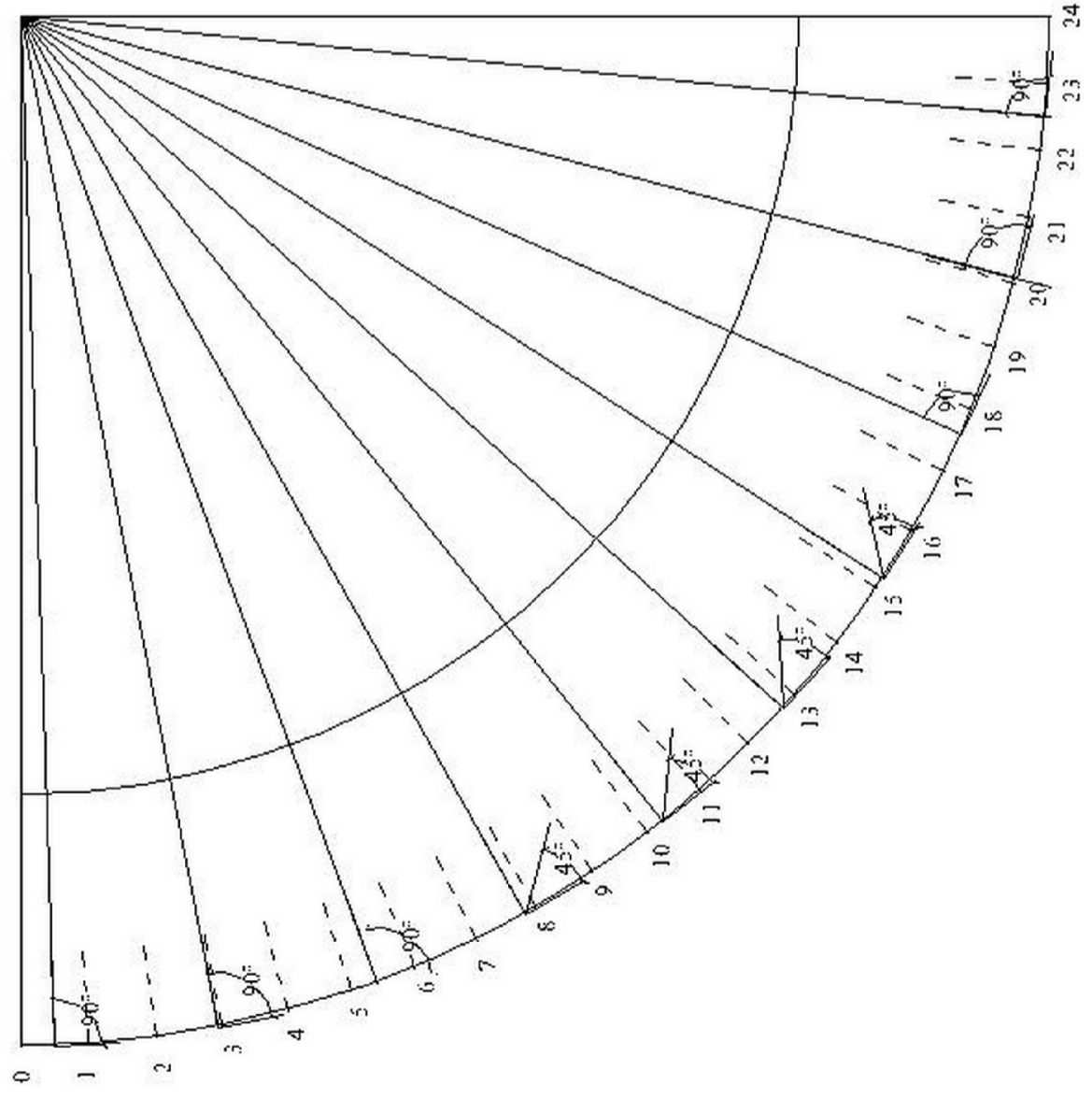
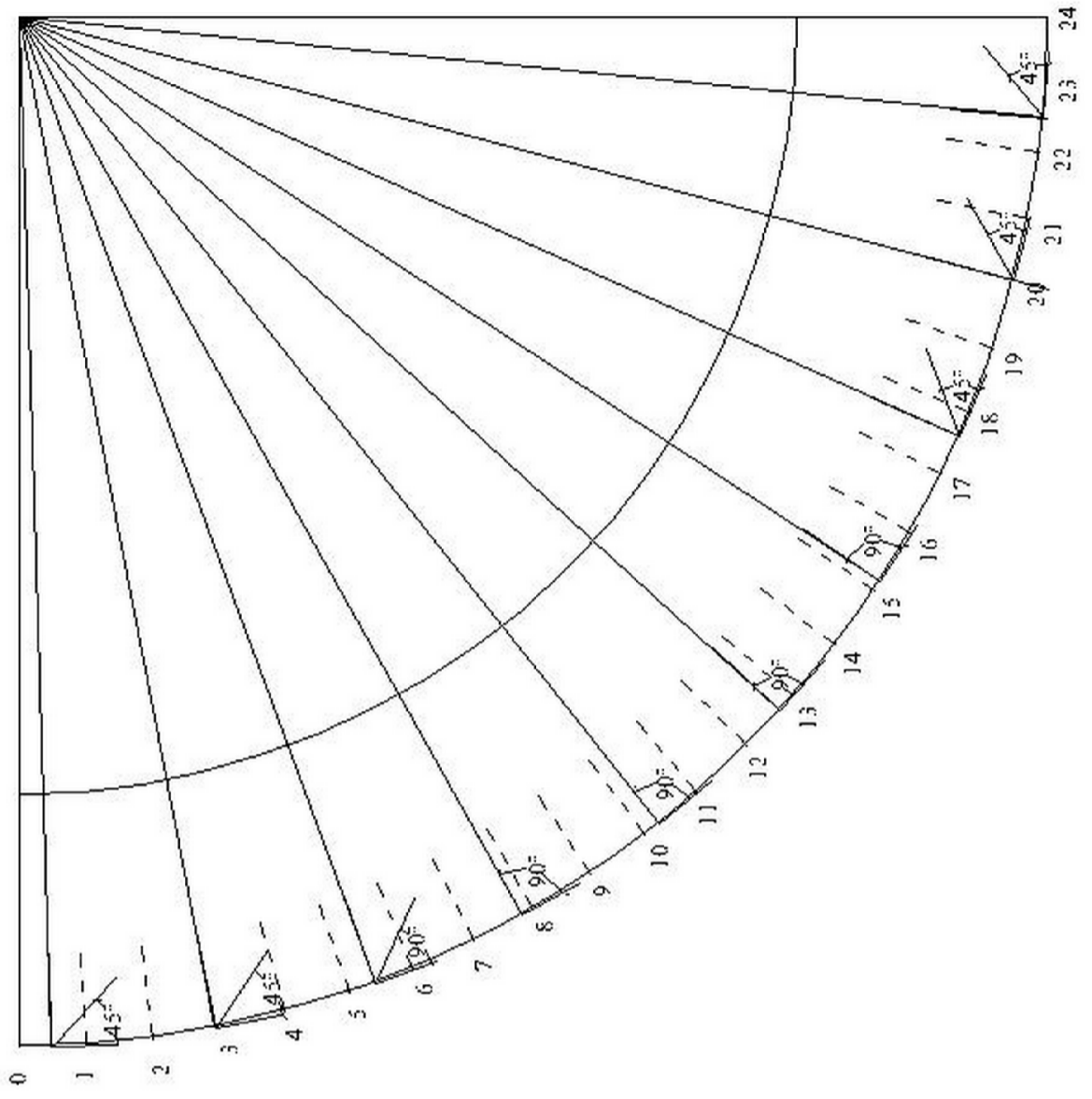


Variasi Perletakan Pemasangan Bangunan Krib

Variasi 1



Variasi 2



Perhitungan Debit Aliran

0.0684 : Debit yang digunakan dalam pengujian model.

H (cm)	H(m)	Q (lt/det)	Q (m ³ /det)	A (m ²)	V (m/det)
7.5	0.075	2.1835	0.0022	0.0684	0.0319
8	0.08	2.56581	0.0026	0.0684	0.0375
8.5	0.085	2.9857	0.0030	0.0684	0.0437
9	0.09	3.44434	0.0034	0.0684	0.0504
9.5	0.095	3.94283	0.0039	0.0684	0.0576
10	0.1	4.48229	0.0045	0.0684	0.0655
10.5	0.105	5.06376	0.0051	0.0684	0.0740
11	0.11	5.68828	0.0057	0.0684	0.0832
11.5	0.115	6.35688	0.0064	0.0684	0.0929
12	0.12	7.07054	0.0071	0.0684	0.1034
12.5	0.125	7.83023	0.0078	0.0684	0.1145
13	0.13	8.6369	0.0086	0.0684	0.1263
13.5	0.135	9.49148	0.0095	0.0684	0.1388
14	0.14	10.3949	0.0104	0.0684	0.1520
14.5	0.145	11.348	0.0113	0.0684	0.1659
15	0.15	12.3517	0.0124	0.0684	0.1806
15.5	0.155	13.4069	0.0134	0.0684	0.1960
16	0.16	14.5144	0.0145	0.0684	0.2122
16.5	0.165	15.6751	0.0157	0.0684	0.2292
17	0.17	16.8897	0.0169	0.0684	0.2469
17.5	0.175	18.1591	0.0182	0.0684	0.2655
18	0.18	19.4841	0.0195	0.0684	0.2849
18.5	0.185	20.8655	0.0209	0.0684	0.3051
19	0.19	22.304	0.0223	0.0684	0.3261
19.5	0.195	23.8005	0.0238	0.0684	0.3480
20	0.2	25.3556	0.0254	0.0684	0.3707
20.5	0.205	26.9702	0.0270	0.0684	0.3943
21	0.21	28.6449	0.0286	0.0684	0.4188
21.5	0.215	30.3805	0.0304	0.0684	0.4442
22	0.22	32.1778	0.0322	0.0684	0.4704
22.5	0.225	34.0374	0.0340	0.0684	0.4976
23	0.23	35.9599	0.0360	0.0684	0.5257
23.5	0.235	37.9463	0.0379	0.0684	0.5548
24	0.24	39.997	0.0400	0.0684	0.5848
24.5	0.245	42.1129	0.0421	0.0684	0.6157
25	0.25	44.2945	0.0443	0.0684	0.6476
25.5	0.255	46.5425	0.0465	0.0684	0.6804
26	0.26	48.8577	0.0489	0.0684	0.7143
26.5	0.265	51.2406	0.0512	0.0684	0.7491
27	0.27	53.6919	0.0537	0.0684	0.7850
27.5	0.275	56.2123	0.0562	0.0684	0.8218
28	0.28	58.8023	0.0588	0.0684	0.8597
28.5	0.285	61.4627	0.0615	0.0684	0.8986

