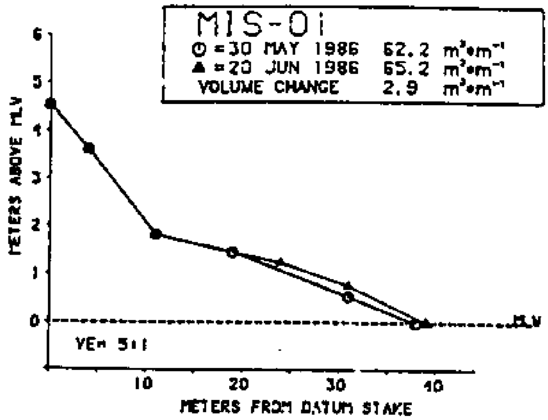

MIS-01
⊙ =07 MAR 1986 55.3 m³•m⁻¹
▲ =25 MAR 1986 52.9 m³•m⁻¹
VOLUME CHANGE -2.4 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

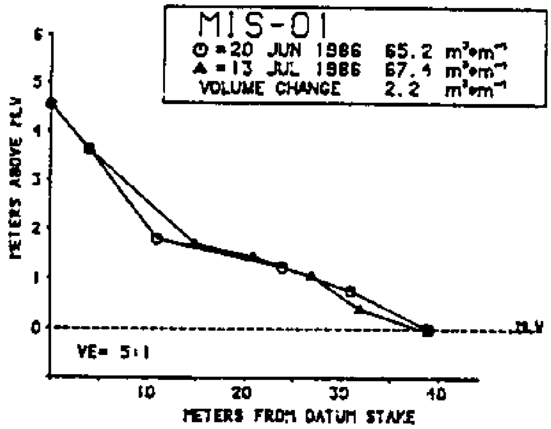

MIS-01
O =25 MAR 1986 52.9 m³•m⁻¹
▲ =10 APR 1986 59.8 m³•m⁻¹
VOLUME CHANGE 6.9 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

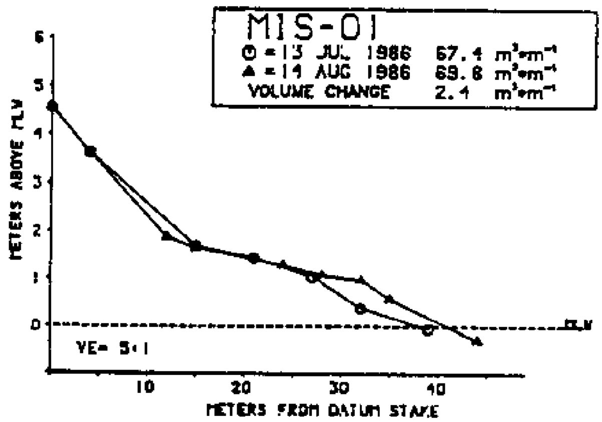

MIS-01
O =10 APR 1986 59.8 m³•m⁻¹
▲ =24 APR 1986 56.5 m³•m⁻¹
VOLUME CHANGE -3.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

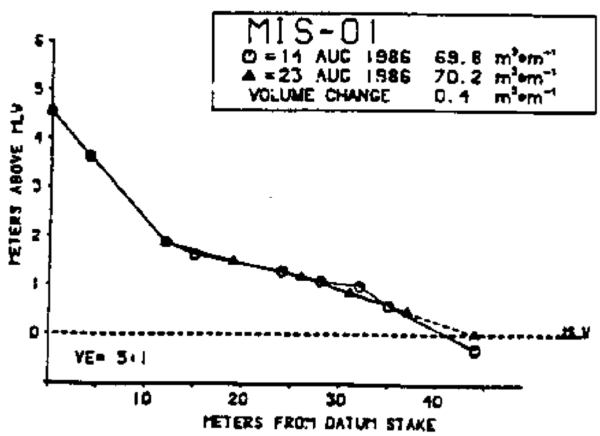

MIS-01
O =24 APR 1986 56.5 m³•m⁻¹
▲ =16 MAY 1986 65.8 m³•m⁻¹
VOLUME CHANGE 9.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

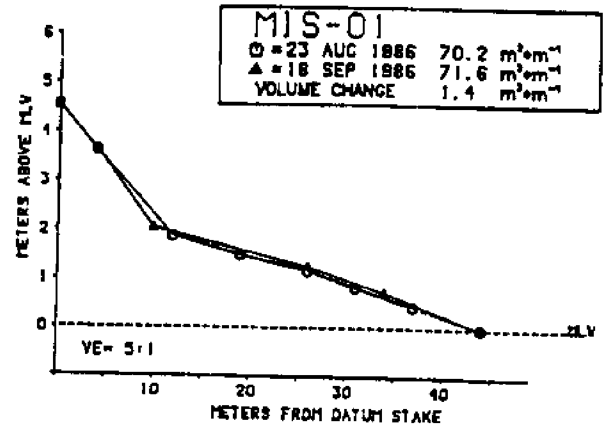

MIS-01
O =16 MAY 1986 65.8 m³•m⁻¹
▲ =30 MAY 1986 62.2 m³•m⁻¹
VOLUME CHANGE -3.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

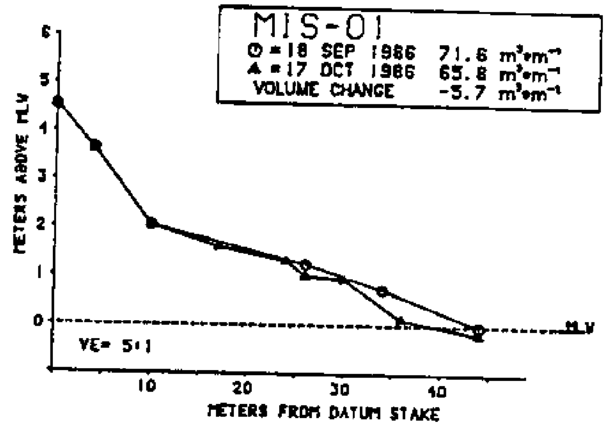

MIS-01
O =30 MAY 1986 62.2 m³•m⁻¹
▲ =20 JUN 1986 65.2 m³•m⁻¹
VOLUME CHANGE 2.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

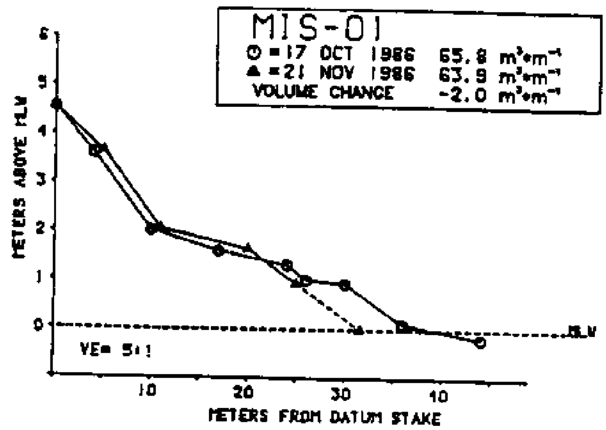

MIS-01
O =20 JUN 1986 65.2 m³•m⁻¹
▲ =13 JUL 1986 67.4 m³•m⁻¹
VOLUME CHANGE 2.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

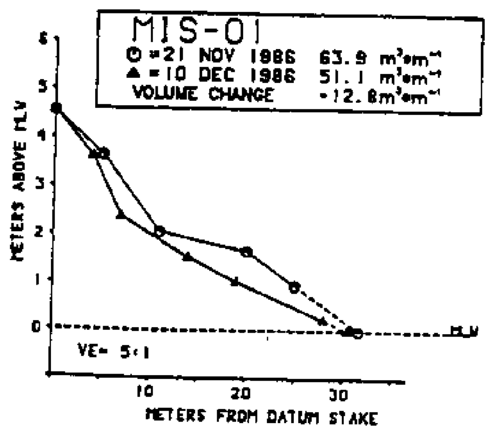

MIS-01
O =13 JUL 1986 67.4 m³•m⁻¹
▲ =14 AUG 1986 69.8 m³•m⁻¹
VOLUME CHANGE 2.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

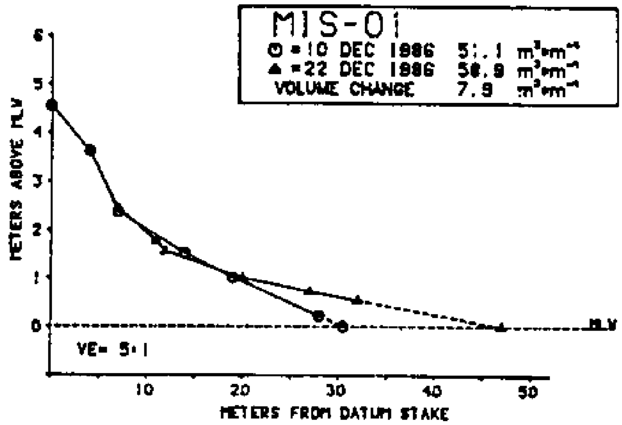

MIS-01
O =14 AUG 1986 69.8 m³•m⁻¹
▲ =23 AUG 1986 70.2 m³•m⁻¹
VOLUME CHANGE 0.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

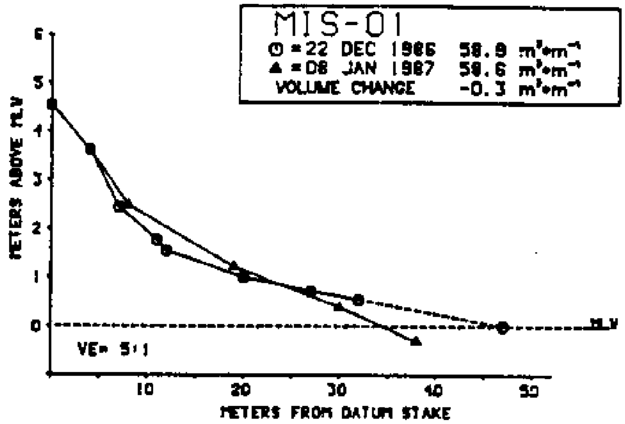

MIS-01
⊙ =23 AUG 1986 70.2 m³•m⁻¹
▲ =18 SEP 1986 71.6 m³•m⁻¹
VOLUME CHANGE 1.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

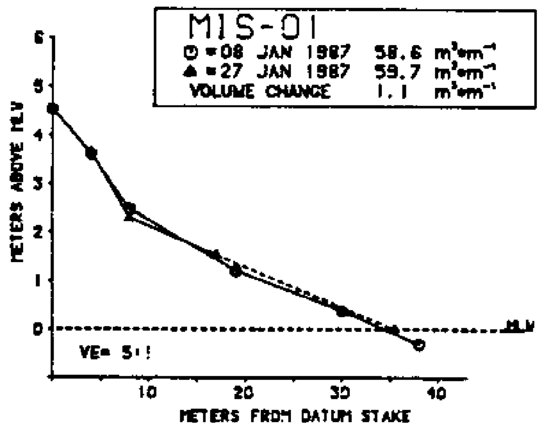

MIS-01
⊙ =18 SEP 1986 71.6 m³•m⁻¹
▲ =17 OCT 1986 65.8 m³•m⁻¹
VOLUME CHANGE -5.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

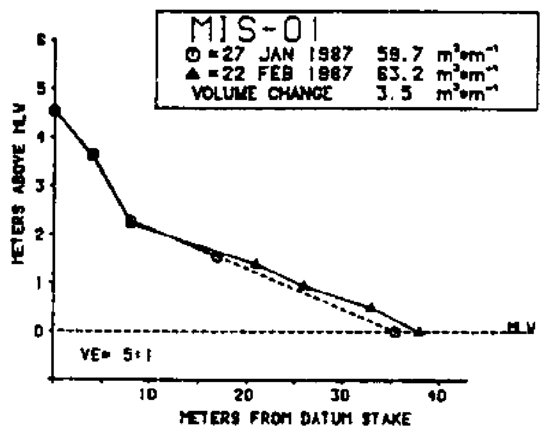

MIS-01
⊙ =17 OCT 1986 65.8 m³•m⁻¹
▲ =21 NOV 1986 63.9 m³•m⁻¹
VOLUME CHANGE -2.0 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

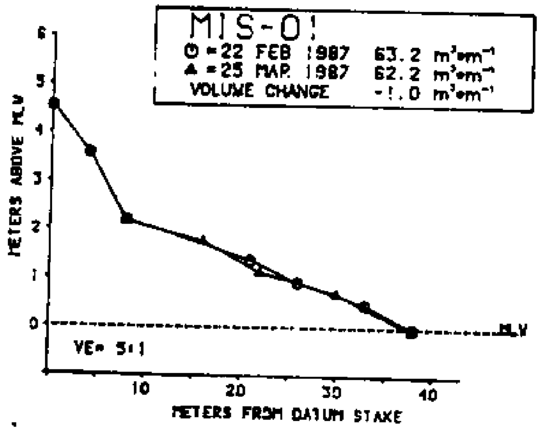

MIS-01
⊙ =21 NOV 1986 63.9 m³•m⁻¹
▲ =10 DEC 1986 51.1 m³•m⁻¹
VOLUME CHANGE -12.8m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

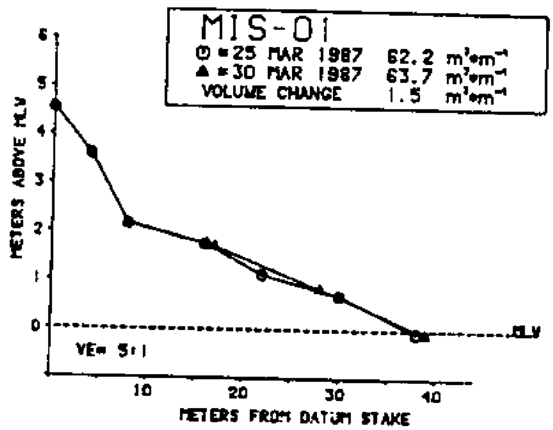

MIS-01
⊙ =10 DEC 1986 5:.1 m³•m⁻¹
▲ =22 DEC 1986 58.9 m³•m⁻¹
VOLUME CHANGE 7.9 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

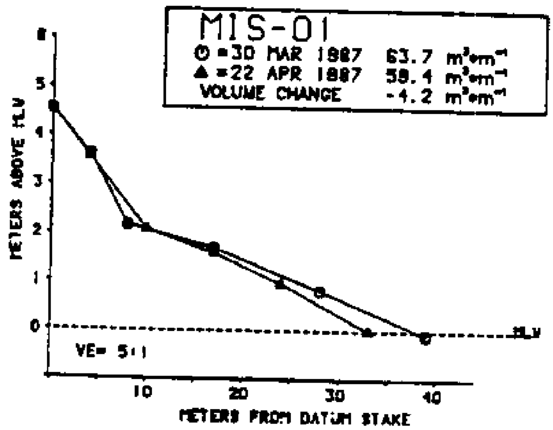

MIS-01
⊙ =22 DEC 1986 58.9 m³•m⁻¹
▲ =08 JAN 1987 58.6 m³•m⁻¹
VOLUME CHANGE -0.3 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

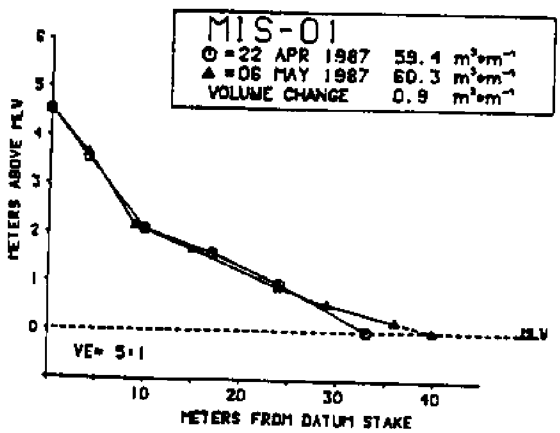

MIS-01
⊙ =08 JAN 1987 58.6 m³•m⁻¹
▲ =27 JAN 1987 59.7 m³•m⁻¹
VOLUME CHANGE 1.1 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

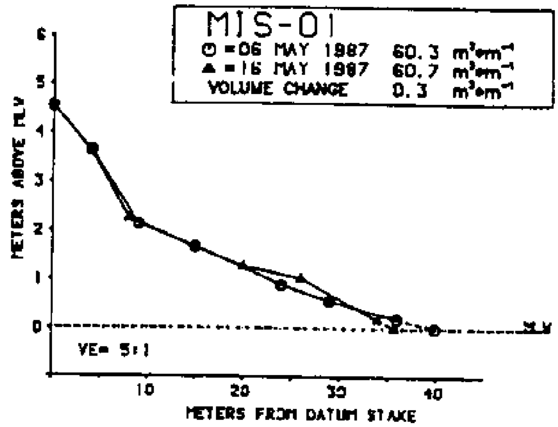

MIS-01
⊙ =27 JAN 1987 59.7 m³•m⁻¹
▲ =22 FEB 1987 63.2 m³•m⁻¹
VOLUME CHANGE 3.5 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

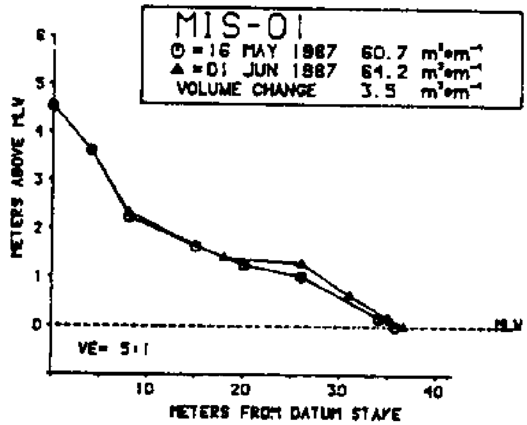

MIS-01
⊙ =22 FEB 1987 63.2 m³•m⁻¹
▲ =25 MAR 1987 62.2 m³•m⁻¹
VOLUME CHANGE -1.0 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