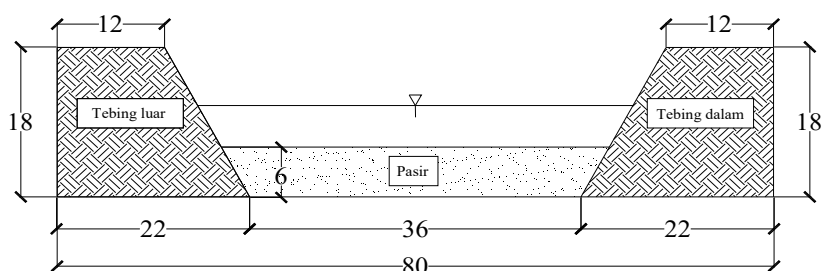
KETERANGAN:

- H** : Tinggi air di Peluap Segita model *Thompson* (m)
Q : Debit aliran (liter/detik)
A : Luas penampang basah berbentuk trapesium (m²)
V : Kecepatan aliran (m³/detik)

Perhitungan Luas Penampang Basah (A) :

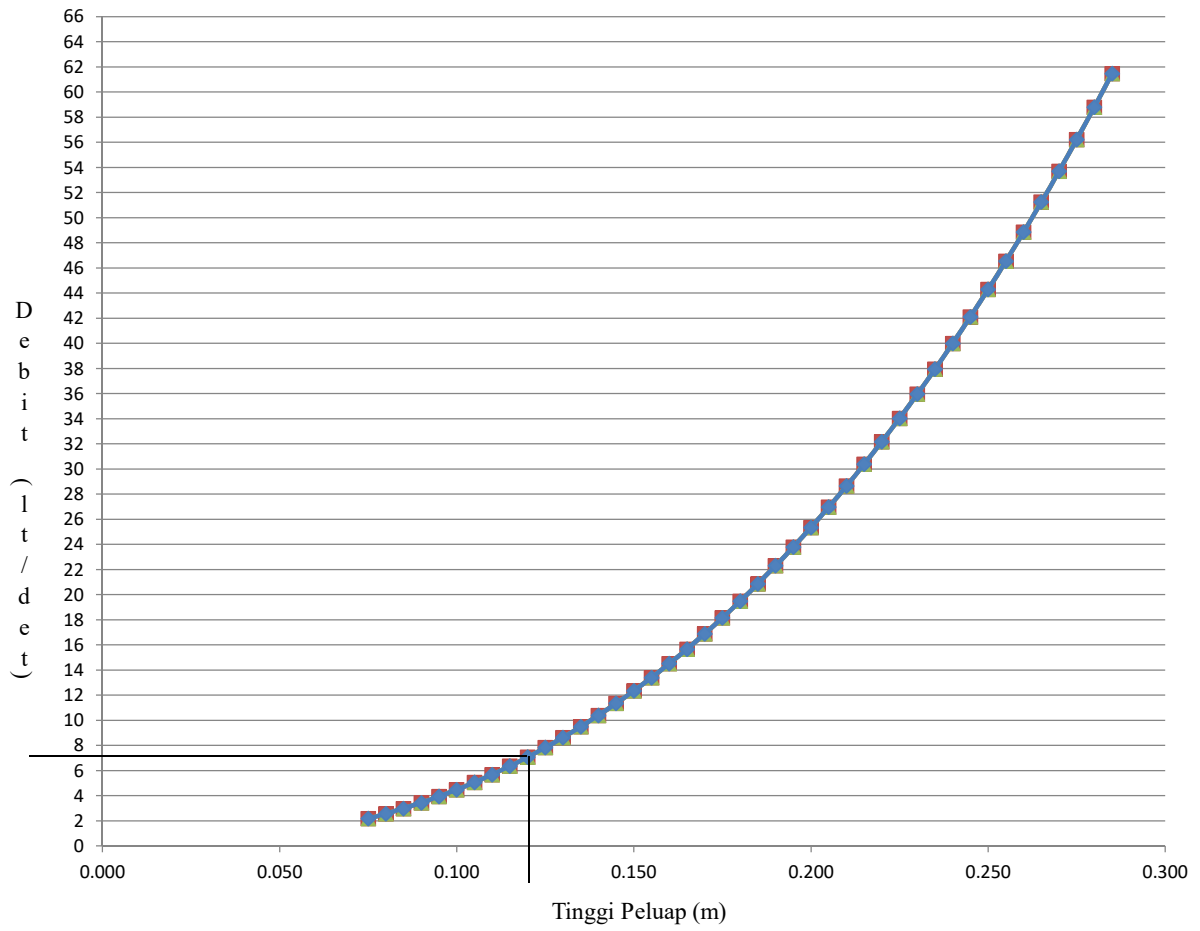
- sisi bawah = 36 cm 0.36 m
 sisi atas = 40 cm 0.4 m
 tinggi tebing = 18 cm 0.18 m

A = 0.0684 m²



Profil Melintang Saluran

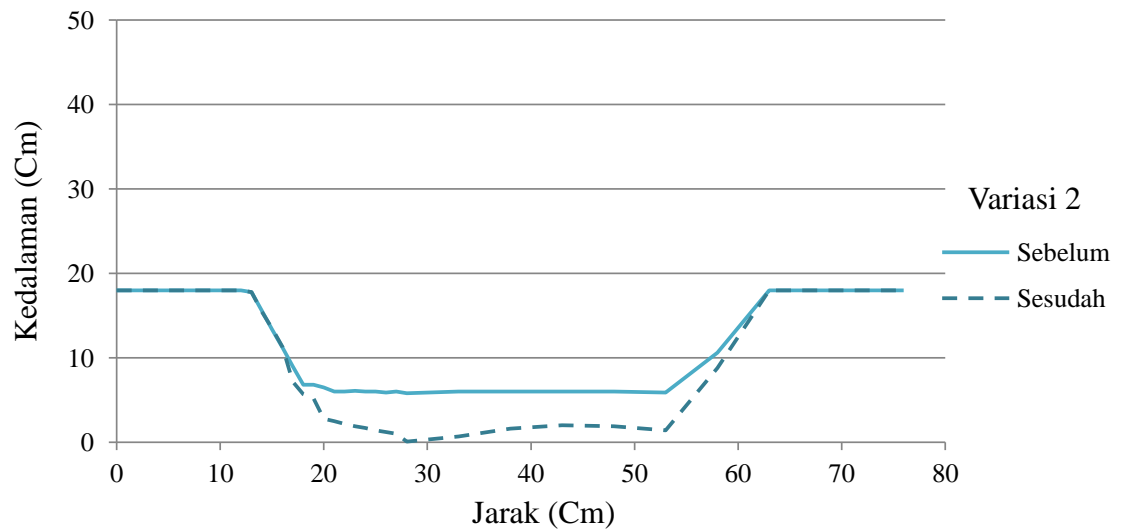
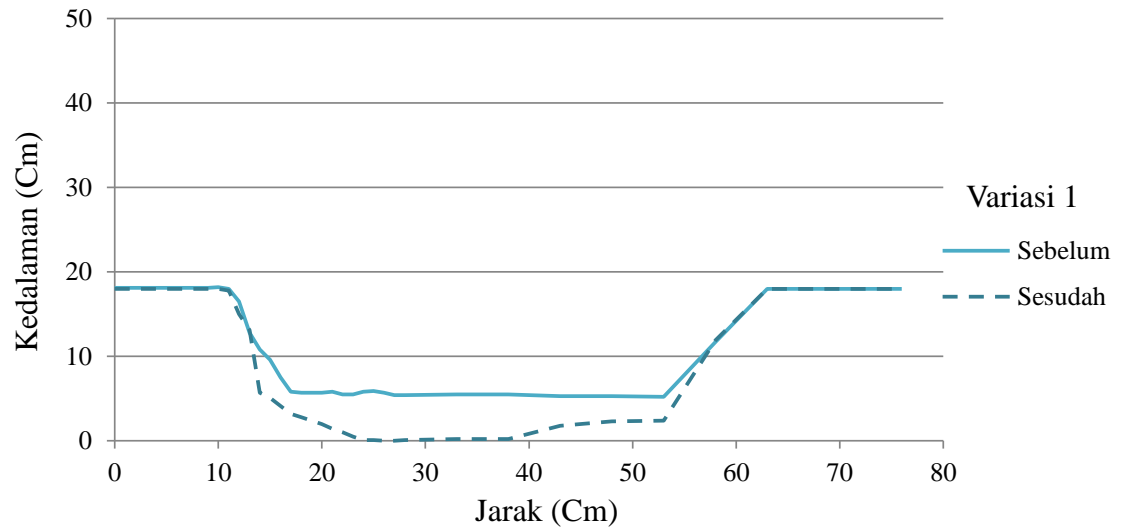
Grafik Hubungan Debit dan Tinggi Peluap



Gambar 56. Grafik Hubungan Debit dengan Tinggi Peluap

Sta. 00

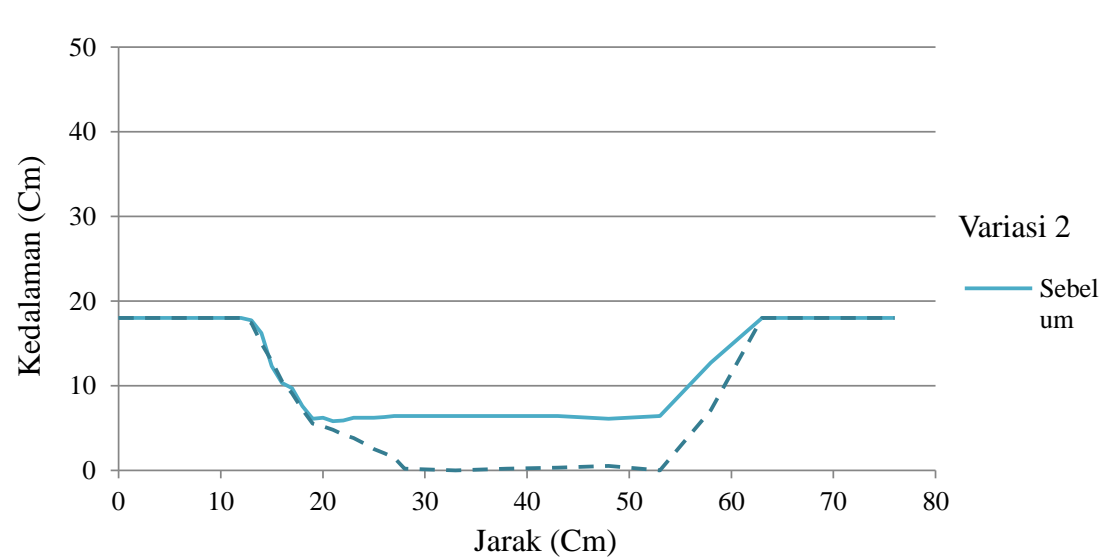
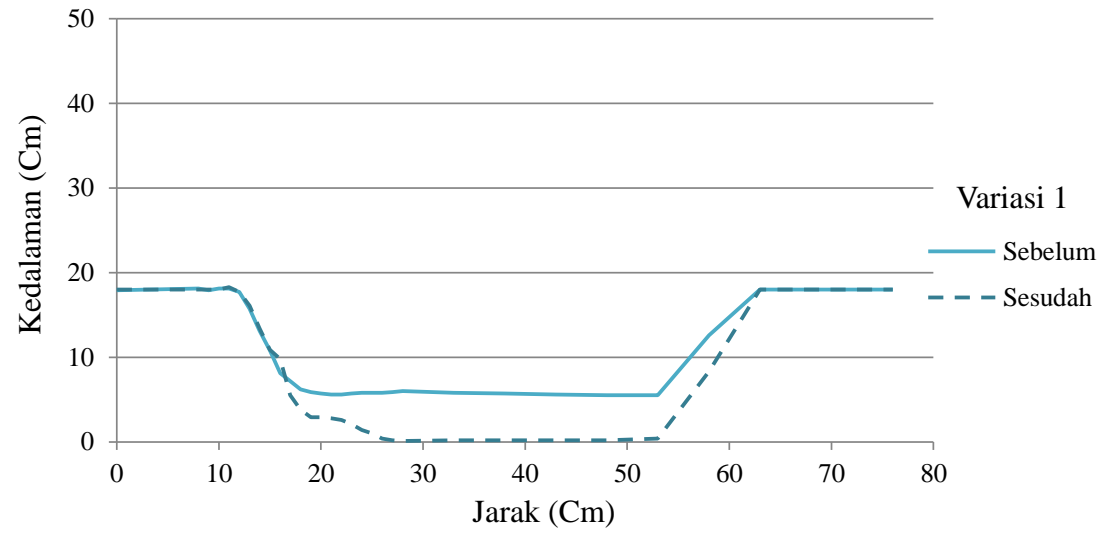
No	Jarak	Zsb1	Zsd1	Zsb1	Zsd2
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	16.5	15.0	18.0	18.0
7	13	12.8	13.1	17.8	17.8
8	14	10.8	5.7	15.6	15.5
9	15	9.6	5.1	13.4	13.5
10	16	7.5	4.1	11.2	11.3
11	17	5.8	3.2	9.0	7.2
12	18	5.7	2.8	6.8	5.7
13	19	5.7	2.4	6.8	5.2
14	20	5.7	2.0	6.5	2.8
15	21	5.8	1.4	6.0	2.5
16	22	5.5	1.0	6.0	2.2
17	23	5.5	0.5	6.1	1.9
18	24	5.8	0.1	6.0	1.7
19	25	5.9	0.1	6.0	1.4
20	26	5.7	0.0	5.9	1.2
21	27	5.4	0.0	6.0	1.0
22	28	5.4	0.1	5.8	0.1
23	33	5.5	0.2	6.0	0.7
24	38	5.5	0.2	6.0	1.6
25	43	5.3	1.8	6.0	2.0
26	48	5.3	2.3	6.0	1.9
27	53	5.2	2.4	5.9	1.4
28	58	11.7	11.9	10.6	8.8
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb1 :Z sebelum *running* variasi 1
 Zsd2: Z sesudah *running* variasi 2
 Sta. 00

Sta. 01

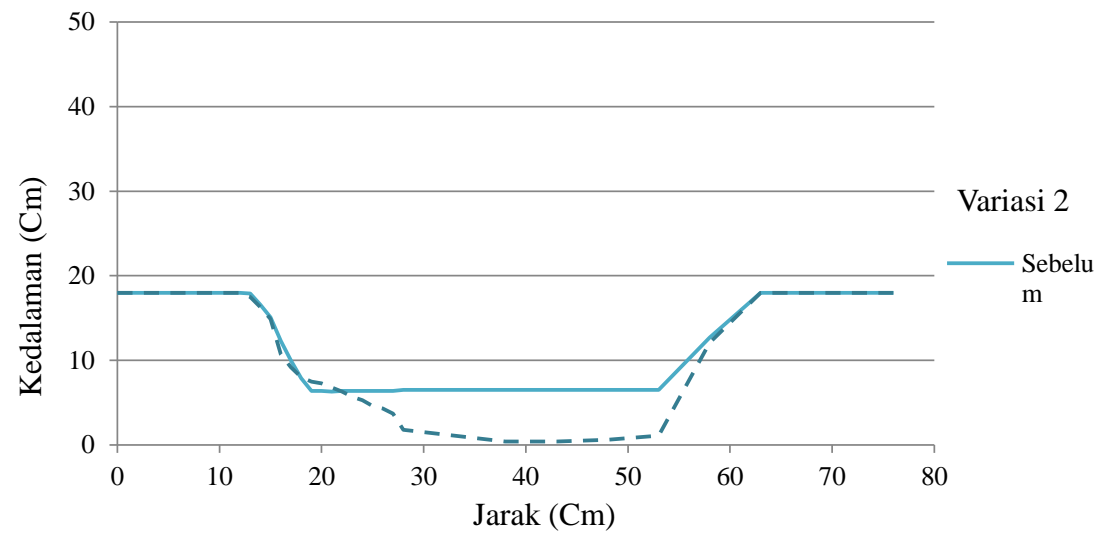
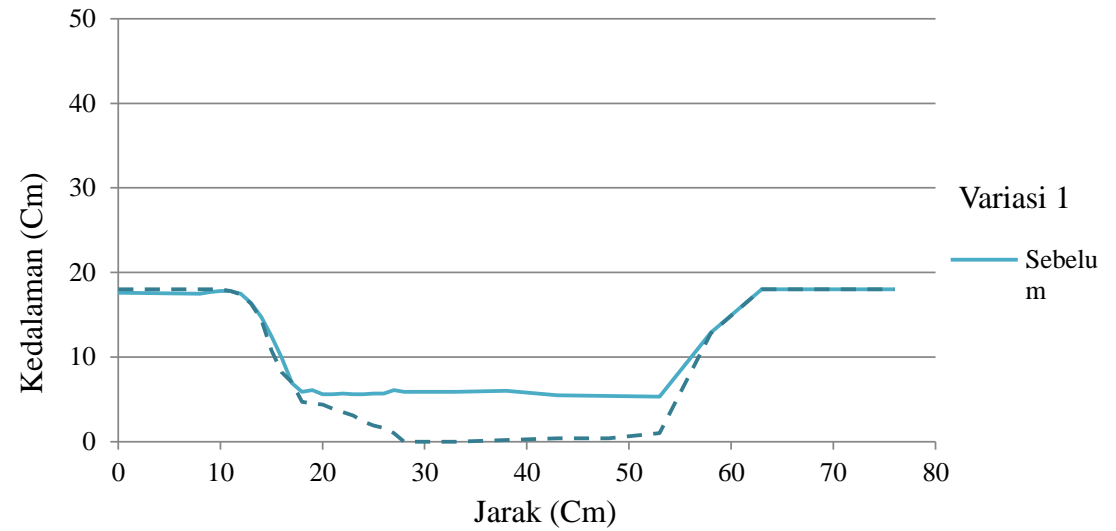
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	17.7	17.7	18	18.0
7	13	15.7	16.1	17.7	17.4
8	14	13.1	13.4	16.2	15.0
9	15	10.8	10.9	12.3	12.9
10	16	8.1	9.8	10.3	10.5
11	17	7.2	5.5	9.7	9.1
12	18	6.2	3.8	7.6	7.2
13	19	5.9	2.9	6.1	5.5
14	20	5.7	2.9	6.2	5.2
15	21	5.6	2.8	5.8	4.8
16	22	5.6	2.6	5.9	4.2
17	23	5.7	2.1	6.2	3.8
18	24	5.8	1.4	6.2	3.2
19	25	5.8	1.0	6.2	2.5
20	26	5.8	0.4	6.3	2.0
21	27	5.9	0.2	6.4	1.5
22	28	6.0	0.1	6.4	0.2
23	33	5.8	0.2	6.4	0.0
24	38	5.7	0.2	6.4	0.2
25	43	5.6	0.2	6.4	0.3
26	48	5.5	0.2	6.1	0.5
27	53	5.5	0.4	6.4	0.0
28	58	12.6	8.3	12.7	7.1
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb1 : Z sebelum *running* variasi 1
Zsd2 : Z sesudah *running* variasi 2