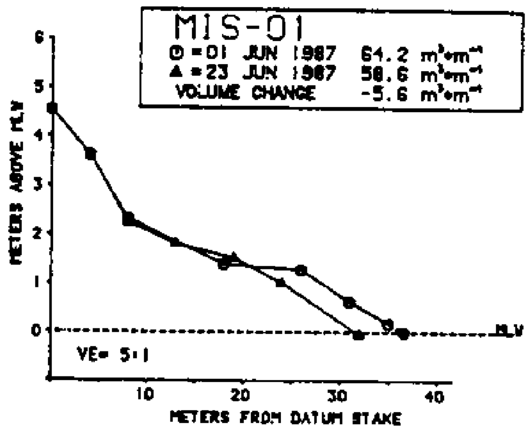

MIS-01
⊙ =25 MAR 1987 62.2 m³•m⁻¹
▲ =30 MAR 1987 63.7 m³•m⁻¹
VOLUME CHANGE 1.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

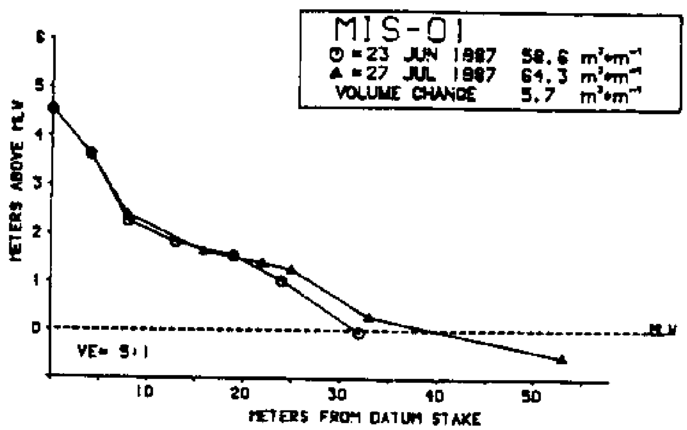

MIS-01
⊙ =30 MAR 1987 63.7 m³•m⁻¹
▲ =22 APR 1987 59.4 m³•m⁻¹
VOLUME CHANGE -4.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

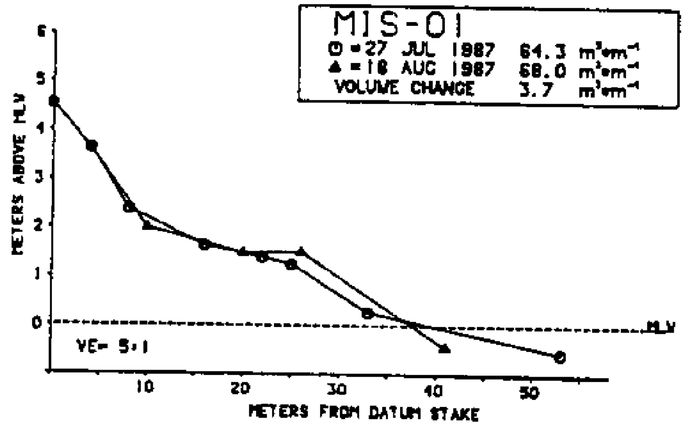

MIS-01
⊙ =22 APR 1987 59.4 m³•m⁻¹
▲ =06 MAY 1987 60.3 m³•m⁻¹
VOLUME CHANGE 0.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

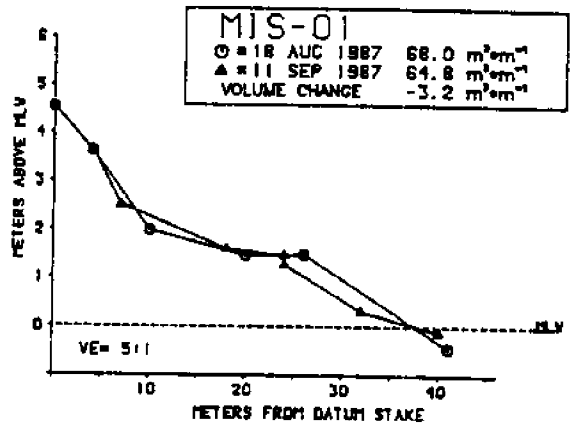

MIS-01
⊙ =06 MAY 1987 60.3 m³•m⁻¹
▲ =16 MAY 1987 60.7 m³•m⁻¹
VOLUME CHANGE 0.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

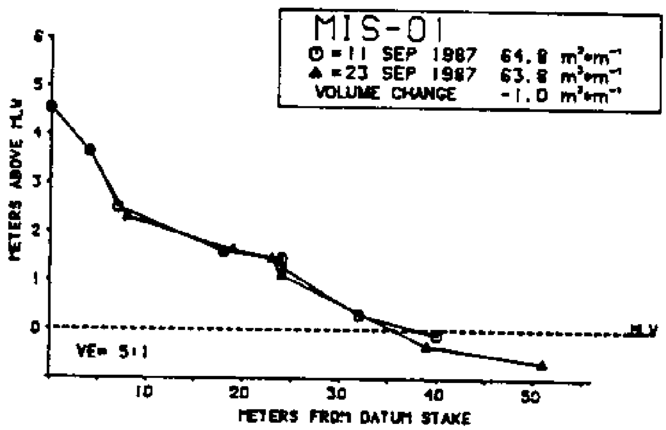

MIS-01
⊙ =16 MAY 1987 60.7 m³•m⁻¹
▲ =01 JUN 1987 64.2 m³•m⁻¹
VOLUME CHANGE 3.5 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

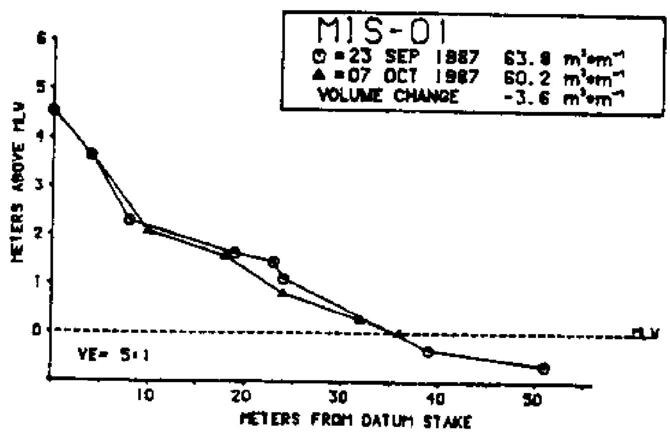

MIS-01
⊙ =01 JUN 1987 64.2 m³•m⁻¹
▲ =23 JUN 1987 58.6 m³•m⁻¹
VOLUME CHANGE -5.6 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

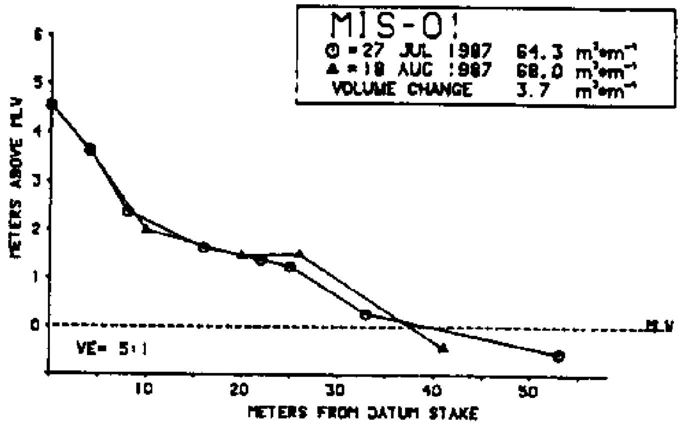

MIS-01
⊙ =23 JUN 1987 58.6 m³•m⁻¹
▲ =27 JUL 1987 64.3 m³•m⁻¹
VOLUME CHANGE 5.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

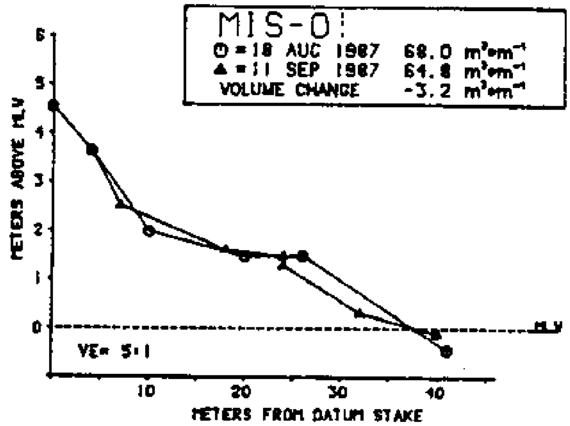

MIS-01
O = 27 JUL 1987 64.3 $m^3 \cdot m^{-1}$
▲ = 18 AUG 1987 68.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE 3.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

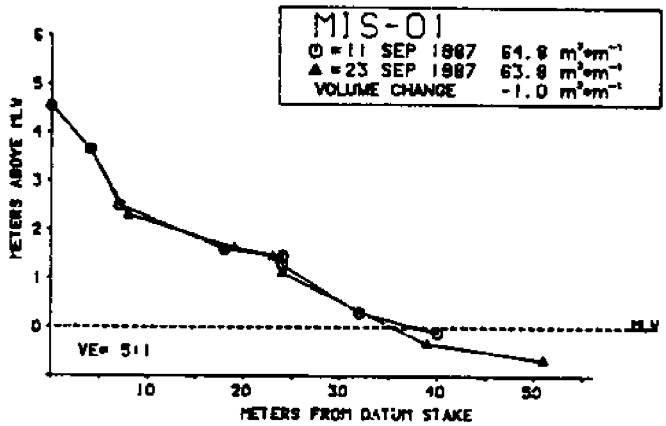

MIS-01
O = 18 AUG 1987 68.0 $m^3 \cdot m^{-1}$
▲ = 11 SEP 1987 64.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

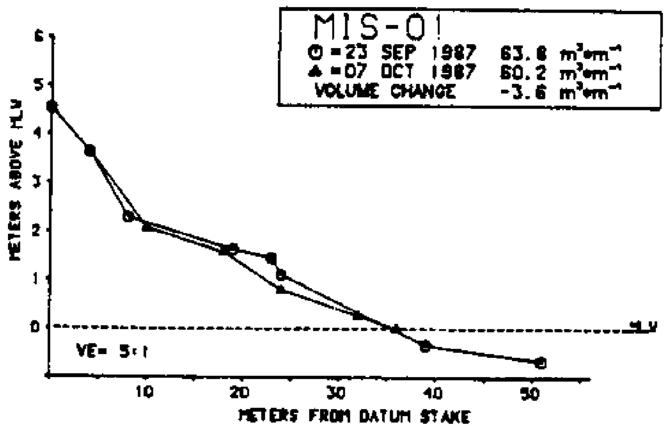

MIS-01
O = 11 SEP 1987 64.8 $m^3 \cdot m^{-1}$
▲ = 23 SEP 1987 63.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -1.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

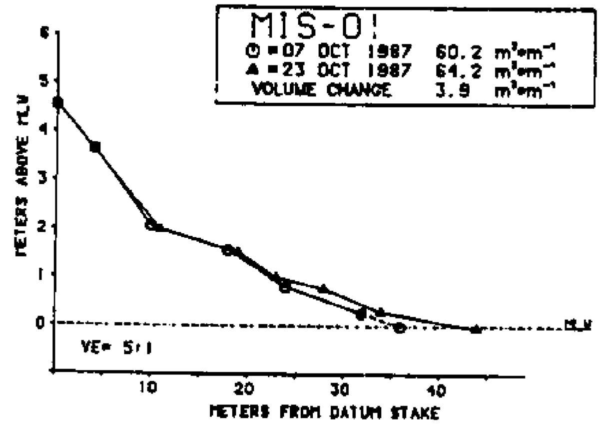

MIS-01
O = 23 SEP 1987 63.8 $m^3 \cdot m^{-1}$
▲ = 07 OCT 1987 60.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

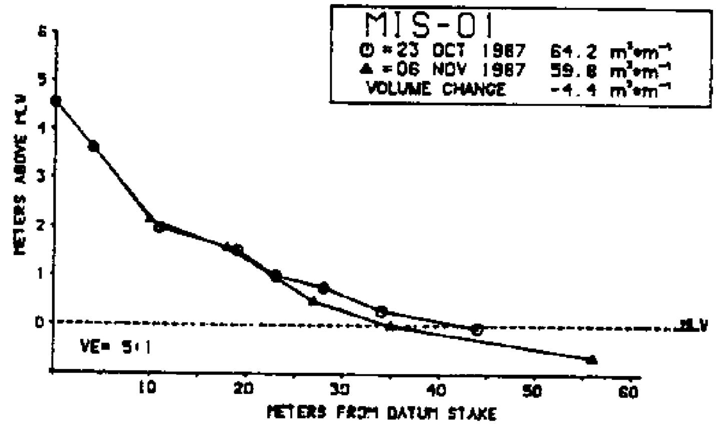

MIS-01
O = 27 JUL 1987 64.3 m³•m⁻¹
▲ = 18 AUG 1987 68.0 m³•m⁻¹
VOLUME CHANGE 3.7 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

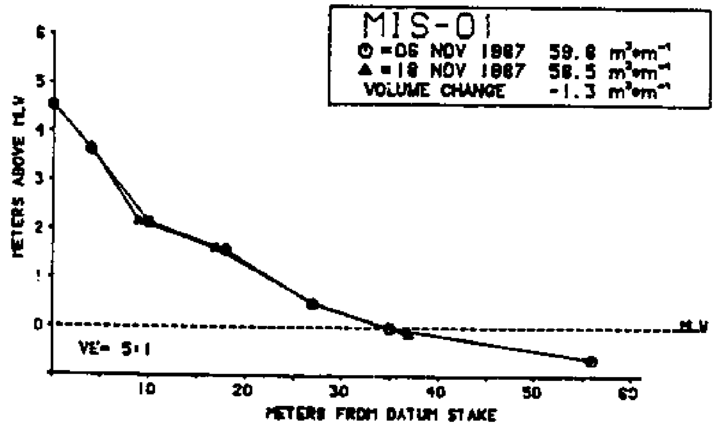

MIS-01
O = 18 AUG 1987 68.0 m³•m⁻¹
▲ = 11 SEP 1987 64.8 m³•m⁻¹
VOLUME CHANGE -3.2 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

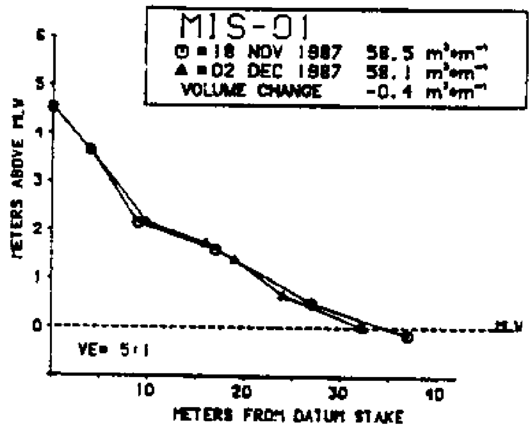

MIS-01
O = 11 SEP 1987 64.8 m³•m⁻¹
▲ = 23 SEP 1987 63.8 m³•m⁻¹
VOLUME CHANGE -1.0 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

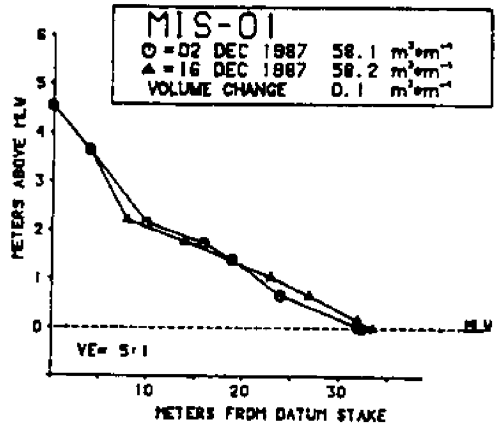

MIS-01
O = 23 SEP 1987 63.8 m³•m⁻¹
▲ = 07 OCT 1987 60.2 m³•m⁻¹
VOLUME CHANGE -3.6 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

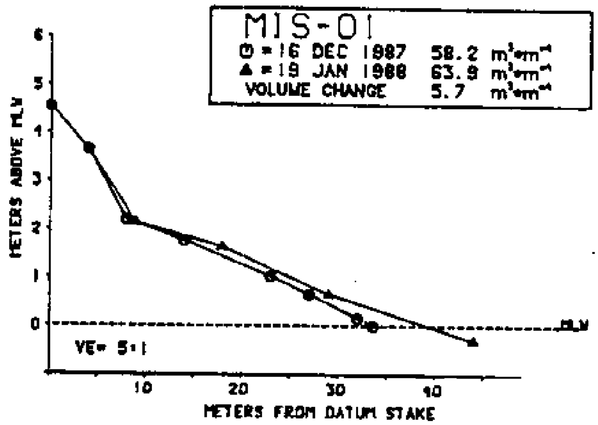

MIS-01
⊙ =07 OCT 1987 60.2 m³•m⁻¹
▲ =23 OCT 1987 64.2 m³•m⁻¹
VOLUME CHANGE 3.9 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

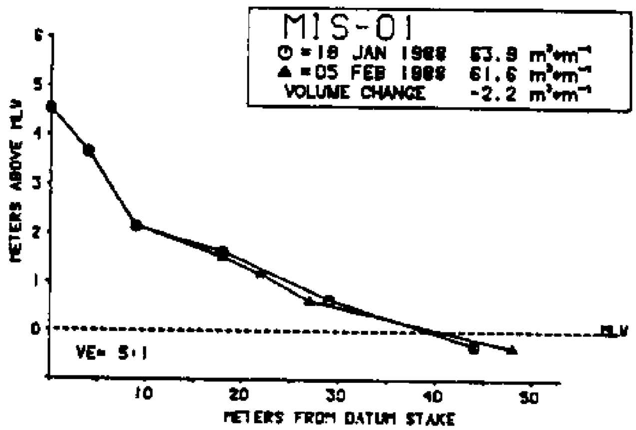

MIS-01
⊙ =23 OCT 1987 64.2 m³•m⁻¹
▲ =06 NOV 1987 59.8 m³•m⁻¹
VOLUME CHANGE -4.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