Sta. 02

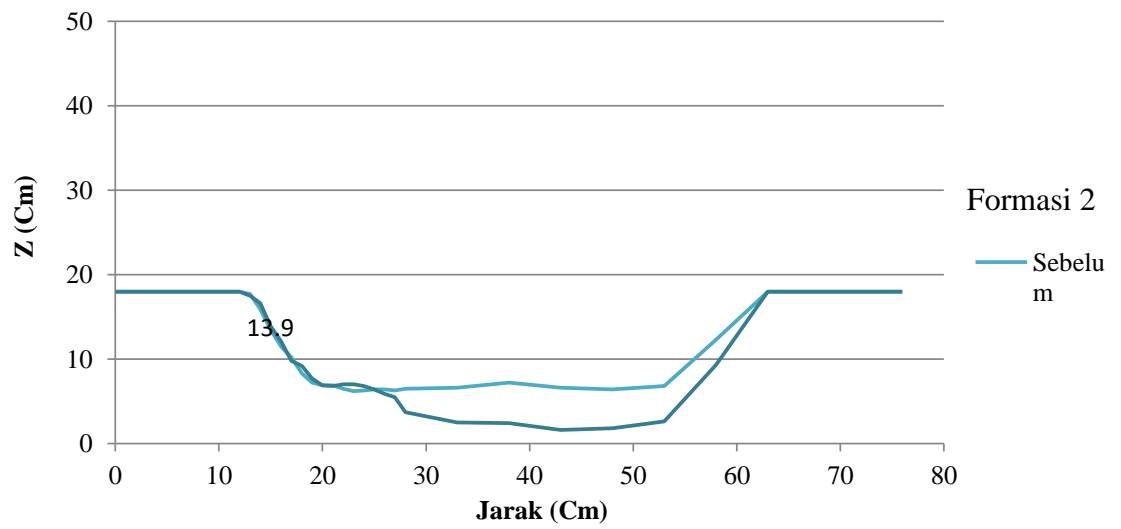
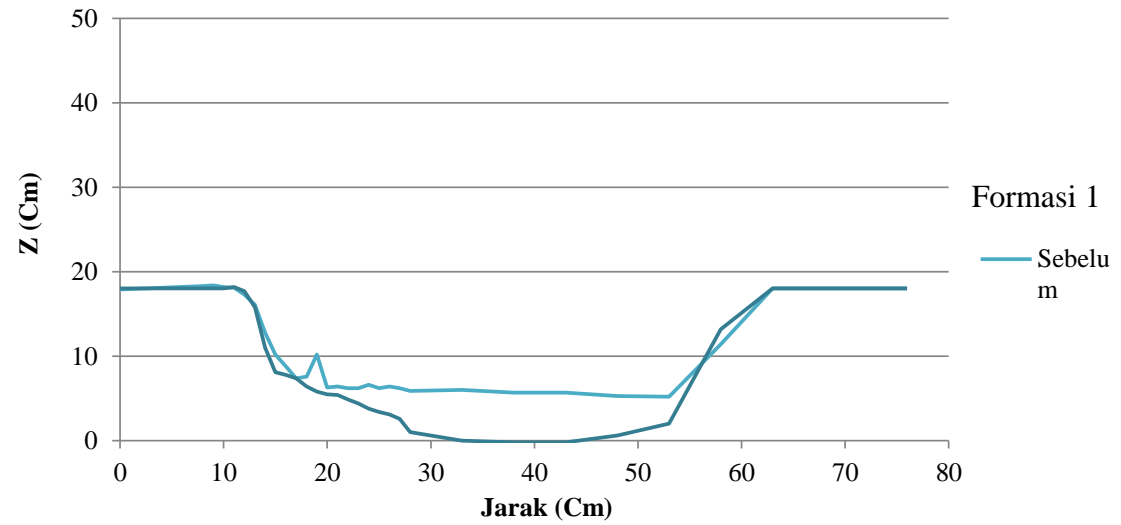
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	17.5	17.4	18	18.0
7	13	16.4	16.3	17.9	17.5
8	14	14.7	14.4	16.6	16.3
9	15	12.5	10.8	15.1	14.9
10	16	9.9	8.2	12.3	10.7
11	17	6.9	7.0	10.0	9.2
12	18	5.9	4.7	7.9	8.0
13	19	6.1	4.5	6.4	7.5
14	20	5.6	4.4	6.4	7.3
15	21	5.6	3.9	6.3	6.8
16	22	5.7	3.5	6.4	6.3
17	23	5.6	3.1	6.4	5.7
18	24	5.6	2.4	6.4	5.3
19	25	5.7	1.9	6.4	4.6
20	26	5.7	1.6	6.4	4.3
21	27	6.1	1.0	6.4	3.7
22	28	5.9	0.0	6.5	1.8
23	33	5.9	0.0	6.5	1.1
24	38	6.0	0.2	6.5	0.4
25	43	5.5	0.4	6.5	0.4
26	48	5.4	0.4	6.5	0.6
27	53	5.3	1.0	6.5	1.1
28	58	12.9	12.8	12.7	12.1
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2

Sta. 03

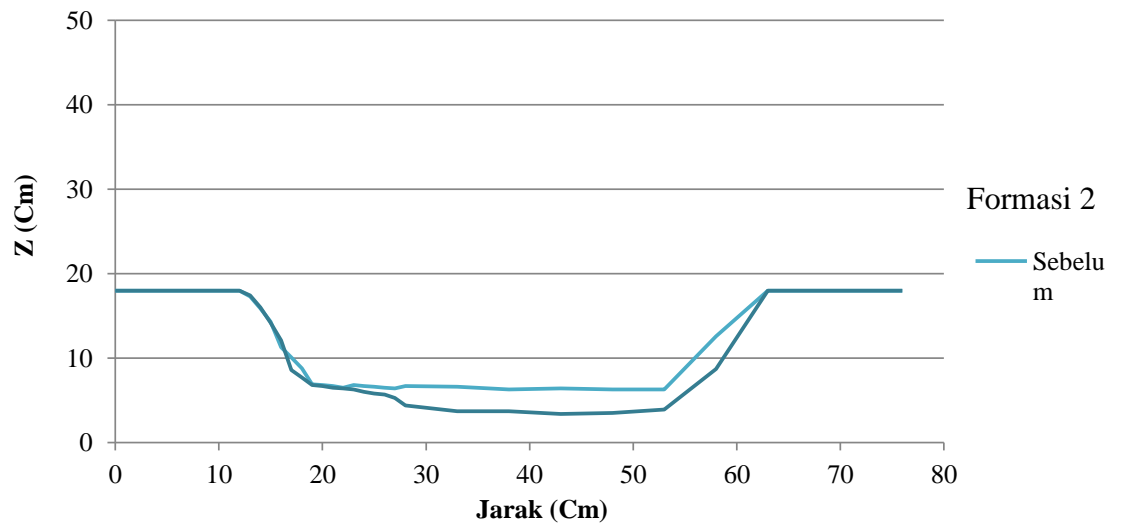
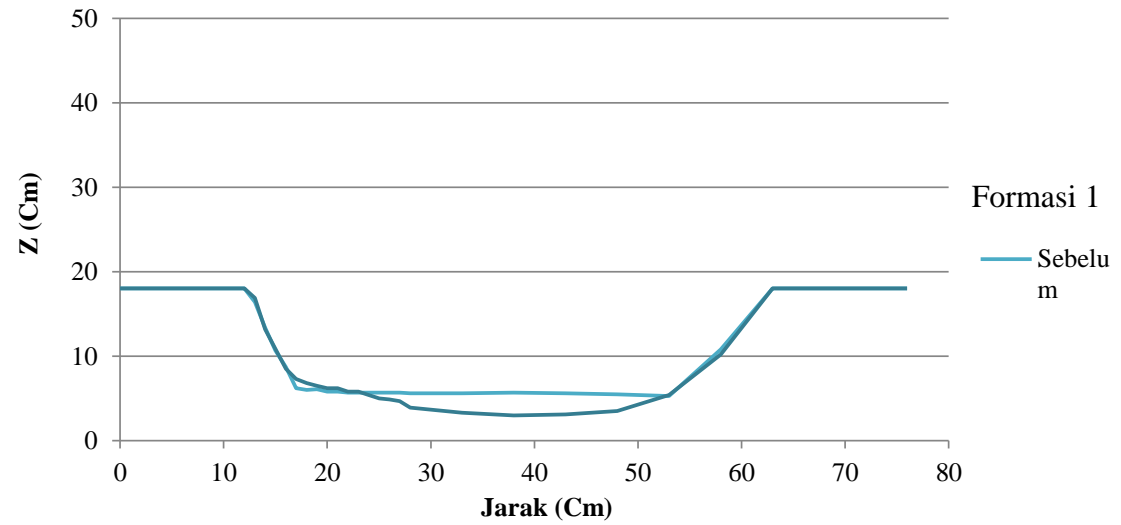
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	17.3	17.7	18	18.0
7	13	16.1	15.8	17.7	17.5
8	14	12.8	11.0	15.9	16.6
9	15	10.2	8.1	13.5	13.9
10	16	8.8	7.8	11.5	12.1
11	17	7.4	7.4	10.2	9.8
12	18	7.6	6.4	8.3	9.2
13	19	10.2	5.8	7.2	7.7
14	20	6.3	5.5	6.9	6.9
15	21	6.4	5.4	6.9	6.8
16	22	6.2	4.9	6.5	7.0
17	23	6.2	4.4	6.2	7.0
18	24	6.6	3.8	6.3	6.8
19	25	6.2	3.4	6.4	6.4
20	26	6.4	3.1	6.4	5.9
21	27	6.2	2.6	6.3	5.5
22	28	5.9	1.0	6.5	3.7
23	33	6.0	0.0	6.6	2.5
24	38	5.7	-0.2	7.2	2.4
25	43	5.7	-0.2	6.6	1.6
26	48	5.3	0.6	6.4	1.8
27	53	5.2	2.0	6.8	2.6
28	58	11.4	13.2	12.3	9.3
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2

Sta. 04

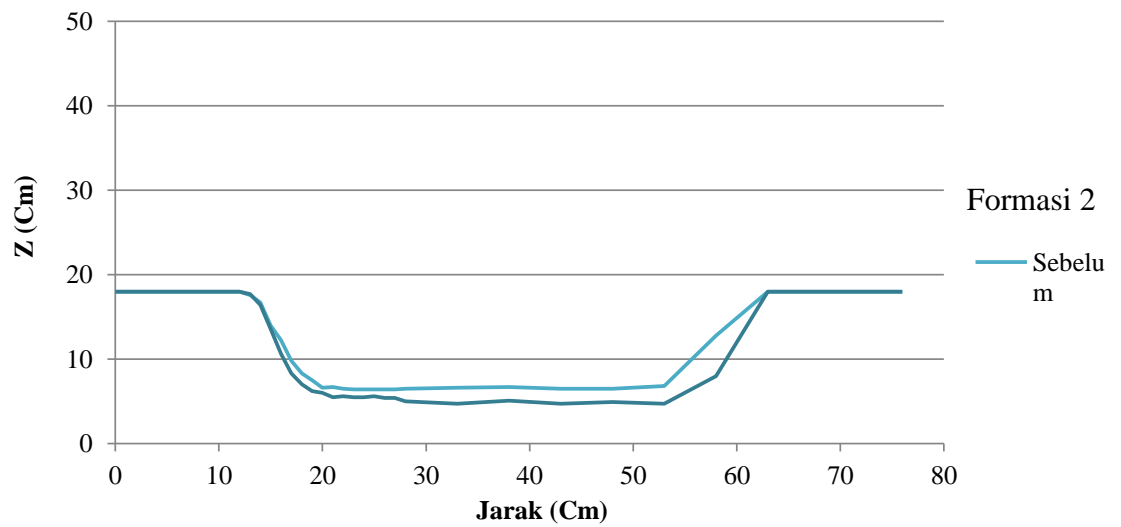
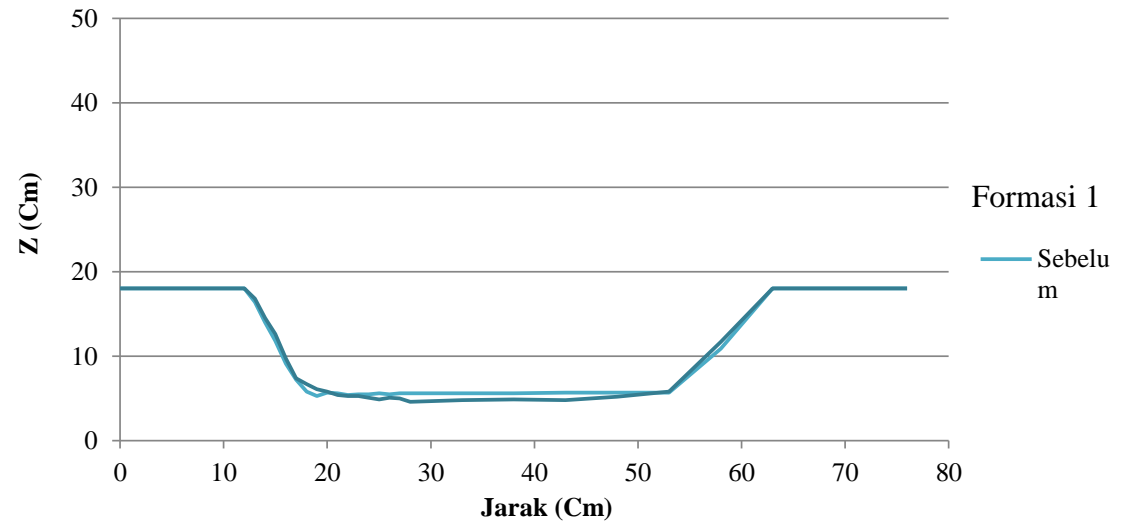
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18.0	18.0	18	18.0
7	13	16.4	16.9	17.3	17.4
8	14	13.4	13.2	15.9	16.0
9	15	10.7	10.9	14.3	14.2
10	16	8.7	8.5	11.3	12.1
11	17	6.2	7.3	10.1	8.6
12	18	6.0	6.8	8.8	7.7
13	19	6.1	6.5	6.9	6.8
14	20	5.8	6.2	6.8	6.7
15	21	5.8	6.2	6.7	6.5
16	22	5.7	5.8	6.5	6.4
17	23	5.7	5.8	6.8	6.3
18	24	5.7	5.4	6.7	6.0
19	25	5.7	5.0	6.6	5.8
20	26	5.7	4.9	6.5	5.7
21	27	5.7	4.7	6.4	5.3
22	28	5.6	3.9	6.7	4.4
23	33	5.6	3.3	6.6	3.7
24	38	5.7	3.0	6.3	3.7
25	43	5.6	3.1	6.4	3.4
26	48	5.5	3.5	6.3	3.5
27	53	5.3	5.4	6.3	3.9
28	58	10.8	10.2	12.6	8.7
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 04