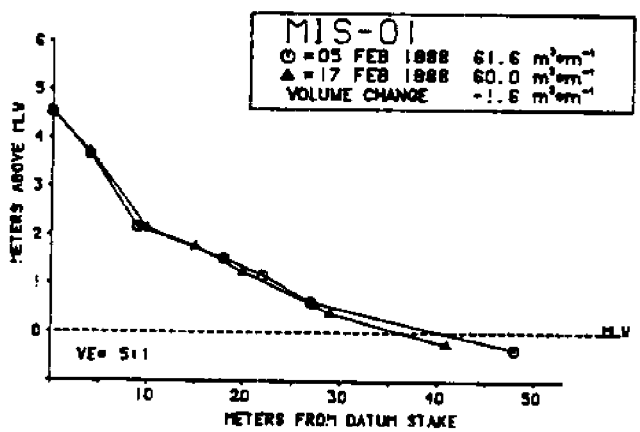

MIS-01
⊙ =06 NOV 1987 59.8 m³•m⁻¹
▲ =18 NOV 1987 58.5 m³•m⁻¹
VOLUME CHANGE -1.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

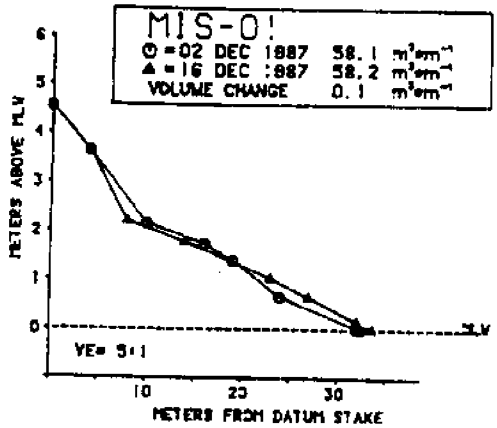

MIS-01
⊙ =18 NOV 1987 58.5 m³•m⁻¹
▲ =02 DEC 1987 58.1 m³•m⁻¹
VOLUME CHANGE -0.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

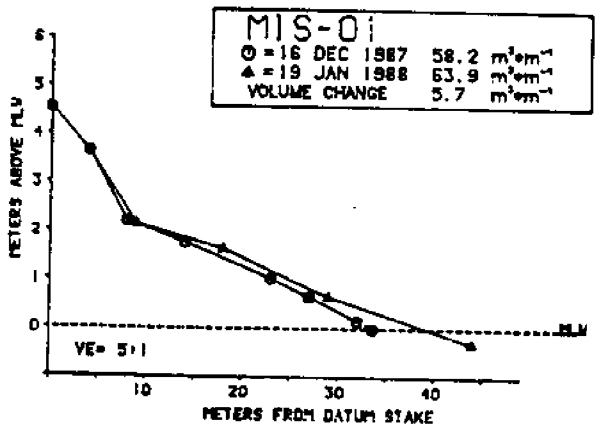

MIS-01
⊙ =02 DEC 1987 58.1 $m^3 \cdot m^{-1}$
▲ =16 DEC 1987 58.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE 0.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

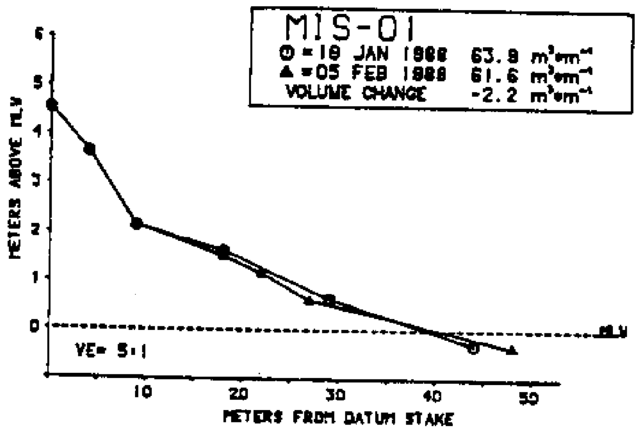

MIS-01
⊙ =16 DEC 1987 58.2 $m^3 \cdot m^{-1}$
▲ =19 JAN 1988 63.9 $m^3 \cdot m^{-1}$
VOLUME CHANGE 5.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

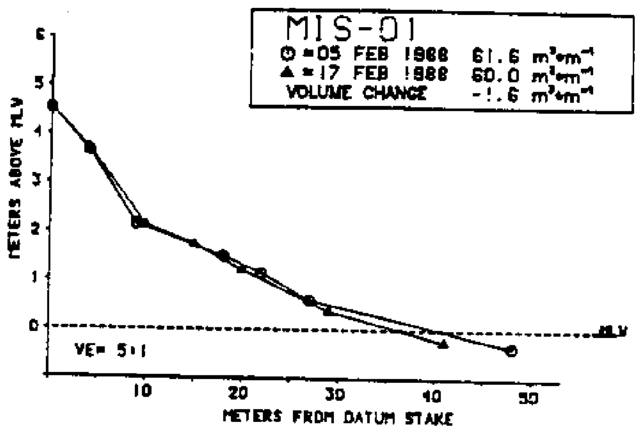

MIS-01
⊙ =19 JAN 1988 63.9 $m^3 \cdot m^{-1}$
▲ =05 FEB 1988 61.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE -2.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

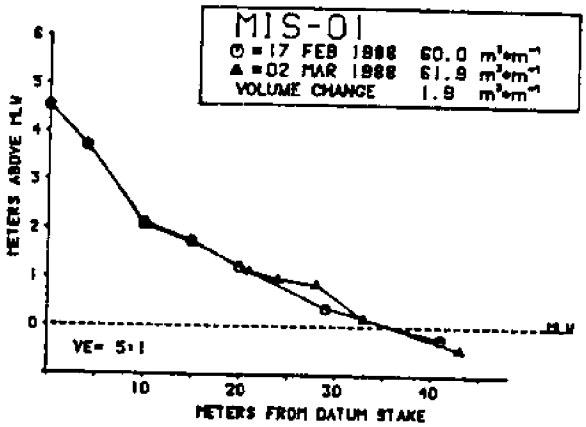

MIS-01
⊙ =05 FEB 1988 61.6 $m^3 \cdot m^{-1}$
▲ =17 FEB 1988 60.0 $m^3 \cdot m^{-1}$
VOLUME CHANGE -1.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE


MIS-01
⊙ =02 DEC 1987 58.1 m³•m⁻¹
▲ =16 DEC 1987 58.2 m³•m⁻¹
VOLUME CHANGE 0.1 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE


MIS-01
⊙ =16 DEC 1987 58.2 m³•m⁻¹
▲ =19 JAN 1988 63.9 m³•m⁻¹
VOLUME CHANGE 5.7 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

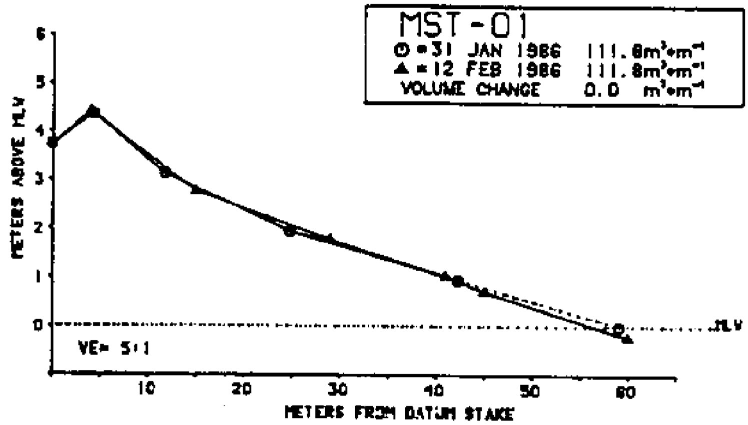

MIS-01
⊙ =19 JAN 1988 63.9 m³•m⁻¹
▲ =05 FEB 1988 61.6 m³•m⁻¹
VOLUME CHANGE -2.2 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

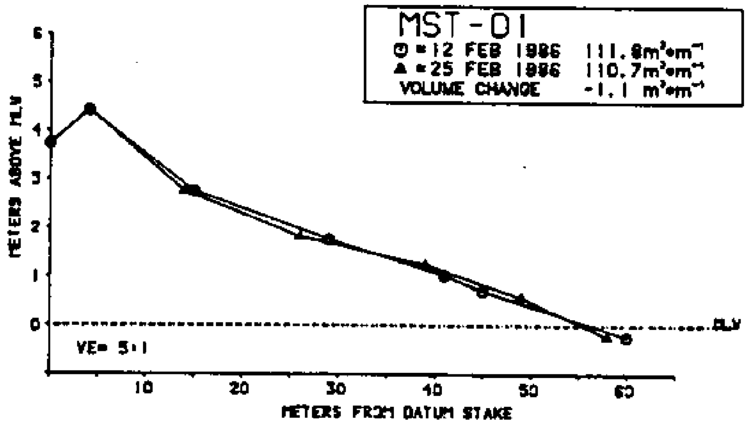

MIS-01
⊙ =05 FEB 1988 61.6 m³•m⁻¹
▲ =17 FEB 1988 60.0 m³•m⁻¹
VOLUME CHANGE -1.6 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

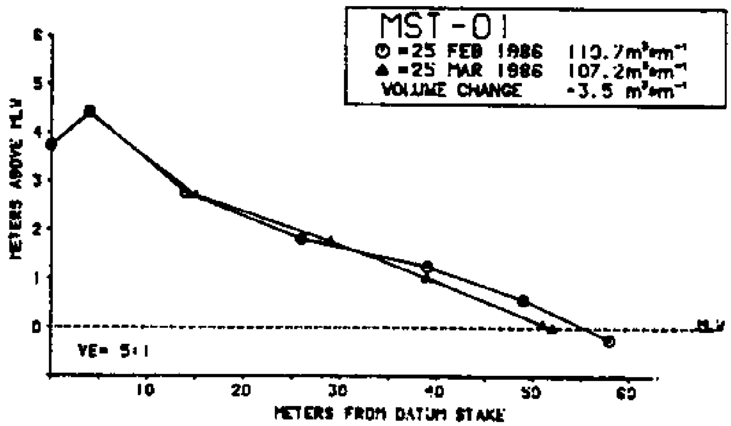

MIS-01
⊙ = 17 FEB 1988 60.0 m³•m⁻¹
▲ = 02 MAR 1988 61.9 m³•m⁻¹
VOLUME CHANGE 1.9 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

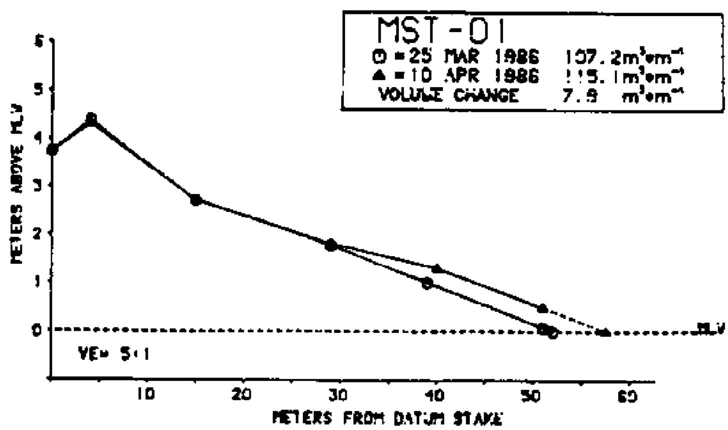
APPENDIX 1I

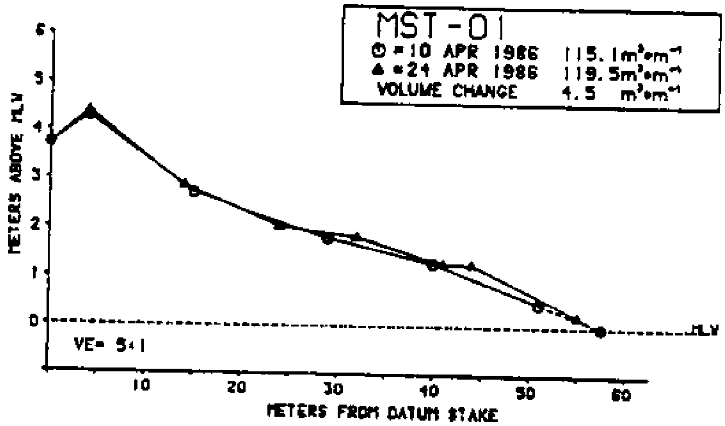
MST-01 Profile Plots

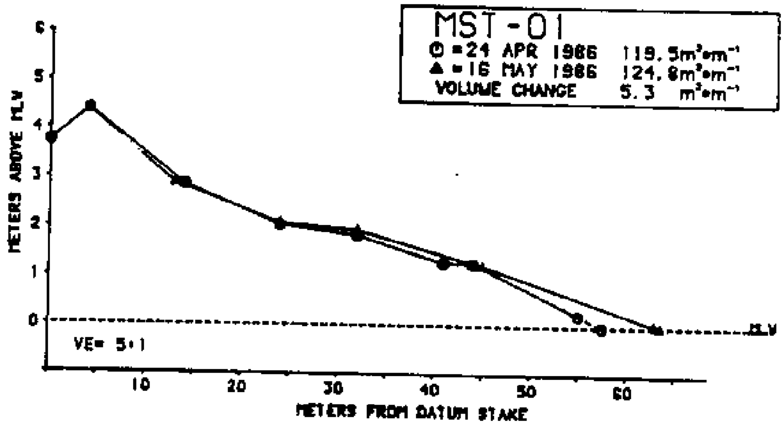

MST-01
⊙ = 31 JAN 1986 111.8 $m^3 \cdot m^{-1}$
▲ = 12 FEB 1986 111.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE 0.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

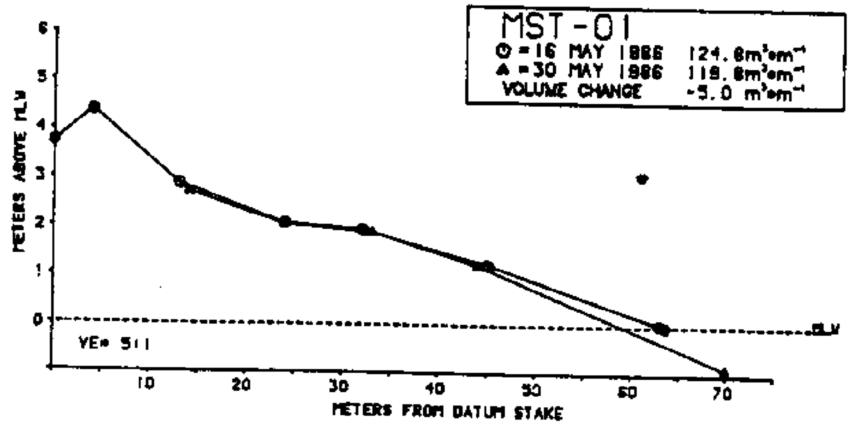

MST-01
⊙ = 12 FEB 1986 111.8 $m^3 \cdot m^{-1}$
▲ = 25 FEB 1986 110.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE -1.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

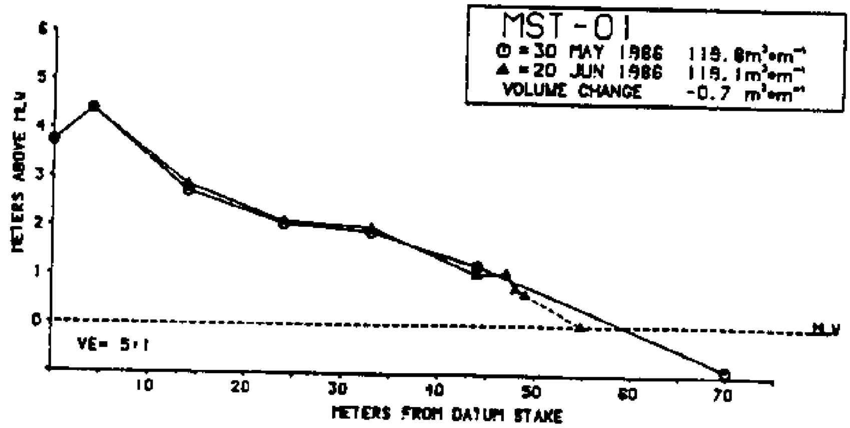

MST-01
⊙ = 25 FEB 1986 110.7 $m^3 \cdot m^{-1}$
▲ = 25 MAR 1986 107.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

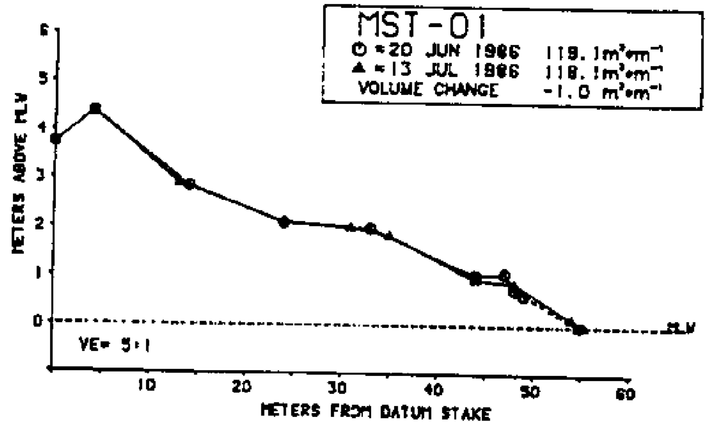

MST-01
⊙ = 25 MAR 1986 107.2 $m^3 \cdot m^{-1}$
▲ = 10 APR 1986 115.1 $m^3 \cdot m^{-1}$
VOLUME CHANGE 7.9 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

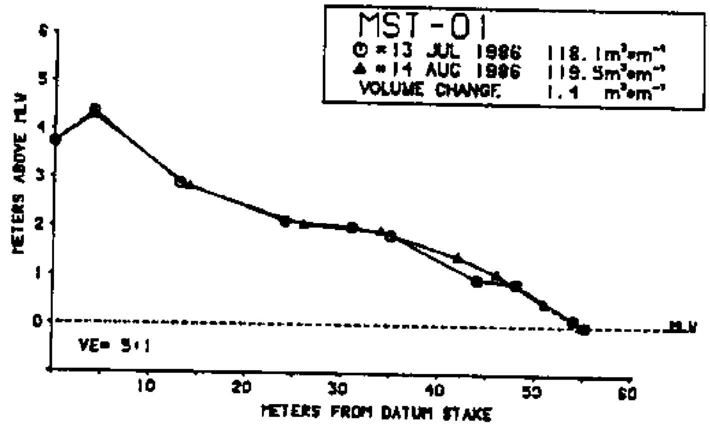

MST - 01
⊙ = 10 APR 1986 115.1m³·m⁻¹
▲ = 24 APR 1986 119.5m³·m⁻¹
VOLUME CHANGE 4.5 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

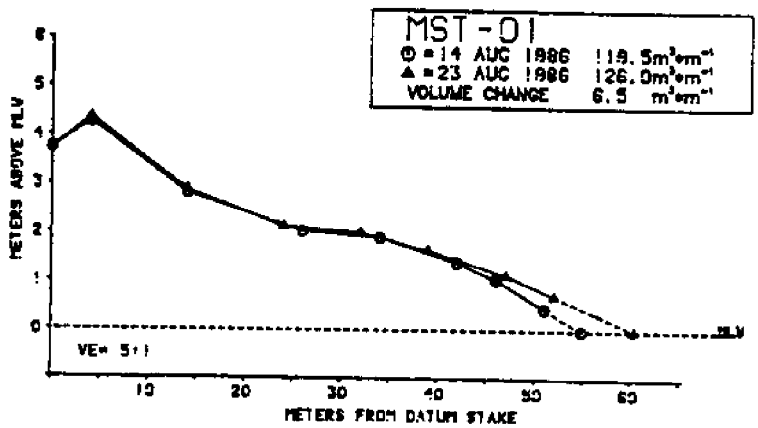

MST - 01
⊙ = 24 APR 1986 119.5m³·m⁻¹
▲ = 16 MAY 1986 124.8m³·m⁻¹
VOLUME CHANGE 5.3 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

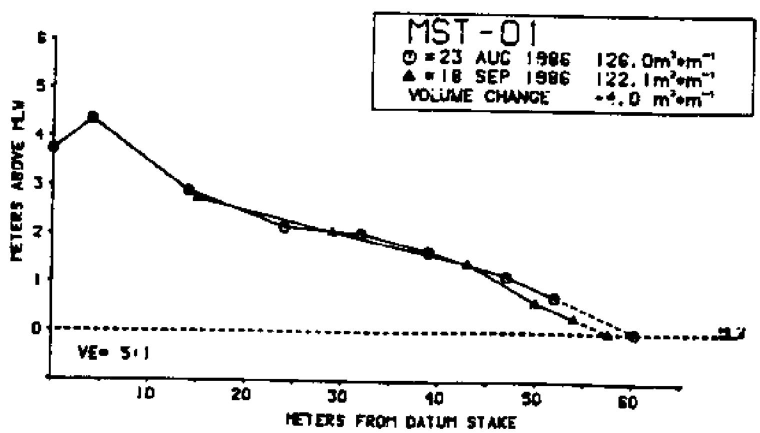

MST - 01
⊙ = 16 MAY 1986 124.8m³·m⁻¹
▲ = 30 MAY 1986 119.8m³·m⁻¹
VOLUME CHANGE -5.0 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

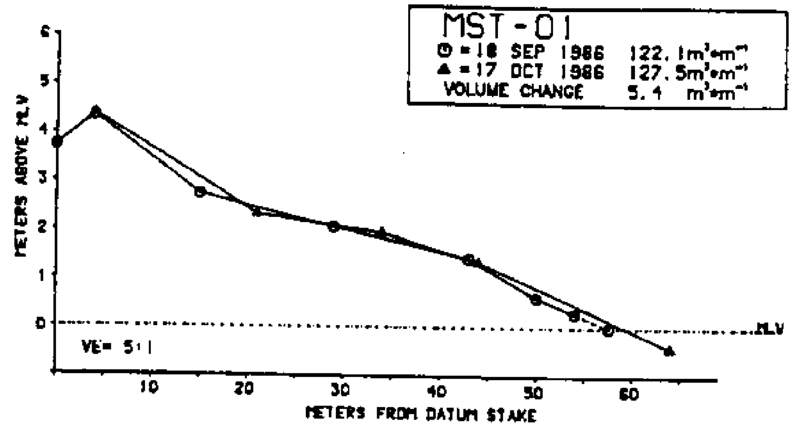

MST - 01
⊙ = 30 MAY 1986 119.8m³·m⁻¹
▲ = 20 JUN 1986 119.1m³·m⁻¹
VOLUME CHANGE -0.7 m³·m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

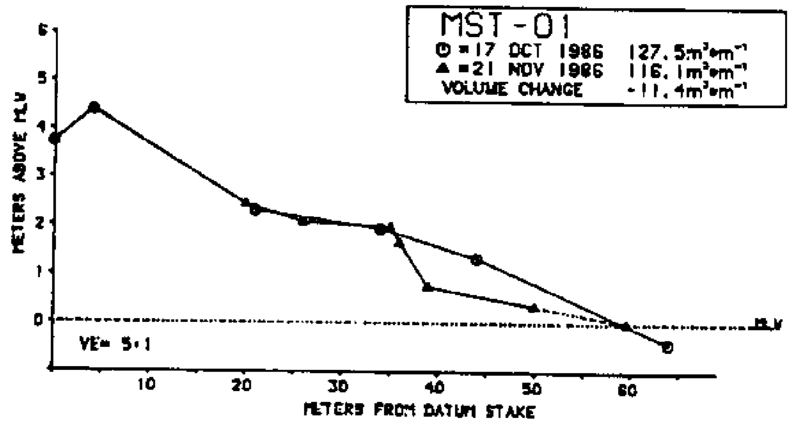

MST-01
⊙ =20 JUN 1986 119.1m³•m⁻¹
▲ =13 JUL 1986 118.1m³•m⁻¹
VOLUME CHANGE -1.0 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

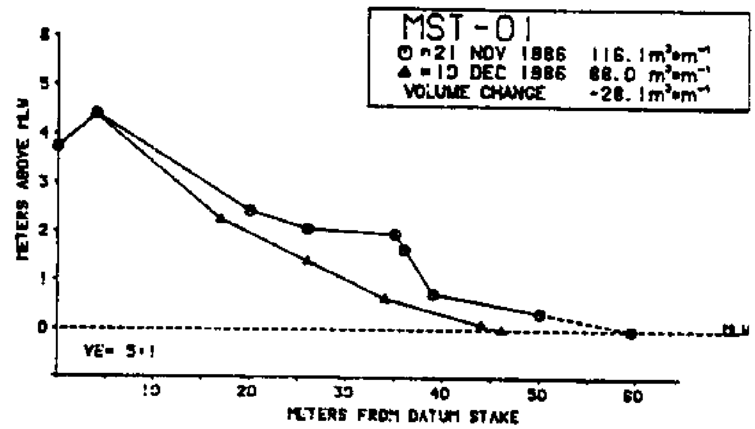

MST-01
⊙ =13 JUL 1986 118.1m³•m⁻¹
▲ =14 AUG 1986 119.5m³•m⁻¹
VOLUME CHANGE 1.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

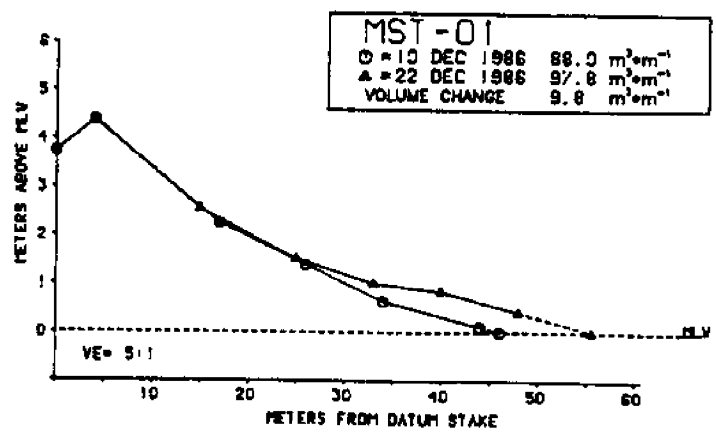

MST-01
⊙ =14 AUG 1986 119.5m³•m⁻¹
▲ =23 AUG 1986 126.0m³•m⁻¹
VOLUME CHANGE 6.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

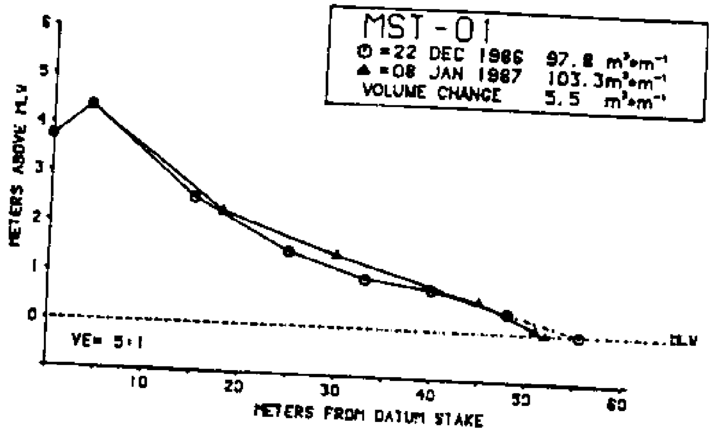

MST-01
⊙ =23 AUG 1986 126.0m³•m⁻¹
▲ =18 SEP 1986 122.1m³•m⁻¹
VOLUME CHANGE -4.0 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

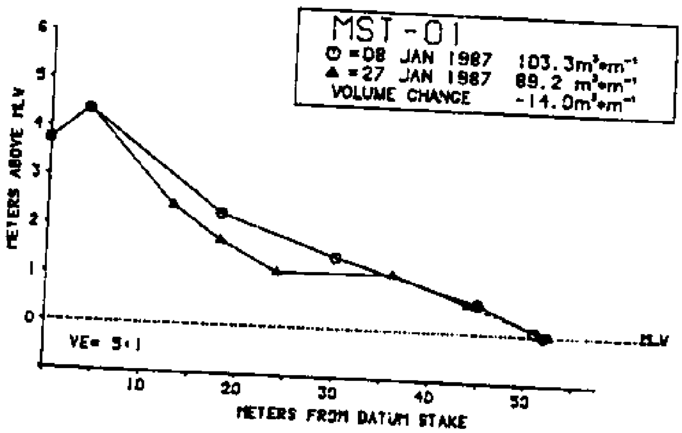

MST-01
⊙ = 18 SEP 1986 122.1m³•m⁻¹
▲ = 17 OCT 1986 127.5m³•m⁻¹
VOLUME CHANGE 5.4 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

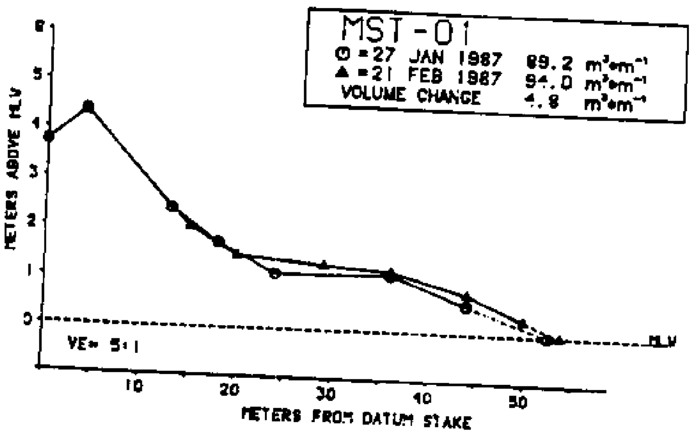

MST-01
⊙ = 17 OCT 1986 127.5m³•m⁻¹
▲ = 21 NOV 1986 116.1m³•m⁻¹
VOLUME CHANGE -11.4m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

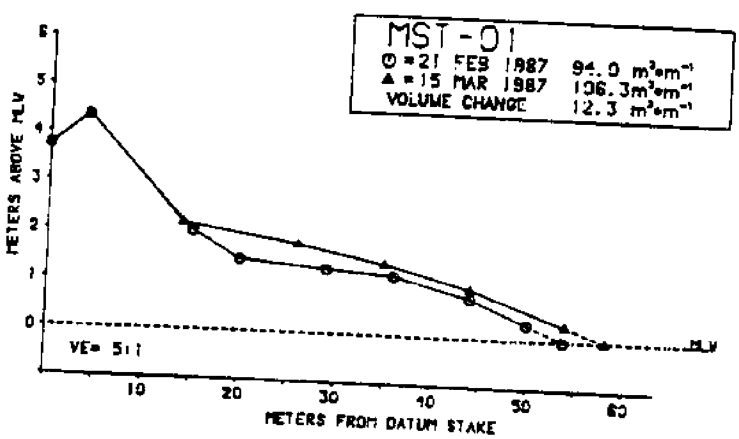

MST-01
⊙ = 21 NOV 1986 116.1m³•m⁻¹
▲ = 10 DEC 1986 88.0 m³•m⁻¹
VOLUME CHANGE -28.1m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

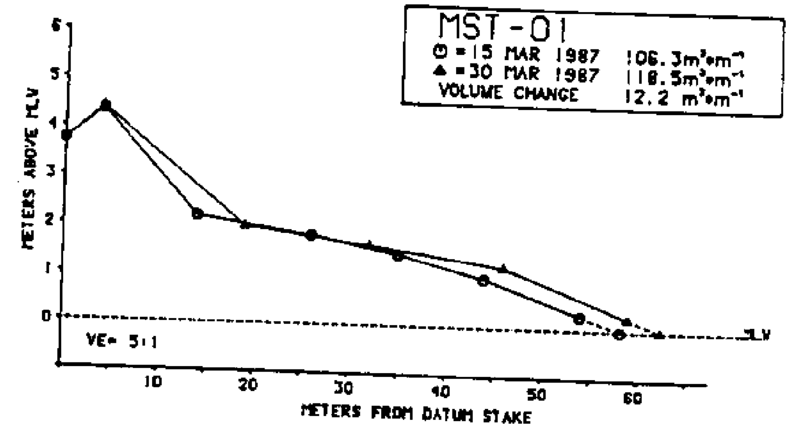

MST-01
⊙ = 10 DEC 1986 88.0 m³•m⁻¹
▲ = 22 DEC 1986 97.8 m³•m⁻¹
VOLUME CHANGE 9.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

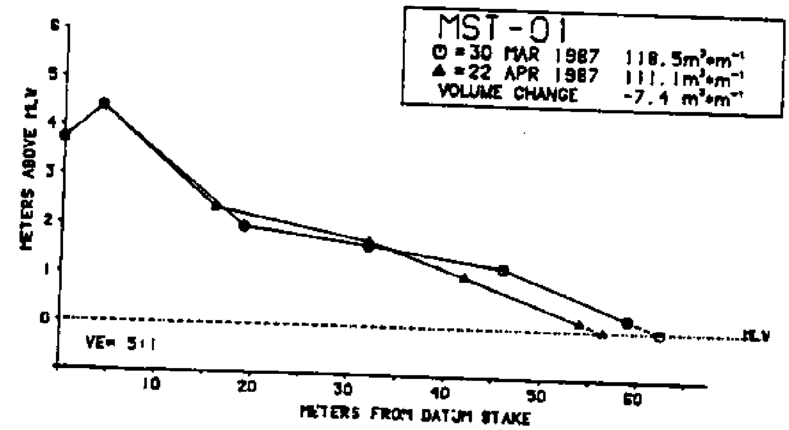

MST-01
⊙ =22 DEC 1986 97.8 m³•m⁻¹
▲ =08 JAN 1987 103.3m³•m⁻¹
VOLUME CHANGE 5.5 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

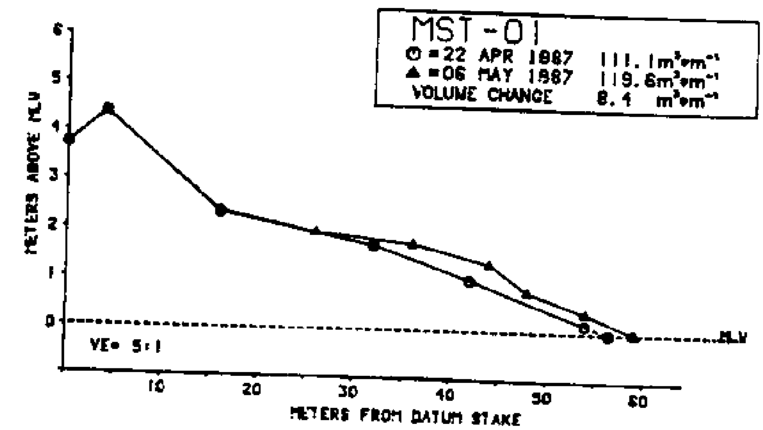

MST-01
⊙ =08 JAN 1987 103.3m³•m⁻¹
▲ =27 JAN 1987 89.2 m³•m⁻¹
VOLUME CHANGE -14.0m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

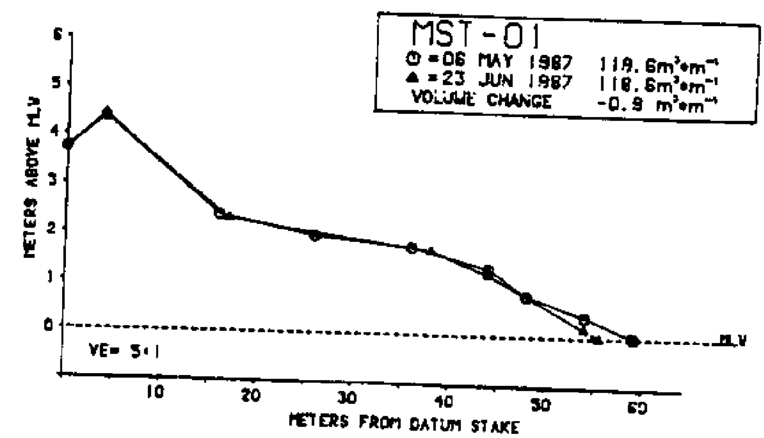

MST-01
⊙ =27 JAN 1987 89.2 m³•m⁻¹
▲ =21 FEB 1987 94.0 m³•m⁻¹
VOLUME CHANGE 4.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