Sta. 05

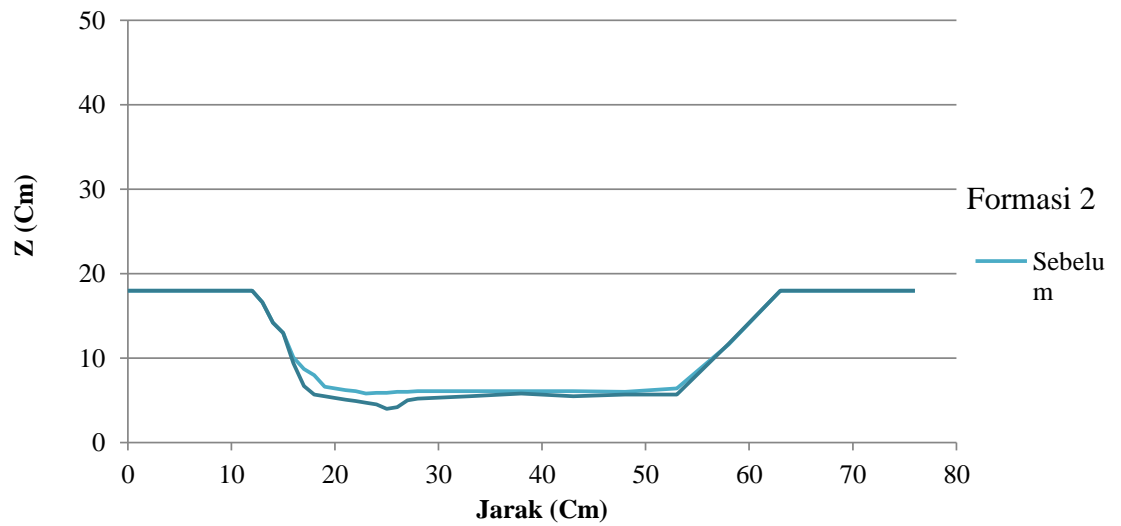
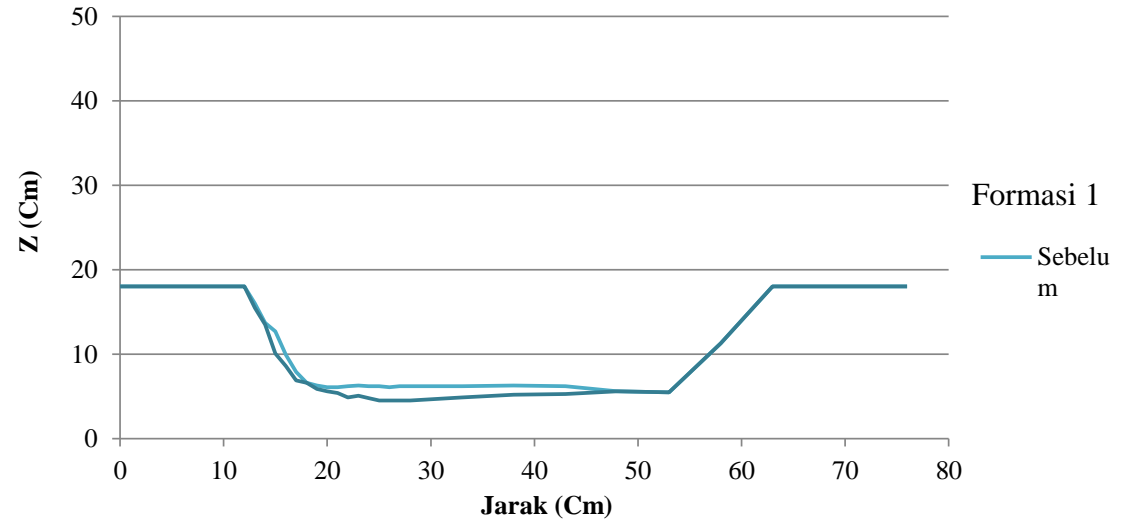
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18.0	18.0	18	18.0
7	13	16.4	16.8	17.6	17.7
8	14	14.0	14.5	16.7	16.4
9	15	11.8	12.6	14.0	13.6
10	16	9.1	9.7	12.2	10.6
11	17	7.2	7.4	9.8	8.3
12	18	5.8	6.7	8.3	7.0
13	19	5.3	6.1	7.5	6.2
14	20	5.7	5.8	6.6	6.0
15	21	5.6	5.4	6.7	5.5
16	22	5.4	5.3	6.5	5.6
17	23	5.5	5.3	6.4	5.5
18	24	5.5	5.1	6.4	5.5
19	25	5.6	4.9	6.4	5.6
20	26	5.5	5.1	6.4	5.4
21	27	5.6	5.0	6.4	5.4
22	28	5.6	4.6	6.5	5.0
23	33	5.6	4.8	6.6	4.7
24	38	5.6	4.9	6.7	5.1
25	43	5.7	4.8	6.5	4.7
26	48	5.7	5.2	6.5	4.9
27	53	5.7	5.8	6.8	4.7
28	58	10.9	11.7	12.8	8.0
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 05

Sta. 06

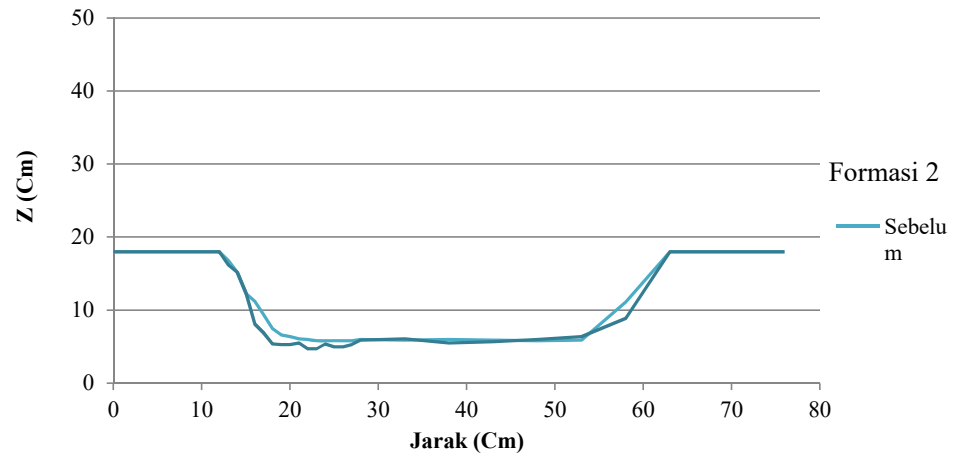
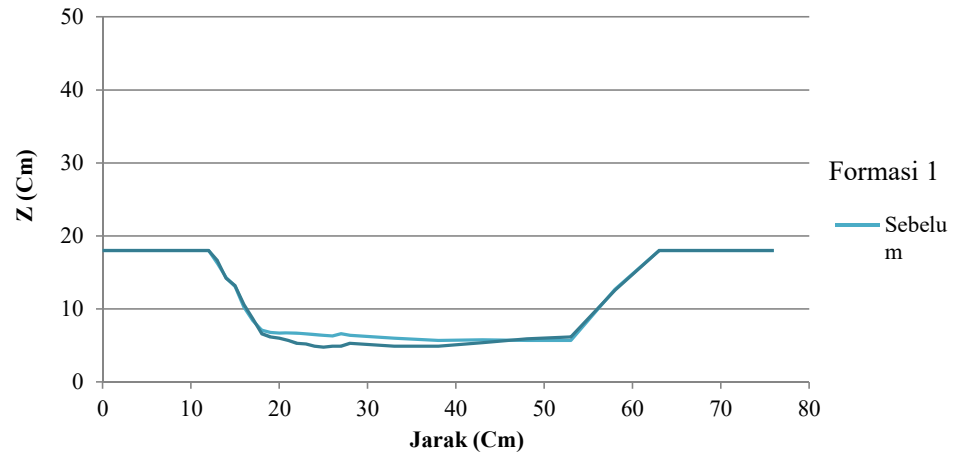
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18.0	18.0	18	18.0
7	13	16.0	15.5	16.6	16.6
8	14	13.7	13.5	14.2	14.2
9	15	12.7	10.1	13.0	13.0
10	16	9.9	8.6	10.1	9.4
11	17	7.9	6.9	8.7	6.7
12	18	6.6	6.6	8.0	5.7
13	19	6.3	5.9	6.6	5.5
14	20	6.1	5.6	6.4	5.3
15	21	6.1	5.4	6.2	5.1
16	22	6.2	4.9	6.1	4.9
17	23	6.3	5.1	5.8	4.7
18	24	6.2	4.8	5.9	4.5
19	25	6.2	4.5	5.9	4.0
20	26	6.1	4.5	6.0	4.2
21	27	6.2	4.5	6.0	5.0
22	28	6.2	4.5	6.1	5.2
23	33	6.2	4.9	6.1	5.5
24	38	6.3	5.2	6.1	5.8
25	43	6.2	5.3	6.1	5.5
26	48	5.6	5.6	6.0	5.7
27	53	5.5	5.5	6.4	5.7
28	58	11.3	11.3	11.6	11.7
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 06

Sta. 07

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18.0	18.0	18	18.0
7	13	16.2	16.6	16.8	16.2
8	14	14.3	14.2	15.2	15.2
9	15	13.1	13.2	12.3	12.4
10	16	10.2	10.6	11.2	8.1
11	17	8.4	8.7	9.4	6.9
12	18	7.1	6.6	7.5	5.4
13	19	6.8	6.2	6.6	5.3
14	20	6.7	6.0	6.4	5.3
15	21	6.7	5.7	6.1	5.5
16	22	6.7	5.3	6.0	4.7
17	23	6.6	5.2	5.8	4.7
18	24	6.5	4.9	5.8	5.4
19	25	6.4	4.8	5.8	5.0
20	26	6.3	4.9	5.8	5.0
21	27	6.6	4.9	5.8	5.3
22	28	6.4	5.3	6.0	5.9
23	33	6.0	4.9	5.9	6.1
24	38	5.7	4.9	6.0	5.5
25	43	5.8	5.4	5.9	5.7
26	48	5.7	5.9	5.8	6.0
27	53	5.7	6.2	5.9	6.4
28	58	12.7	12.6	11.1	8.9
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