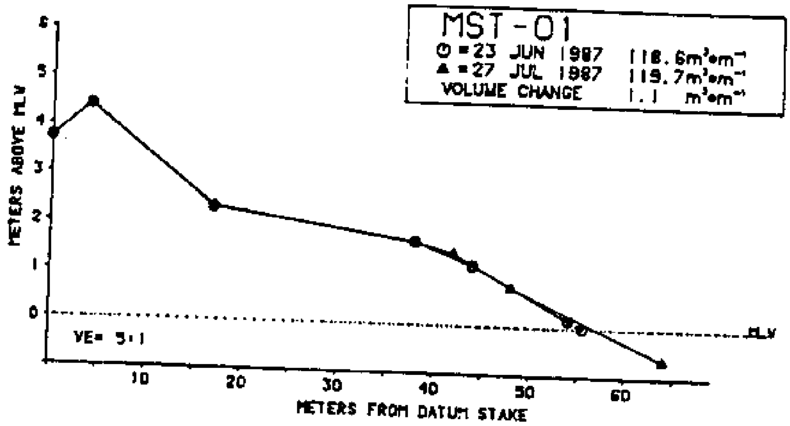

MST-01
⊙ =21 FEB 1987 94.0 m³•m⁻¹
▲ =15 MAR 1987 106.3m³•m⁻¹
VOLUME CHANGE 12.3 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

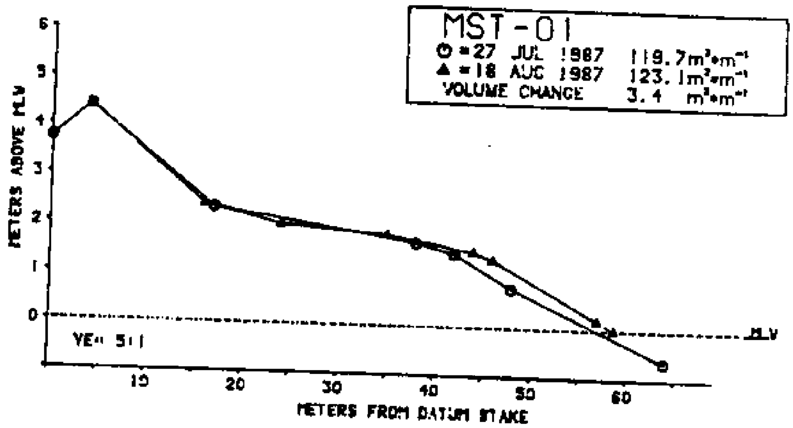

MST-01
O = 15 MAR 1987 106.3m³•m⁻¹
▲ = 30 MAR 1987 118.5m³•m⁻¹
VOLUME CHANGE 12.2 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

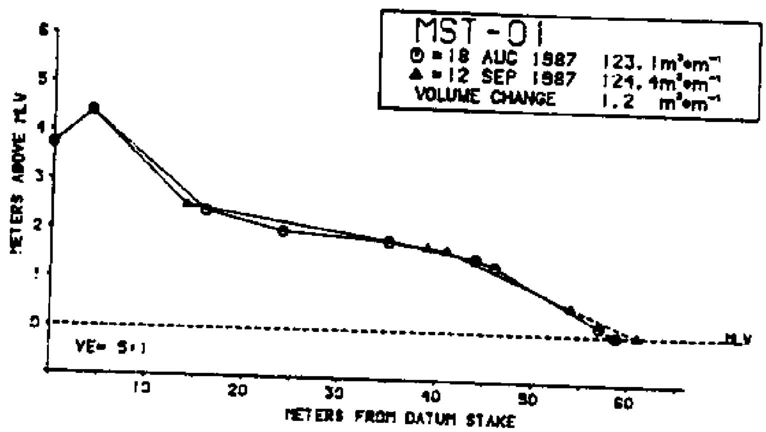

MST-01
O = 30 MAR 1987 118.5m³•m⁻¹
▲ = 22 APR 1987 111.1m³•m⁻¹
VOLUME CHANGE -7.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

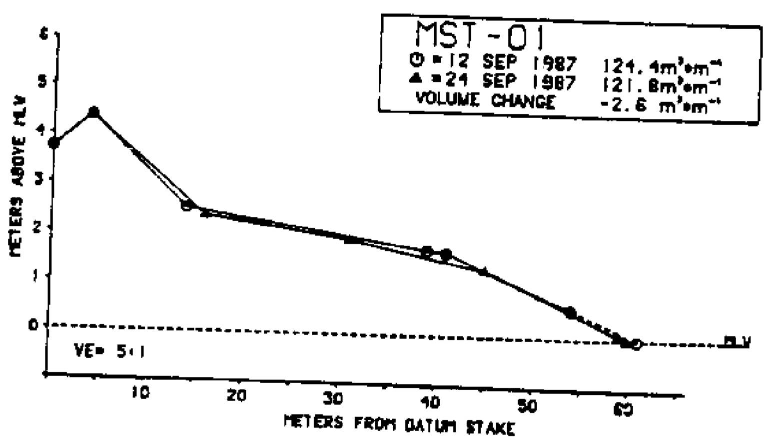

MST-01
O = 22 APR 1987 111.1m³•m⁻¹
▲ = 06 MAY 1987 119.6m³•m⁻¹
VOLUME CHANGE 8.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

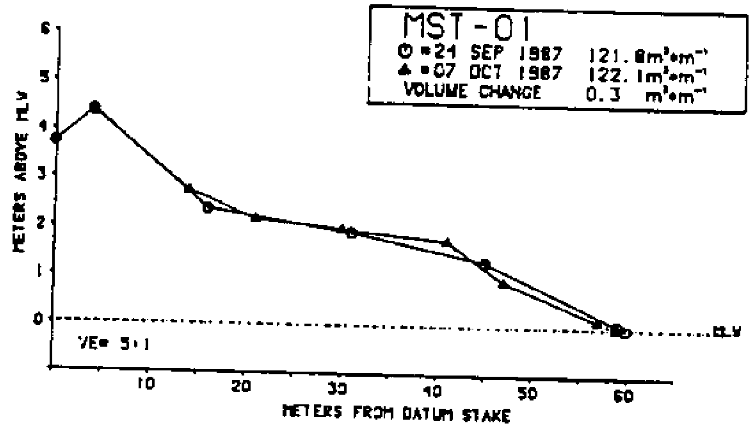

MST-01
O = 06 MAY 1987 119.6m³•m⁻¹
▲ = 23 JUN 1987 118.6m³•m⁻¹
VOLUME CHANGE -0.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

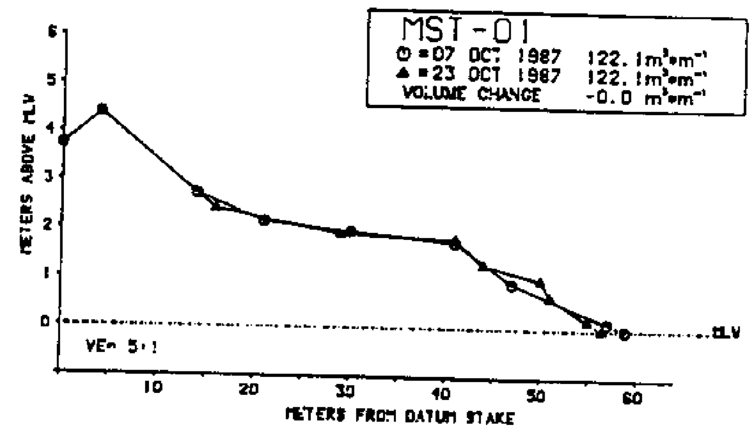

MST-01
○ = 23 JUN 1987 118.6$m^3 \cdot m^{-1}$
▲ = 27 JUL 1987 119.7$m^3 \cdot m^{-1}$
VOLUME CHANGE 1.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

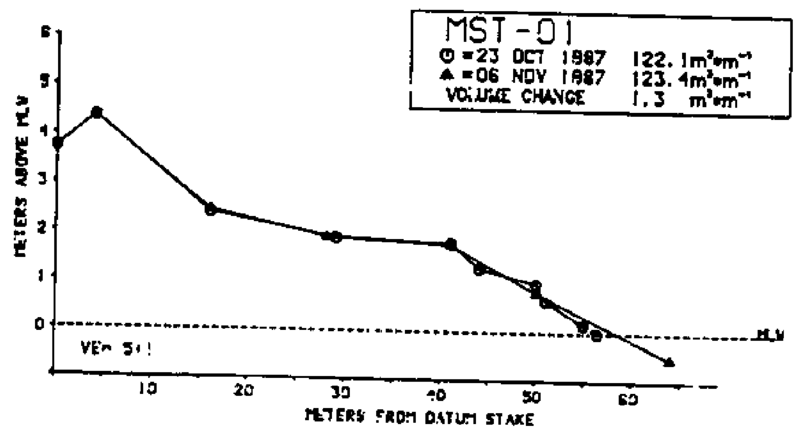

MST-01
○ = 27 JUL 1987 119.7$m^3 \cdot m^{-1}$
▲ = 18 AUG 1987 123.1$m^3 \cdot m^{-1}$
VOLUME CHANGE 3.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

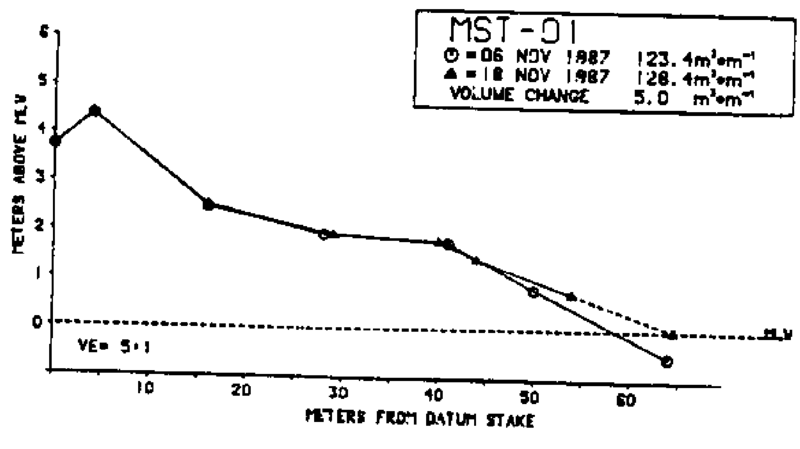

MST-01
○ = 18 AUG 1987 123.1$m^3 \cdot m^{-1}$
▲ = 12 SEP 1987 124.4$m^3 \cdot m^{-1}$
VOLUME CHANGE 1.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

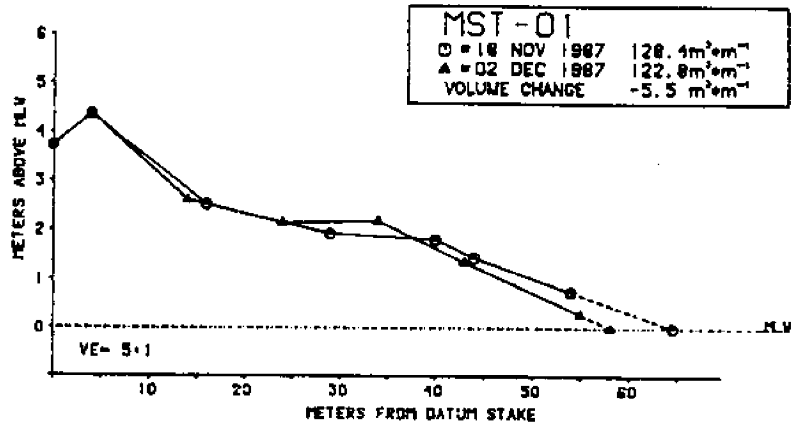

MST-01
○ = 12 SEP 1987 124.4$m^3 \cdot m^{-1}$
▲ = 24 SEP 1987 121.8$m^3 \cdot m^{-1}$
VOLUME CHANGE -2.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

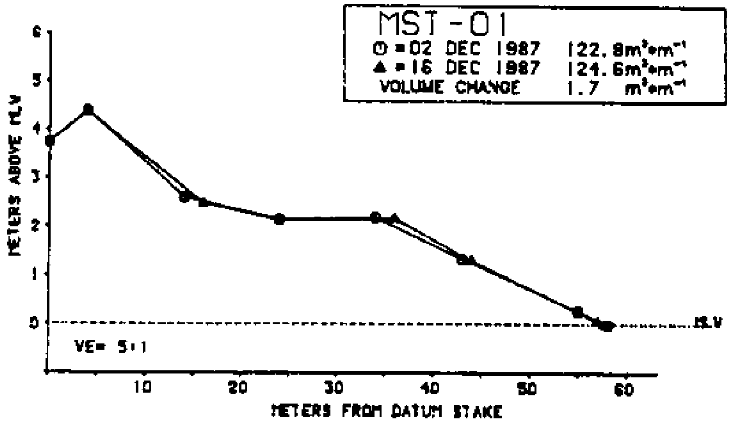

MST-01
O =21 SEP 1987 121.8m^3•m^{-1}
▲ =07 OCT 1987 122.1m^3•m^{-1}
VOLUME CHANGE 0.3 m^3•m^{-1}
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

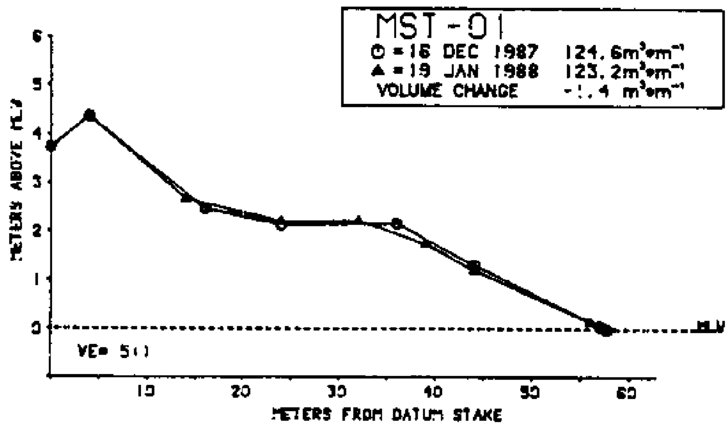

MST-01
O =07 OCT 1987 122.1m^3•m^{-1}
▲ =23 OCT 1987 122.1m^3•m^{-1}
VOLUME CHANGE -0.0 m^3•m^{-1}
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

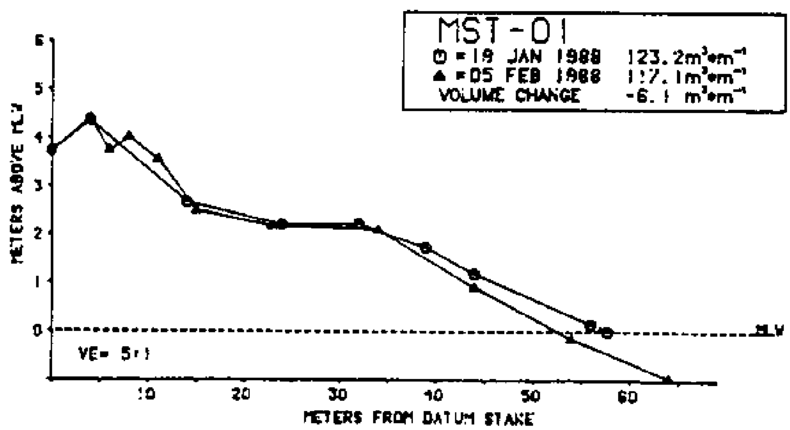

MST-01
O =23 OCT 1987 122.1m^3•m^{-1}
▲ =06 NOV 1987 123.4m^3•m^{-1}
VOLUME CHANGE 1.3 m^3•m^{-1}
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

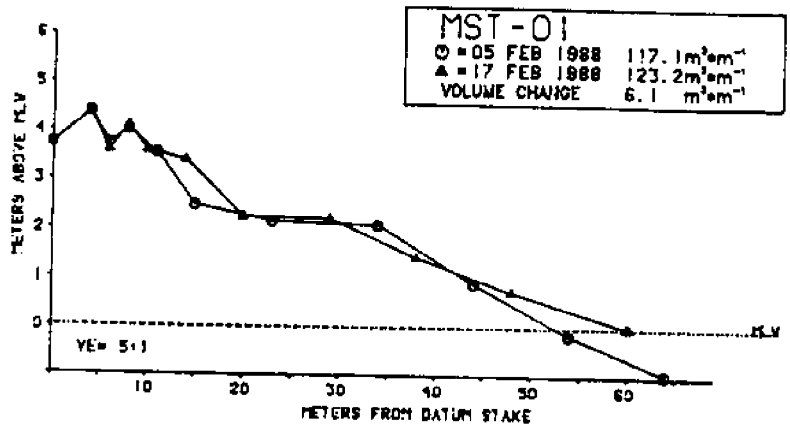

MST-01
O =06 NOV 1987 123.4m^3•m^{-1}
▲ =18 NOV 1987 128.4m^3•m^{-1}
VOLUME CHANGE 5.0 m^3•m^{-1}
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

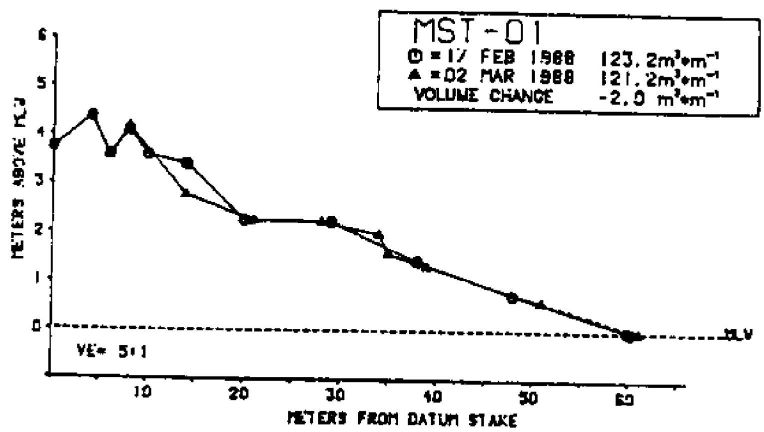

MST-01
○ = 18 NOV 1987 128.4 $m^3 \cdot m^{-1}$
▲ = 02 DEC 1987 122.8 $m^3 \cdot m^{-1}$
VOLUME CHANGE -5.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


MST-01
○ = 02 DEC 1987 122.8 $m^3 \cdot m^{-1}$
▲ = 16 DEC 1987 124.6 $m^3 \cdot m^{-1}$
VOLUME CHANGE 1.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


MST-01
○ = 16 DEC 1987 124.6 $m^3 \cdot m^{-1}$
▲ = 19 JAN 1988 123.2 $m^3 \cdot m^{-1}$
VOLUME CHANGE -1.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