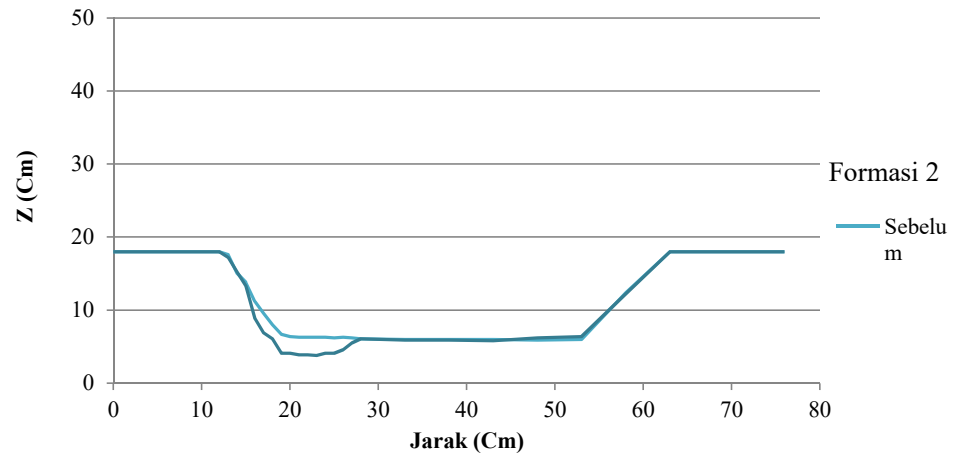
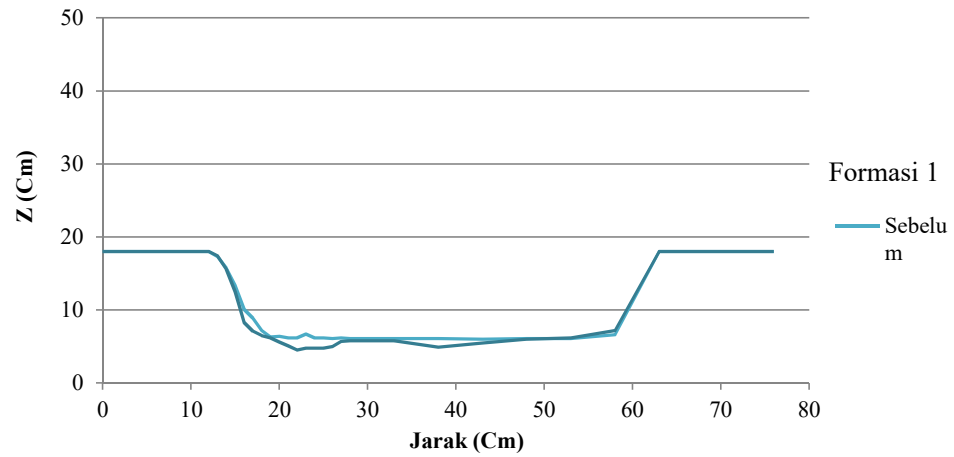
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 07

Sta. 08

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18.0
7	13	17.3	17.4	17.6	17.2
8	14	15.8	15.6	15.0	15.2
9	15	13.4	12.5	13.8	13.3
10	16	10.1	8.3	11.2	8.9
11	17	8.9	7.1	9.6	6.9
12	18	7.2	6.5	8.0	6.1
13	19	6.3	6.2	6.7	4.1
14	20	6.4	5.6	6.4	4.1
15	21	6.2	5.1	6.3	3.9
16	22	6.2	4.5	6.3	3.9
17	23	6.7	4.8	6.3	3.8
18	24	6.2	4.8	6.3	4.1
19	25	6.2	4.8	6.2	4.1
20	26	6.1	5.0	6.3	4.6
21	27	6.2	5.7	6.2	5.5
22	28	6.1	5.8	6.1	6.1
23	33	6.1	5.8	6.0	5.9
24	38	6.1	4.9	6.0	5.9
25	43	6.0	5.5	6.0	5.8
26	48	6.1	6.0	5.9	6.2
27	53	6.1	6.2	6.0	6.4
28	58	6.6	7.2	12.4	12.2
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



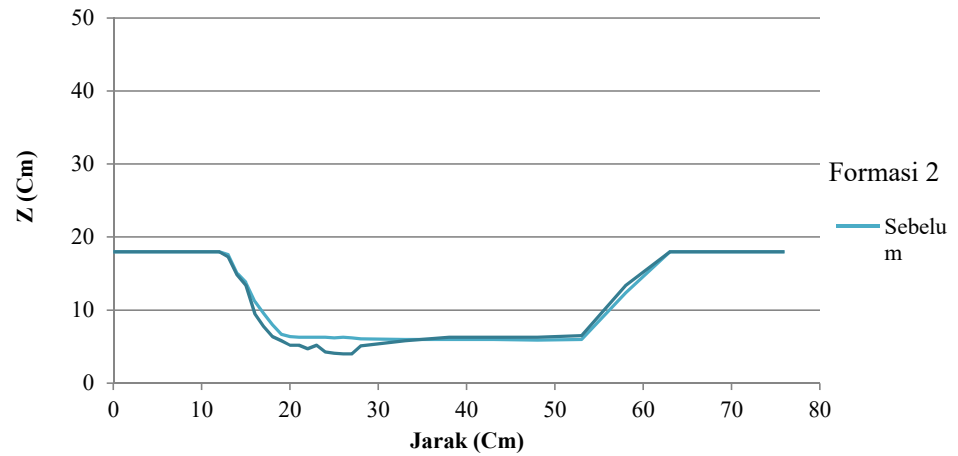
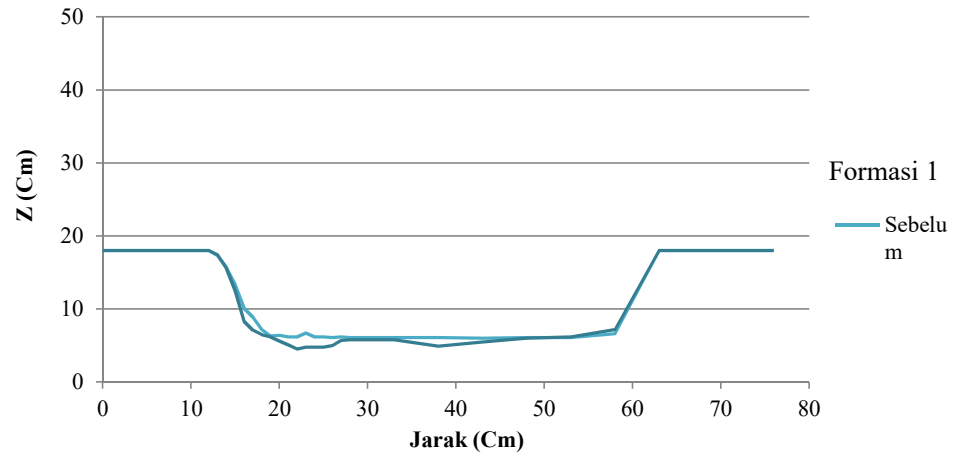
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 08

Sta. 09

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18.0
7	13	17.3	17.4	17.6	17.3
8	14	15.8	15.6	15.0	14.8
9	15	13.4	12.5	13.8	13.4
10	16	10.1	8.3	11.2	9.5
11	17	8.9	7.1	9.6	7.8
12	18	7.2	6.5	8.0	6.4
13	19	6.3	6.2	6.7	5.8
14	20	6.4	5.6	6.4	5.2
15	21	6.2	5.1	6.3	5.2
16	22	6.2	4.5	6.3	4.7
17	23	6.7	4.8	6.3	5.2
18	24	6.2	4.8	6.3	4.3
19	25	6.2	4.8	6.2	4.1
20	26	6.1	5.0	6.3	4.0
21	27	6.2	5.7	6.2	4.0
22	28	6.1	5.8	6.1	5.1
23	33	6.1	5.8	6.0	5.8
24	38	6.1	4.9	6.0	6.3
25	43	6.0	5.5	6.0	6.3
26	48	6.1	6.0	5.9	6.3
27	53	6.1	6.2	6.0	6.5
28	58	6.6	7.2	12.4	13.4
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



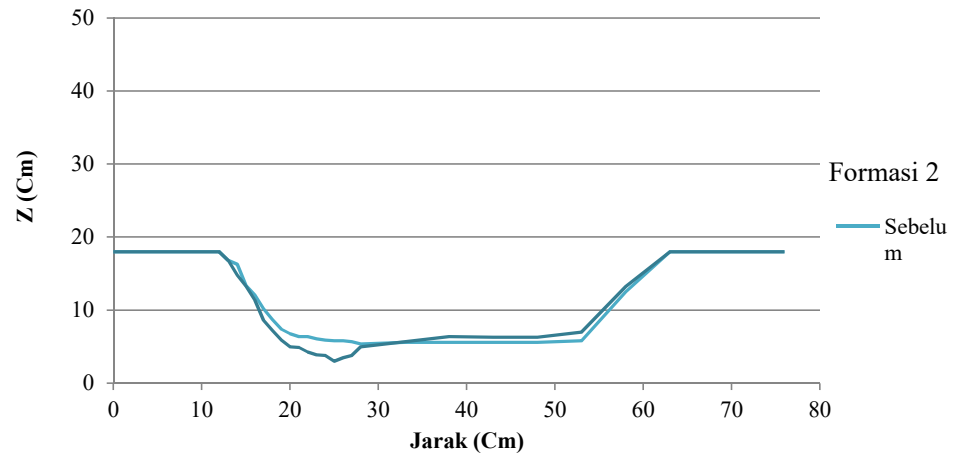
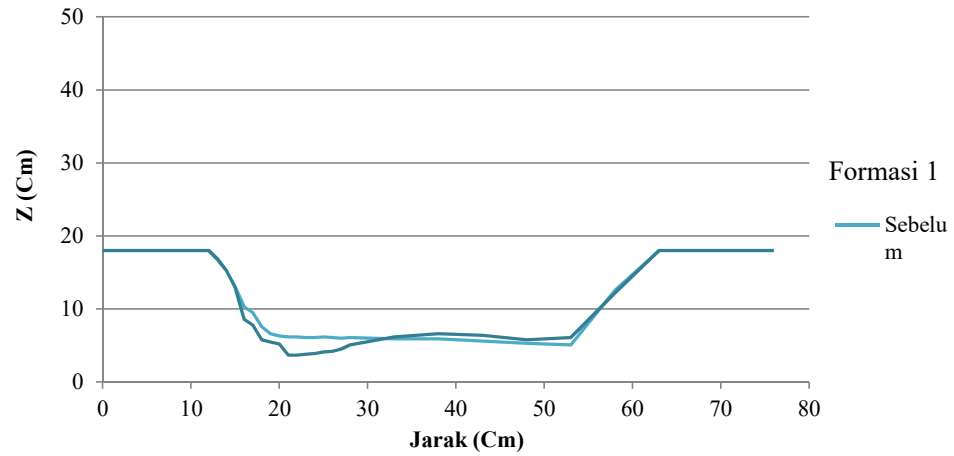
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 09