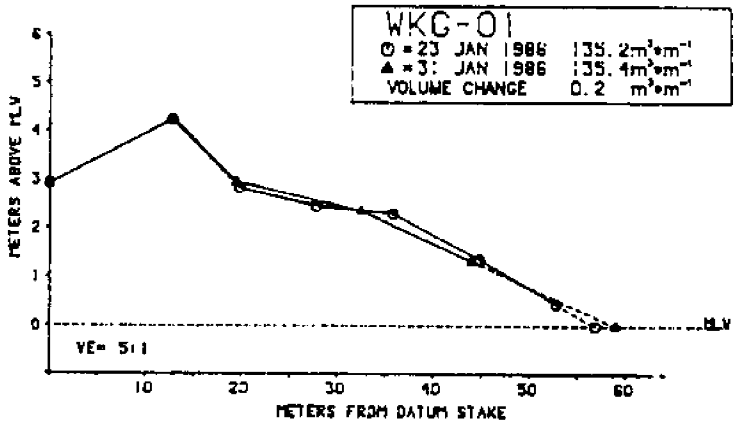

MST-01
○ = 19 JAN 1988 123.2 $m^3 \cdot m^{-1}$
▲ = 05 FEB 1988 117.1 $m^3 \cdot m^{-1}$
VOLUME CHANGE -6.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE

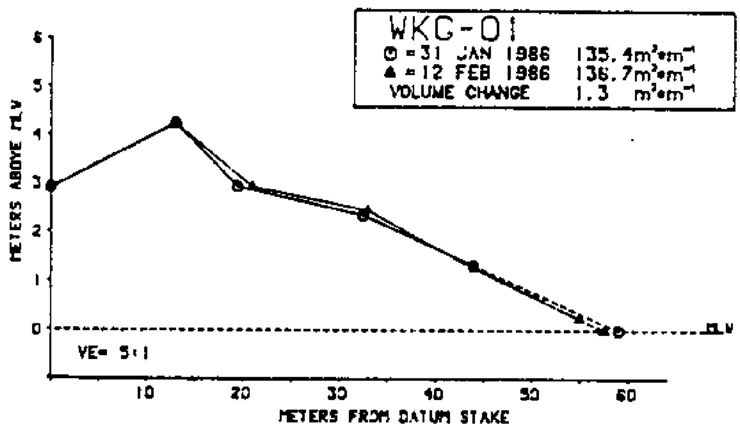

MST-01
⊙ = 05 FEB 1988 117.1 m³•m⁻¹
▲ = 17 FEB 1988 123.2 m³•m⁻¹
VOLUME CHANGE 6.1 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

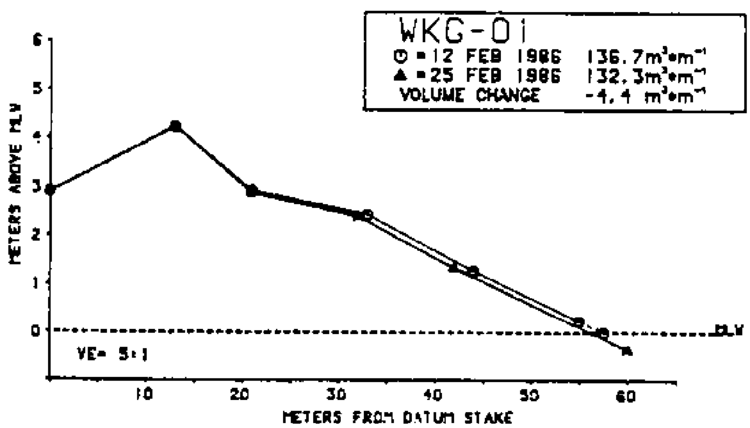

MST-01
⊙ = 17 FEB 1988 123.2 m³•m⁻¹
▲ = 02 MAR 1988 121.2 m³•m⁻¹
VOLUME CHANGE -2.0 m³•m⁻¹
METERS ABOVE MLW
MLW
VE= 5:1
METERS FROM DATUM STAKE

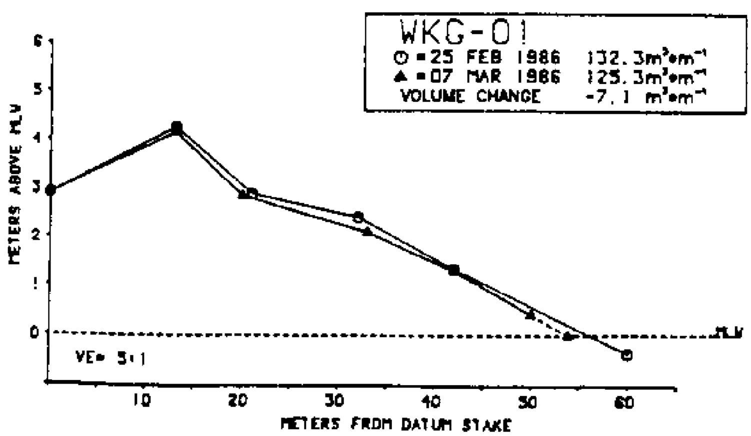
APPENDIX 1J

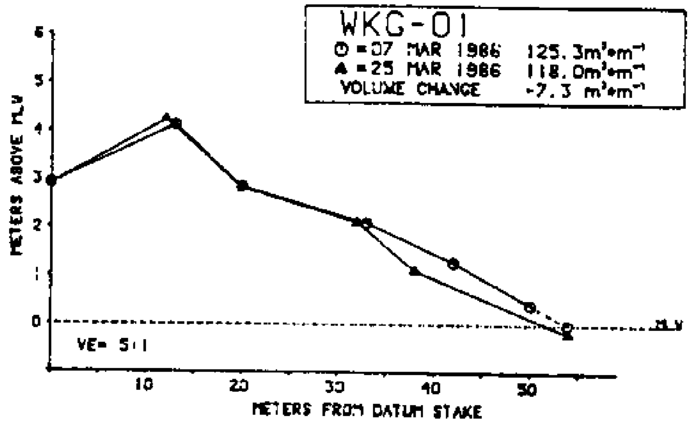
WKG-01 Profile Plots

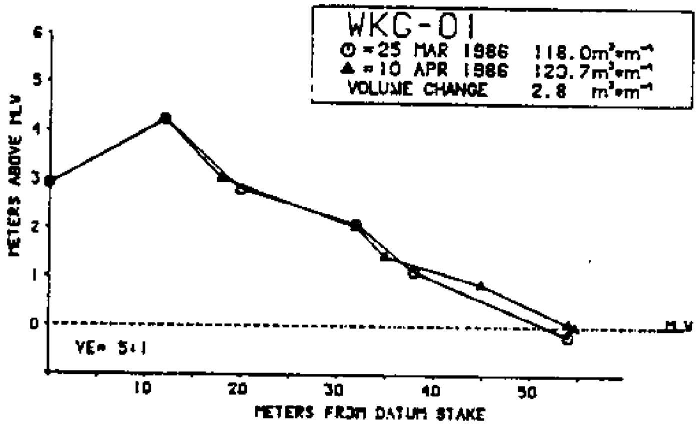

WKG-01
⊙ =23 JAN 1986 135.2$m^3 \cdot m^{-1}$
▲ =31 JAN 1986 135.4$m^3 \cdot m^{-1}$
VOLUME CHANGE 0.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

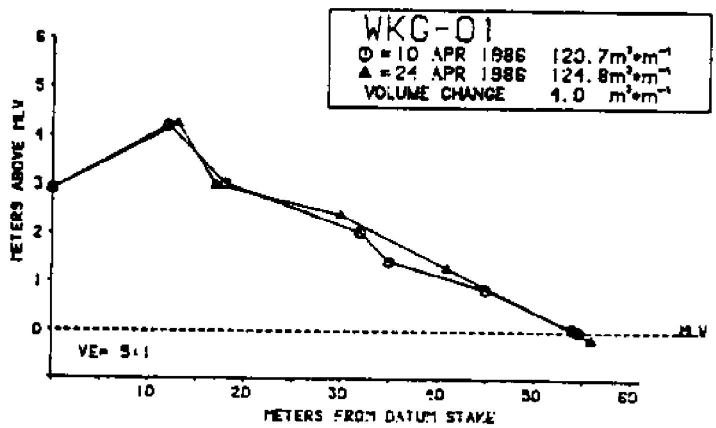

WKG-01
⊙ =31 JAN 1986 135.4$m^3 \cdot m^{-1}$
▲ =12 FEB 1986 136.7$m^3 \cdot m^{-1}$
VOLUME CHANGE 1.3 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

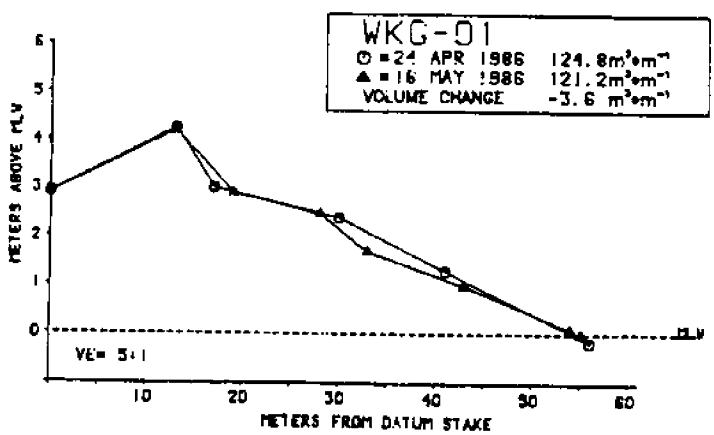

WKG-01
⊙ =12 FEB 1986 136.7$m^3 \cdot m^{-1}$
▲ =25 FEB 1986 132.3$m^3 \cdot m^{-1}$
VOLUME CHANGE -4.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

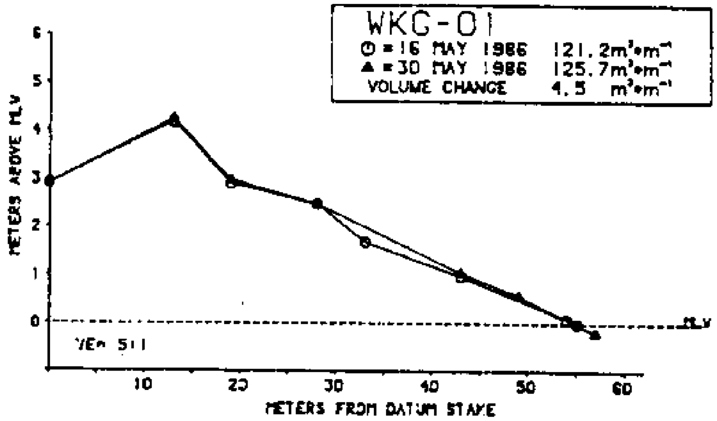

WKG-01
⊙ =25 FEB 1986 132.3$m^3 \cdot m^{-1}$
▲ =07 MAR 1986 125.3$m^3 \cdot m^{-1}$
VOLUME CHANGE -7.1 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

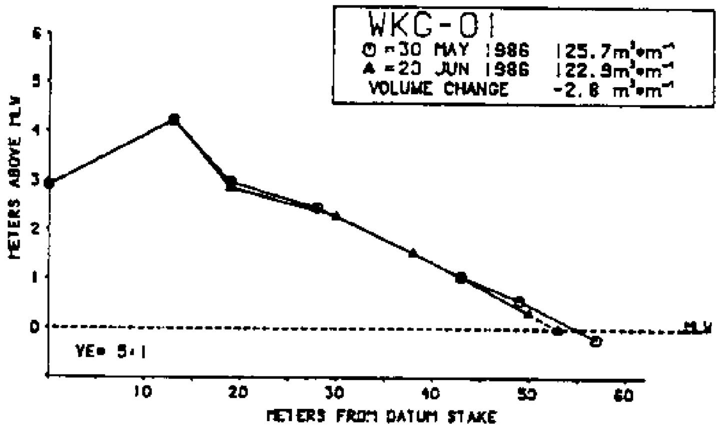

WKG-01
○ =07 MAR 1986 125.3m³•m⁻¹
▲ =25 MAR 1986 118.0m³•m⁻¹
VOLUME CHANGE -7.3 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

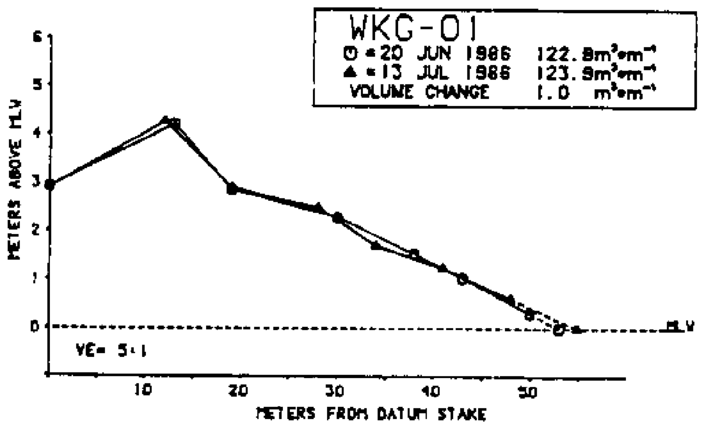

WKG-01
○ =25 MAR 1986 118.0m³•m⁻¹
▲ =10 APR 1986 120.7m³•m⁻¹
VOLUME CHANGE 2.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

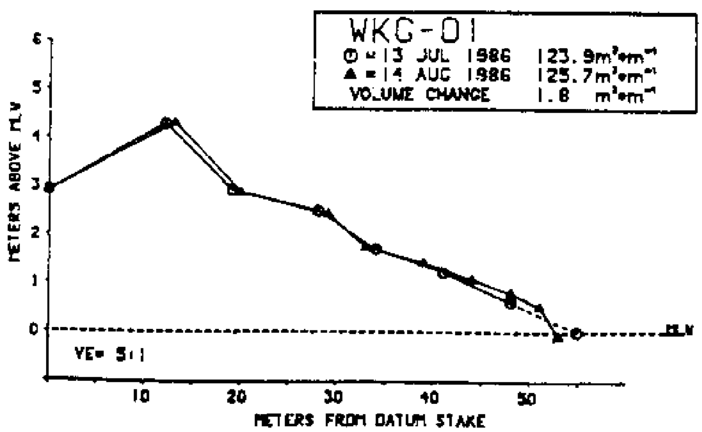

WKG-01
○ =10 APR 1986 120.7m³•m⁻¹
▲ =24 APR 1986 124.8m³•m⁻¹
VOLUME CHANGE 4.0 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

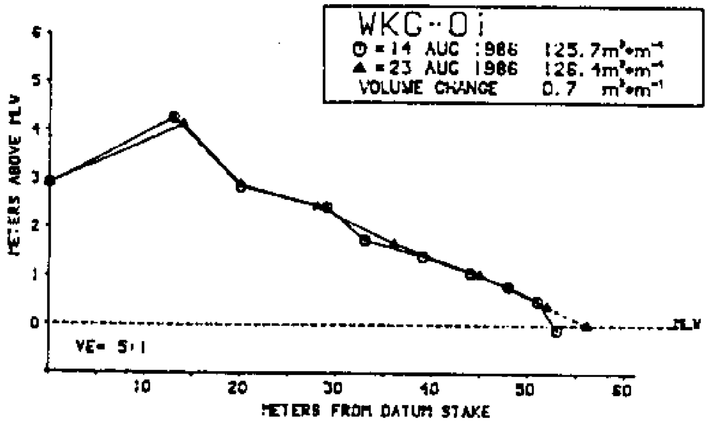

WKG-01
○ =24 APR 1986 124.8m³•m⁻¹
▲ =16 MAY 1986 121.2m³•m⁻¹
VOLUME CHANGE -3.6 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

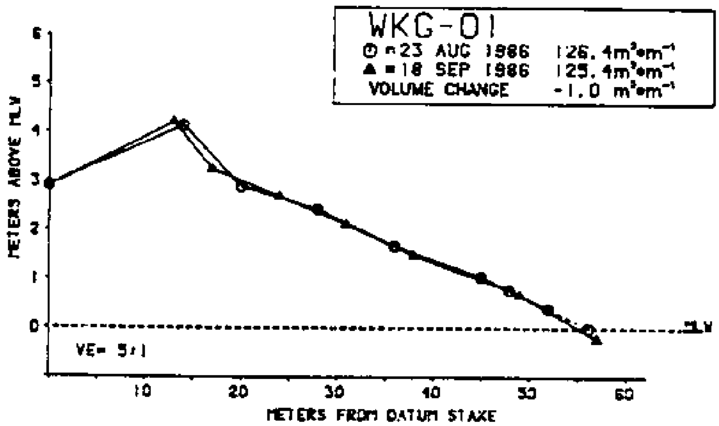

WKG-01
⊙ = 16 MAY 1986 121.2m³•m⁻¹
▲ = 30 MAY 1986 125.7m³•m⁻¹
VOLUME CHANGE 4.5 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

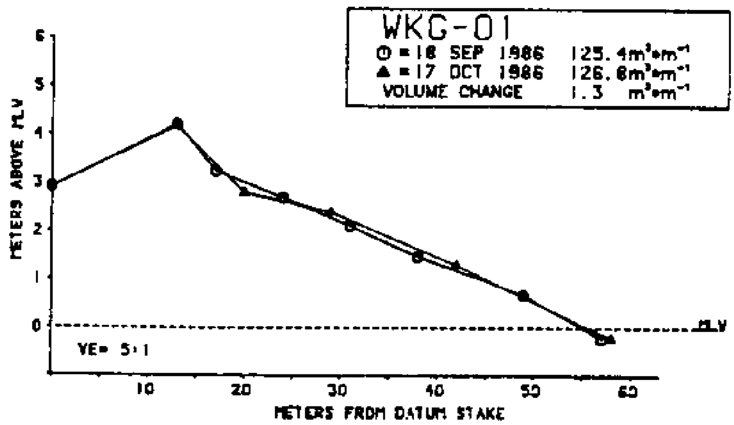

WKG-01
⊙ = 30 MAY 1986 125.7m³•m⁻¹
▲ = 20 JUN 1986 122.9m³•m⁻¹
VOLUME CHANGE -2.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

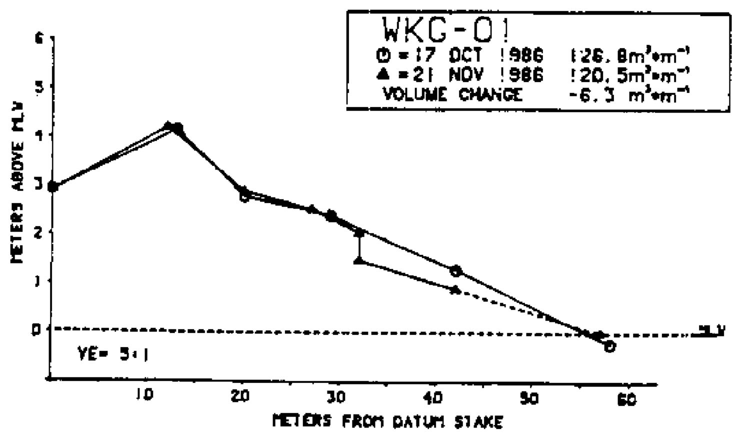

WKG-01
⊙ = 20 JUN 1986 122.8m³•m⁻¹
▲ = 13 JUL 1986 123.9m³•m⁻¹
VOLUME CHANGE 1.0 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

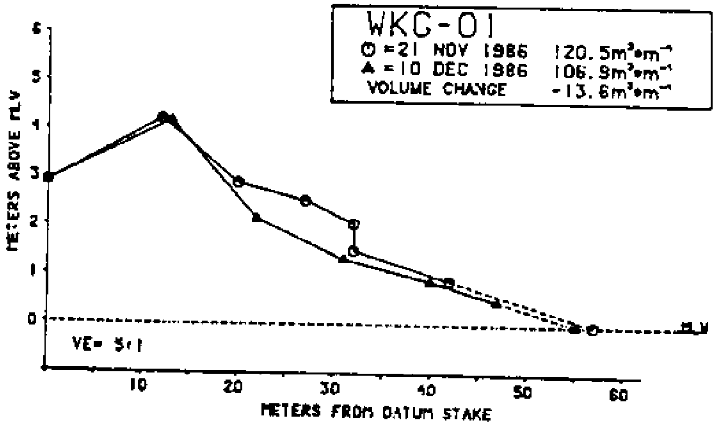

WKG-01
⊙ = 13 JUL 1986 123.9m³•m⁻¹
▲ = 14 AUG 1986 125.7m³•m⁻¹
VOLUME CHANGE 1.8 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
VE= 5:1
MLV

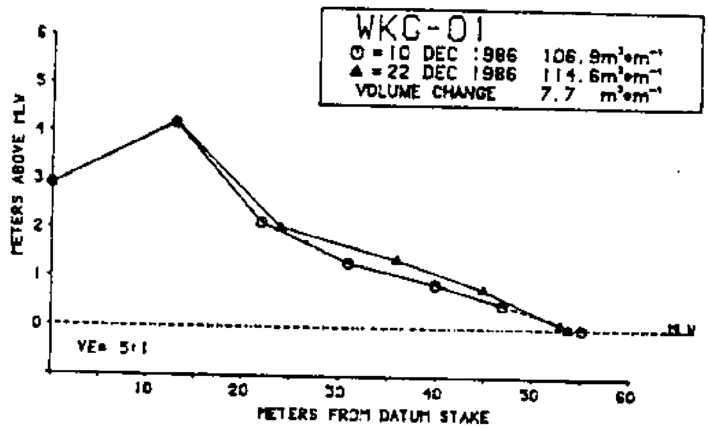

WKG-01
O = 14 AUG 1986 125.7m³•m⁻¹
▲ = 23 AUG 1986 126.4m³•m⁻¹
VOLUME CHANGE 0.7 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
MLV
VE= 5:1

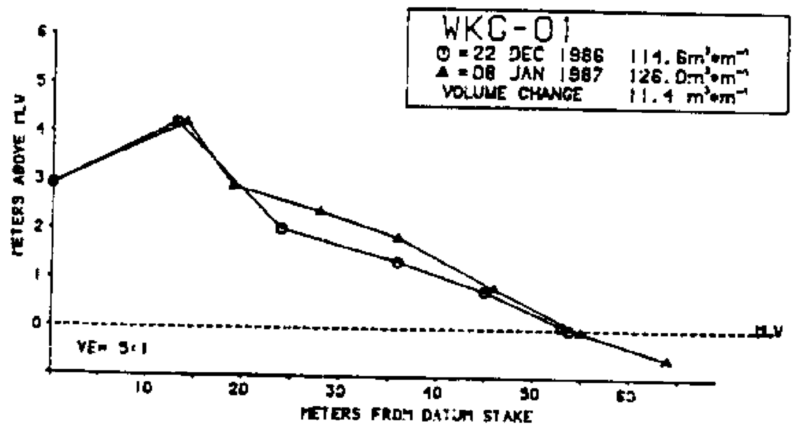

WKG-01
O = 23 AUG 1986 126.4m³•m⁻¹
▲ = 18 SEP 1986 125.4m³•m⁻¹
VOLUME CHANGE -1.0 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
MLV
VE= 5:1

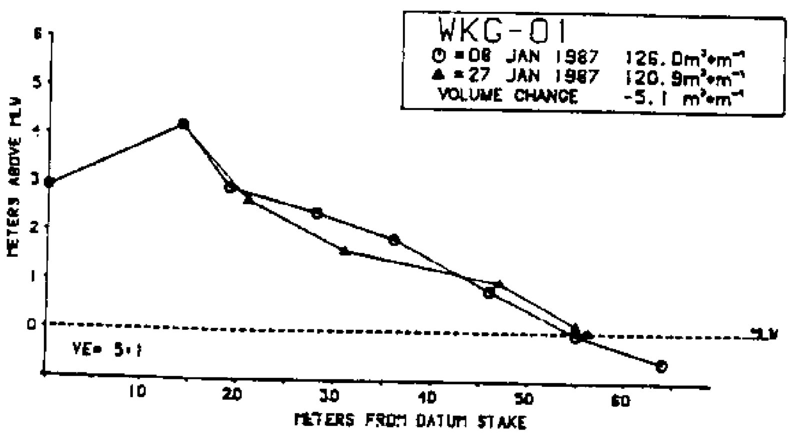

WKG-01
O = 18 SEP 1986 125.4m³•m⁻¹
▲ = 17 OCT 1986 126.8m³•m⁻¹
VOLUME CHANGE 1.3 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
MLV
VE= 5:1

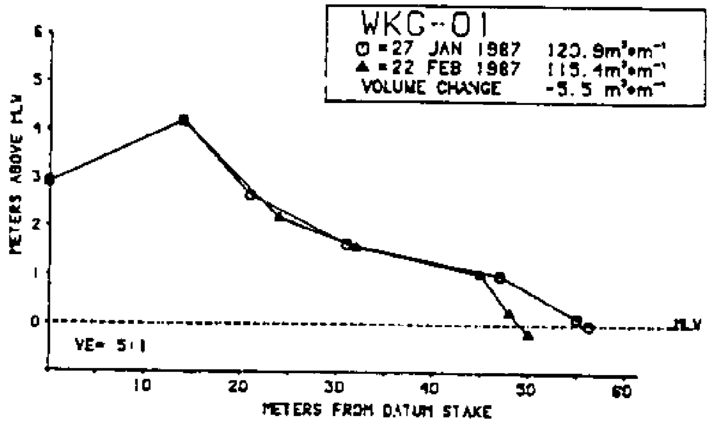

WKG-01
O = 17 OCT 1986 126.8m³•m⁻¹
▲ = 21 NOV 1986 120.5m³•m⁻¹
VOLUME CHANGE -6.3 m³•m⁻¹
METERS ABOVE MLV
METERS FROM DATUM STAKE
MLV
VE= 5:1

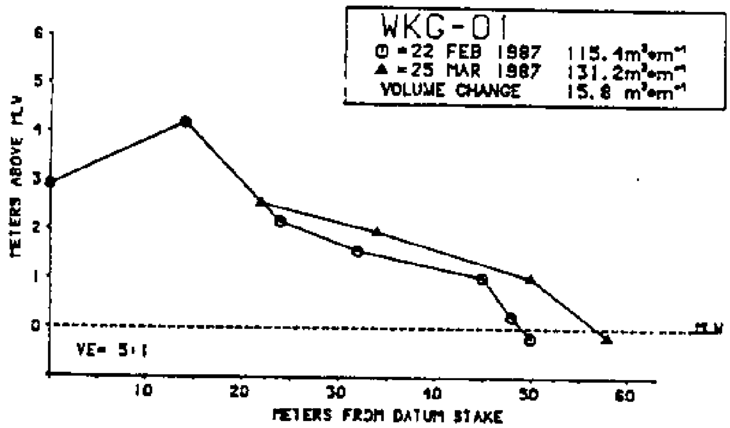

WKG-01
○ =21 NOV 1986 120.5m³•m⁻¹
▲ =10 DEC 1986 106.9m³•m⁻¹
VOLUME CHANGE -13.6m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

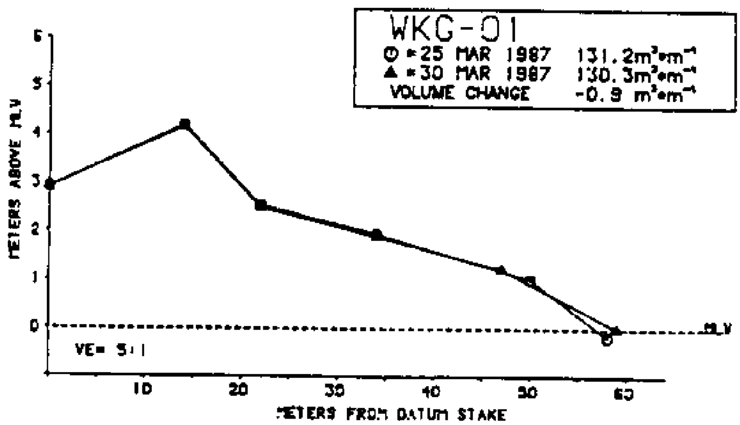

WKG-01
○ =10 DEC 1986 106.9m³•m⁻¹
▲ =22 DEC 1986 114.6m³•m⁻¹
VOLUME CHANGE 7.7 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

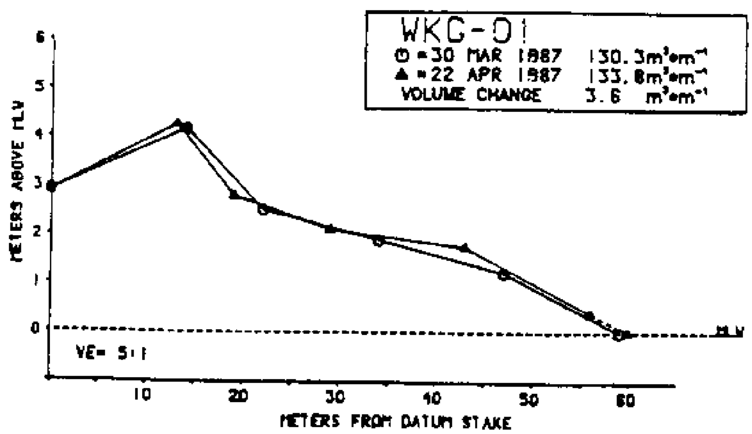

WKG-01
○ =22 DEC 1986 114.6m³•m⁻¹
▲ =08 JAN 1987 126.0m³•m⁻¹
VOLUME CHANGE 11.4 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

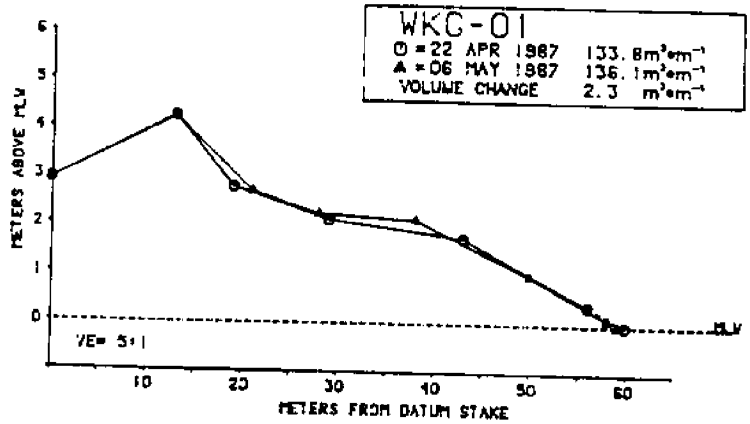

WKG-01
○ =08 JAN 1987 126.0m³•m⁻¹
▲ =27 JAN 1987 120.9m³•m⁻¹
VOLUME CHANGE -5.1 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

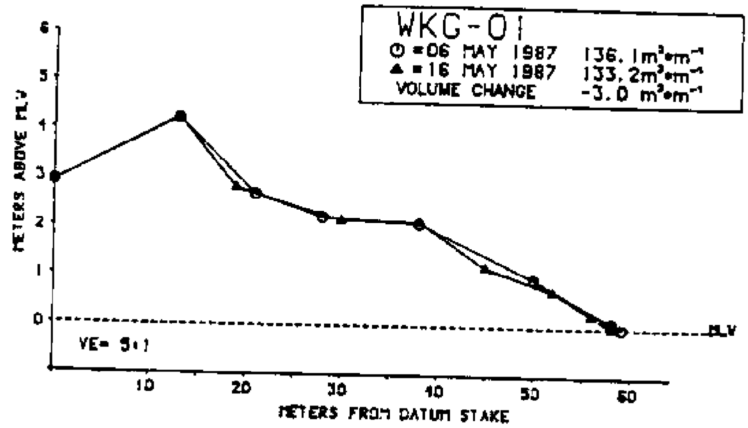

WKG-01
⊙ =27 JAN 1987 120.9m³•m⁻¹
▲ =22 FEB 1987 115.4m³•m⁻¹
VOLUME CHANGE -5.5 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

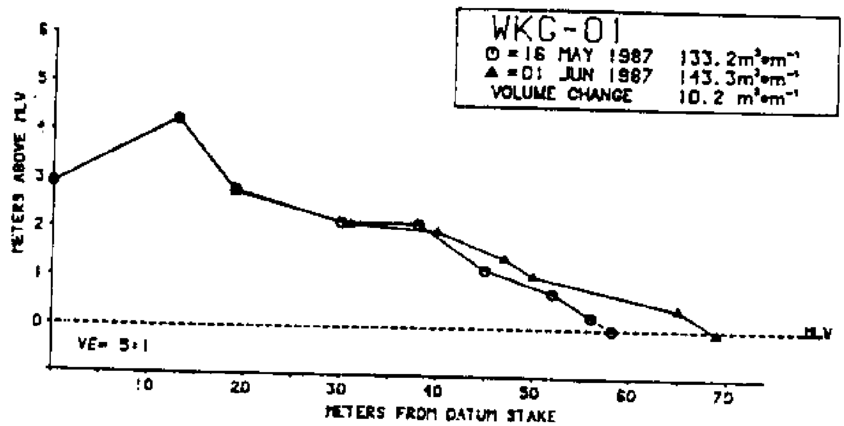

WKG-01
⊙ =22 FEB 1987 115.4m³•m⁻¹
▲ =25 MAR 1987 131.2m³•m⁻¹
VOLUME CHANGE 15.8 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

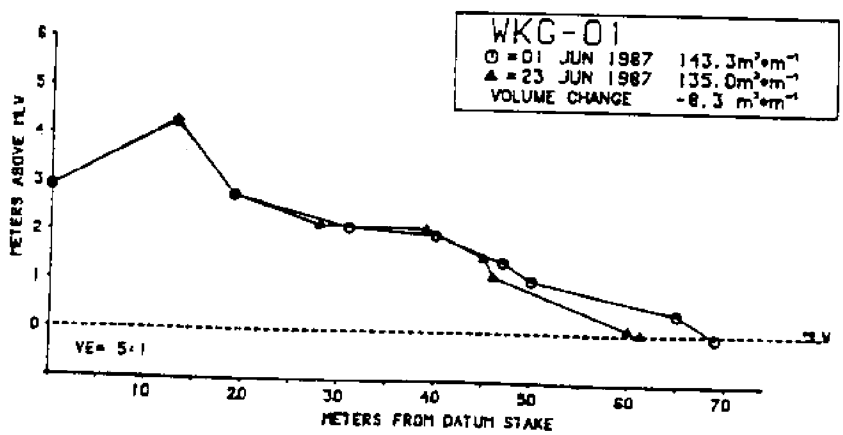

WKG-01
⊙ =25 MAR 1987 131.2m³•m⁻¹
▲ =30 MAR 1987 130.3m³•m⁻¹
VOLUME CHANGE -0.9 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

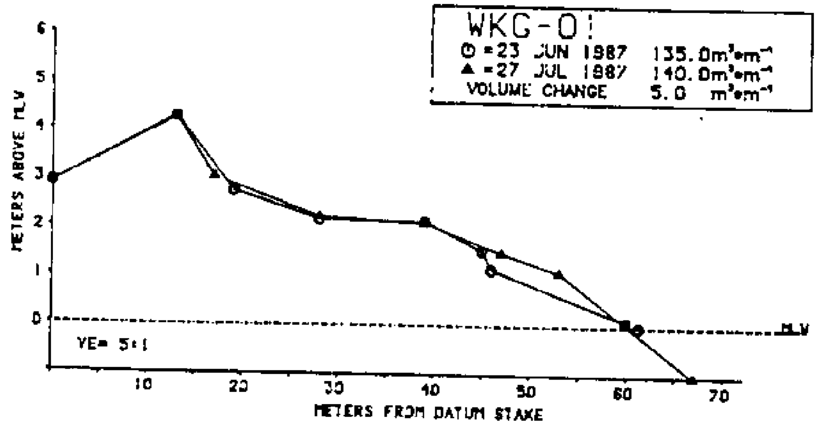

WKG-01
⊙ =30 MAR 1987 130.3m³•m⁻¹
▲ =22 APR 1987 133.8m³•m⁻¹
VOLUME CHANGE 3.6 m³•m⁻¹
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE

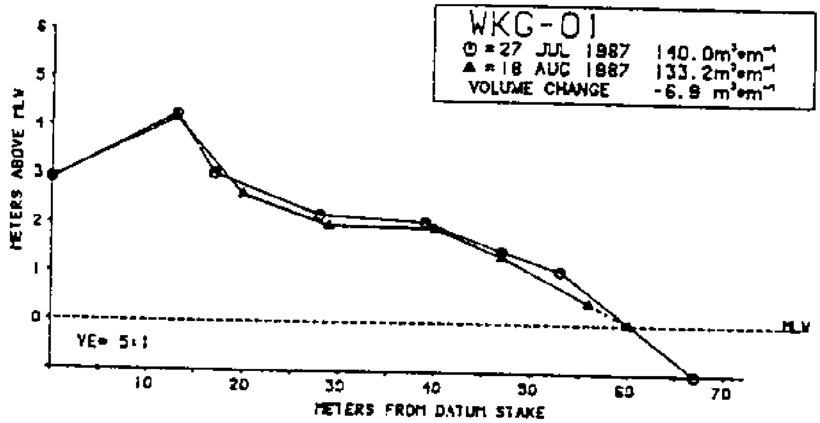

WKG-01
O = 22 APR 1987 133.8m³•m⁻¹
▲ = 06 MAY 1987 136.1m³•m⁻¹
VOLUME CHANGE 2.3 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
VE= 5:1
MLV
10
20
30
40
50
60
METERS FROM DATUM STAKE

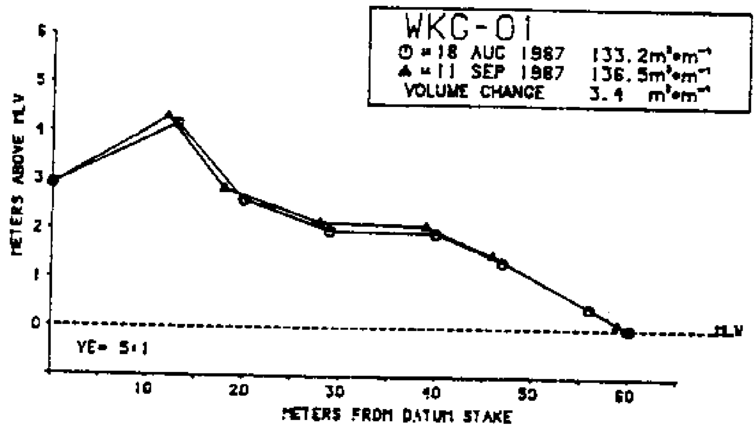

WKG-01
O = 06 MAY 1987 136.1m³•m⁻¹
▲ = 16 MAY 1987 133.2m³•m⁻¹
VOLUME CHANGE -3.0 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
VE= 5:1
MLV
10
20
30
40
50
60
METERS FROM DATUM STAKE

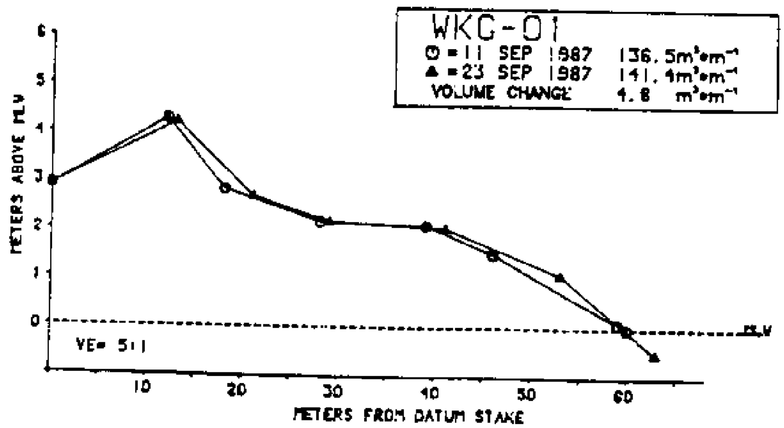

WKG-01
O = 16 MAY 1987 133.2m³•m⁻¹
▲ = 01 JUN 1987 143.3m³•m⁻¹
VOLUME CHANGE 10.2 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
VE= 5:1
MLV
10
20
30
40
50
60
70
METERS FROM DATUM STAKE

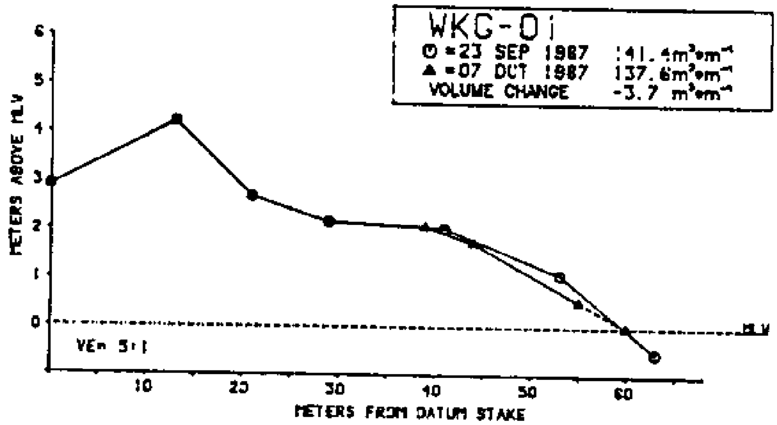

WKG-01
O = 01 JUN 1987 143.3m³•m⁻¹
▲ = 23 JUN 1987 135.0m³•m⁻¹
VOLUME CHANGE -8.3 m³•m⁻¹
METERS ABOVE MLV
0
1
2
3
4
5
6
VE= 5:1
MLV
10
20
30
40
50
60
70
METERS FROM DATUM STAKE

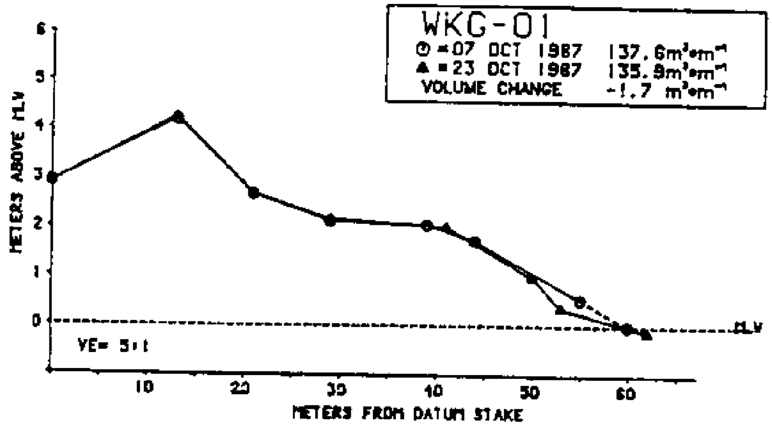

WKG-01
O =23 JUN 1987 135.0m³•m⁻¹
▲ =27 JUL 1987 140.0m³•m⁻¹
VOLUME CHANGE 5.0 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

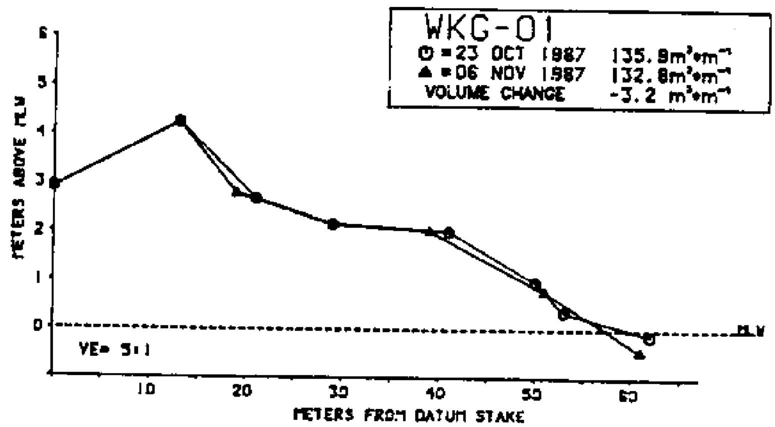

WKG-01
O =27 JUL 1987 140.0m³•m⁻¹
▲ =18 AUG 1987 133.2m³•m⁻¹
VOLUME CHANGE -6.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

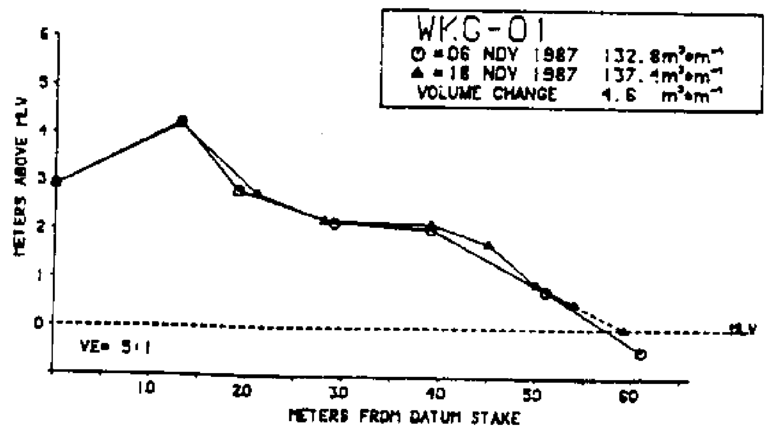

WKG-01
O =18 AUG 1987 133.2m³•m⁻¹
▲ =11 SEP 1987 136.5m³•m⁻¹
VOLUME CHANGE 3.4 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

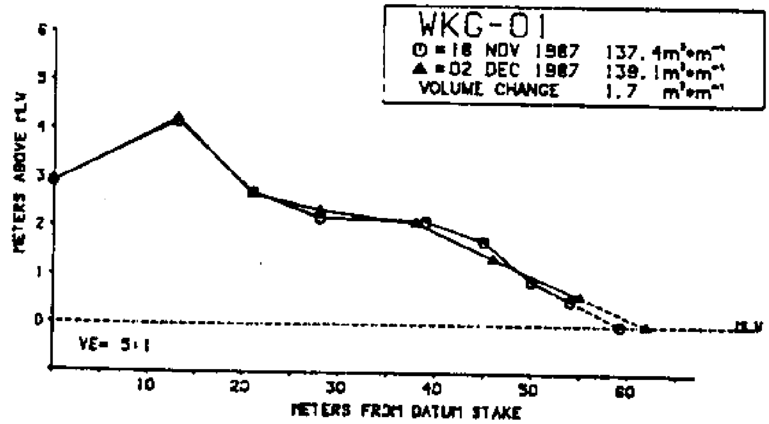

WKG-01
O =11 SEP 1987 136.5m³•m⁻¹
▲ =23 SEP 1987 141.4m³•m⁻¹
VOLUME CHANGE 4.8 m³•m⁻¹
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

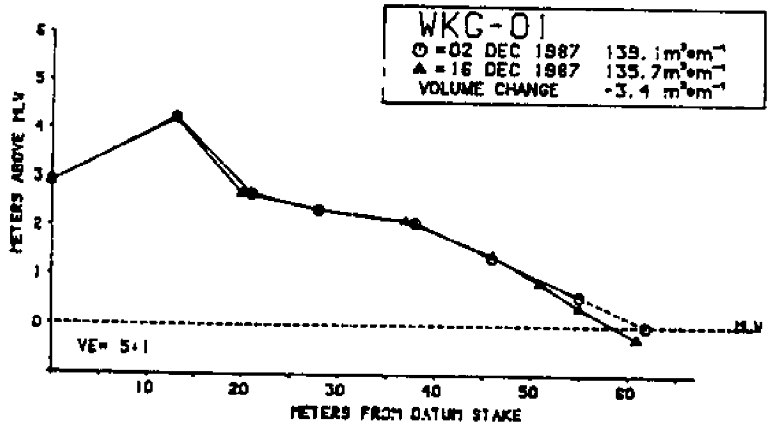

WKG-01
⊙ =23 SEP 1987 141.4$m^3 \cdot m^{-1}$
▲ =07 OCT 1987 137.6$m^3 \cdot m^{-1}$
VOLUME CHANGE -3.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

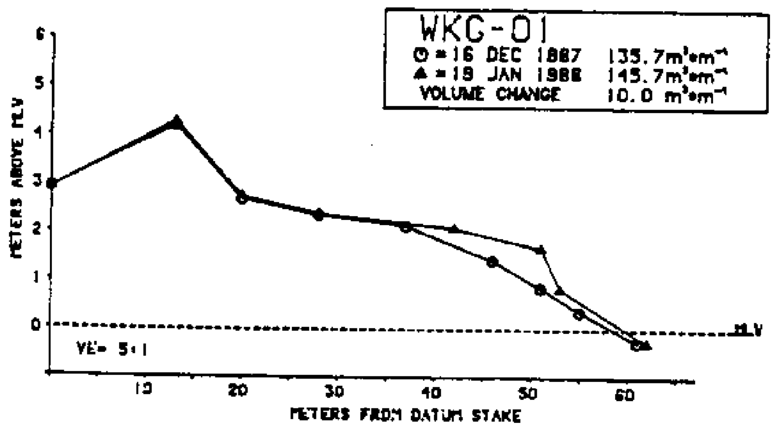

WKG-01
⊙ =07 OCT 1987 137.6$m^3 \cdot m^{-1}$
▲ =23 OCT 1987 135.9$m^3 \cdot m^{-1}$
VOLUME CHANGE -1.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

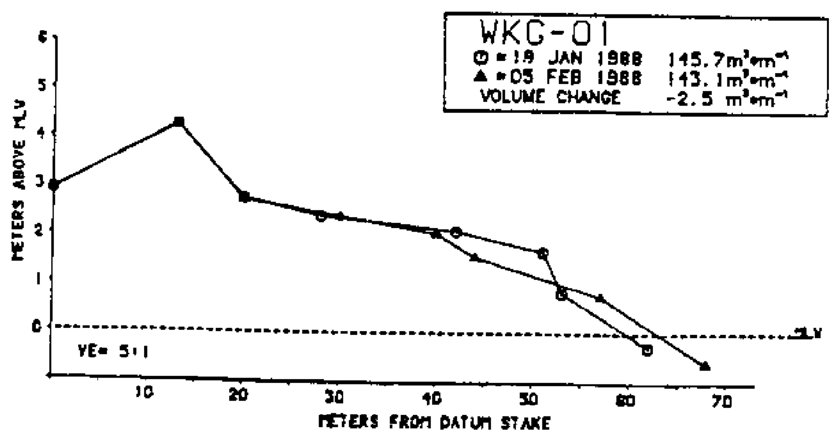

WKG-01
⊙ =23 OCT 1987 135.9$m^3 \cdot m^{-1}$
▲ =06 NOV 1987 132.8$m^3 \cdot m^{-1}$
VOLUME CHANGE -3.2 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

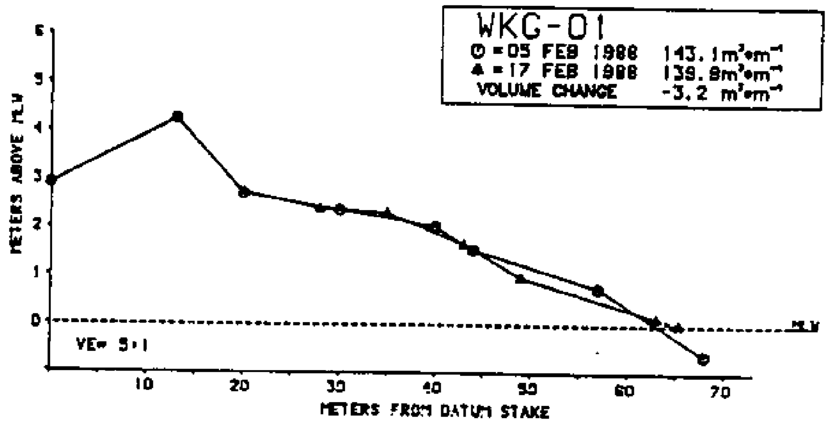

WKG-01
⊙ =06 NOV 1987 132.8$m^3 \cdot m^{-1}$
▲ =18 NOV 1987 137.4$m^3 \cdot m^{-1}$
VOLUME CHANGE 4.6 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
MLV
VE= 5:1
METERS FROM DATUM STAKE

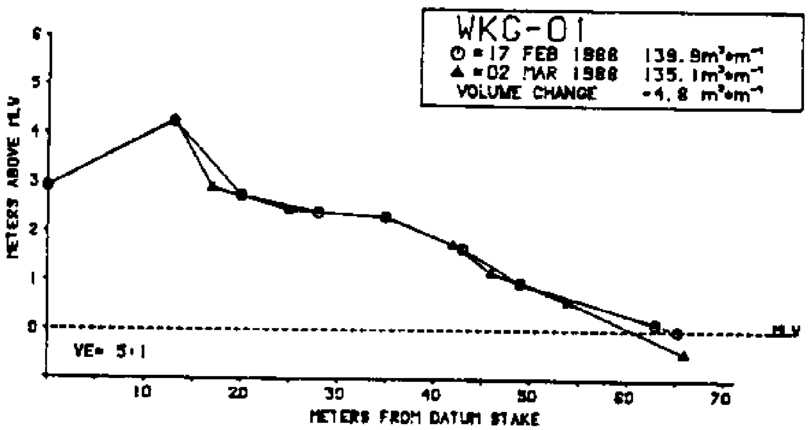

WKG-01
○ = 16 NOV 1987 137.4 $m^3 \cdot m^{-1}$
▲ = 02 DEC 1987 139.1 $m^3 \cdot m^{-1}$
VOLUME CHANGE 1.7 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


WKG-01
○ = 02 DEC 1987 139.1 $m^3 \cdot m^{-1}$
▲ = 16 DEC 1987 135.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE -3.4 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


WKG-01
○ = 16 DEC 1987 135.7 $m^3 \cdot m^{-1}$
▲ = 19 JAN 1988 145.7 $m^3 \cdot m^{-1}$
VOLUME CHANGE 10.0 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


WKG-01
○ = 19 JAN 1988 145.7 $m^3 \cdot m^{-1}$
▲ = 05 FEB 1988 143.1 $m^3 \cdot m^{-1}$
VOLUME CHANGE -2.5 $m^3 \cdot m^{-1}$
METERS ABOVE MLV
VE= 5:1
MLV
METERS FROM DATUM STAKE


WKG-01
⊙ =05 FEB 1988 143.1m³•m⁻¹
▲ =17 FEB 1988 139.9m³•m⁻¹
VOLUME CHANGE -3.2 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE


WKG-01
⊙ =17 FEB 1988 139.9m³•m⁻¹
▲ =02 MAR 1988 135.1m³•m⁻¹
VOLUME CHANGE -4.8 m³•m⁻¹
METERS ABOVE MLW
VE= 5:1
MLW
METERS FROM DATUM STAKE