Sta. 10

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.9	16.8	16.8	16.8
8	14	15.3	15.3	16.3	14.8
9	15	13.1	12.9	13.4	13.3
10	16	10.3	8.6	12.1	11.4
11	17	9.5	7.8	10.2	8.6
12	18	7.6	5.8	8.7	7.2
13	19	6.6	5.5	7.4	5.9
14	20	6.3	5.2	6.8	5.0
15	21	6.2	3.7	6.4	4.9
16	22	6.2	3.7	6.4	4.3
17	23	6.1	3.8	6.1	3.9
18	24	6.1	3.9	5.9	3.8
19	25	6.2	4.1	5.8	3.0
20	26	6.1	4.2	5.8	3.5
21	27	6.0	4.5	5.7	3.8
22	28	6.1	5.1	5.4	5.0
23	33	5.9	6.2	5.6	5.7
24	38	5.9	6.6	5.6	6.4
25	43	5.6	6.4	5.6	6.3
26	48	5.3	5.8	5.6	6.3
27	53	5.1	6.1	5.8	7.0
28	58	12.6	12.2	12.5	13.2
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



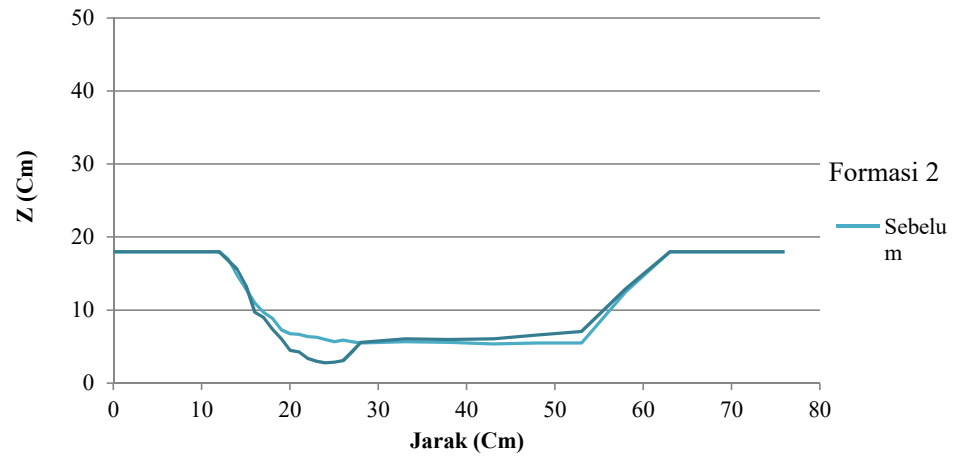
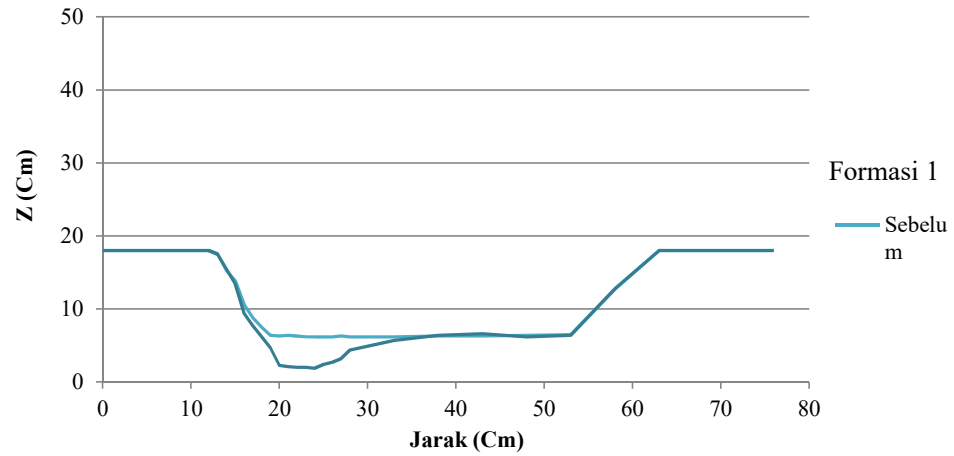
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 10

Sta. 11

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	17.6	17.5	17.0	16.8
8	14	15.3	15.5	14.7	15.6
9	15	13.9	13.4	12.9	13.4
10	16	10.6	9.4	11.0	9.7
11	17	8.8	7.7	9.7	9.0
12	18	7.5	6.2	8.9	7.4
13	19	6.4	4.7	7.3	6.1
14	20	6.3	2.3	6.8	4.5
15	21	6.4	2.1	6.7	4.3
16	22	6.3	2.0	6.4	3.4
17	23	6.2	2.0	6.3	3.0
18	24	6.2	1.9	6.0	2.8
19	25	6.2	2.4	5.7	2.9
20	26	6.2	2.7	5.9	3.1
21	27	6.3	3.2	5.7	4.3
22	28	6.2	4.4	5.5	5.6
23	33	6.2	5.7	5.7	6.1
24	38	6.3	6.4	5.6	6.0
25	43	6.3	6.6	5.4	6.1
26	48	6.4	6.2	5.5	6.6
27	53	6.5	6.4	5.5	7.1
28	58	12.7	12.8	12.5	12.9
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



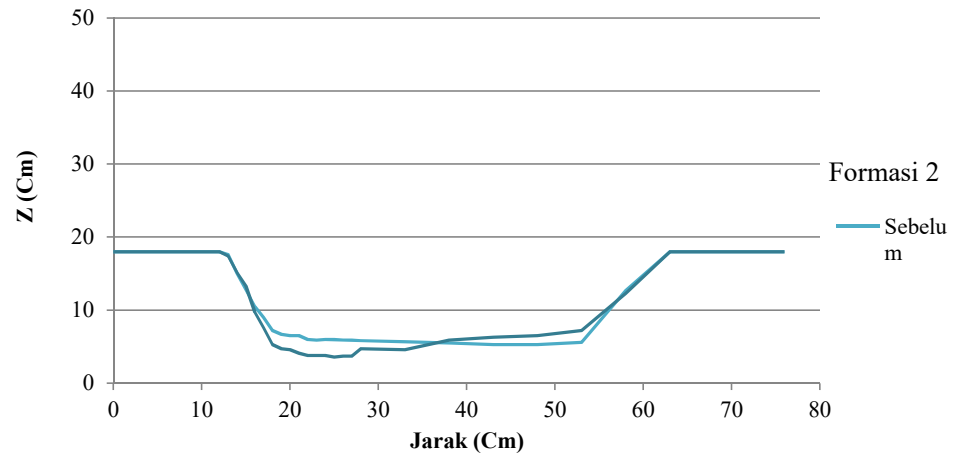
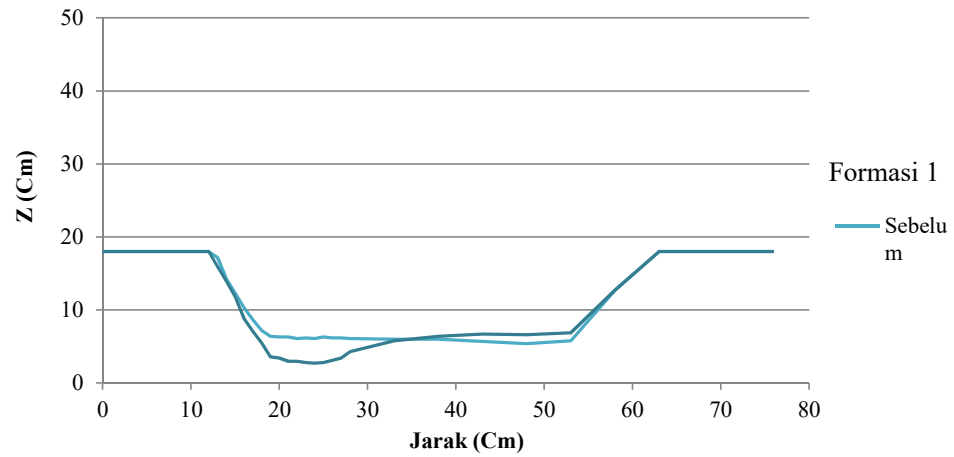
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 11

Sta. 12

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	17.2	15.9	17.6	17.4
8	14	14.3	14.0	15.0	15.1
9	15	12.3	11.8	12.8	13.3
10	16	10.3	8.8	10.5	9.7
11	17	8.7	7.1	9.0	7.6
12	18	7.2	5.5	7.2	5.3
13	19	6.4	3.6	6.7	4.7
14	20	6.3	3.4	6.5	4.6
15	21	6.3	3.0	6.5	4.1
16	22	6.1	3.0	6.0	3.8
17	23	6.2	2.8	5.9	3.8
18	24	6.1	2.7	6.0	3.8
19	25	6.3	2.8	6.0	3.6
20	26	6.2	3.1	5.9	3.7
21	27	6.2	3.4	5.9	3.7
22	28	6.1	4.3	5.8	4.7
23	33	6.0	5.8	5.7	4.6
24	38	6.0	6.4	5.5	5.9
25	43	5.7	6.7	5.3	6.3
26	48	5.4	6.6	5.3	6.5
27	53	5.8	6.9	5.6	7.2
28	58	12.7	12.7	12.7	12.3
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



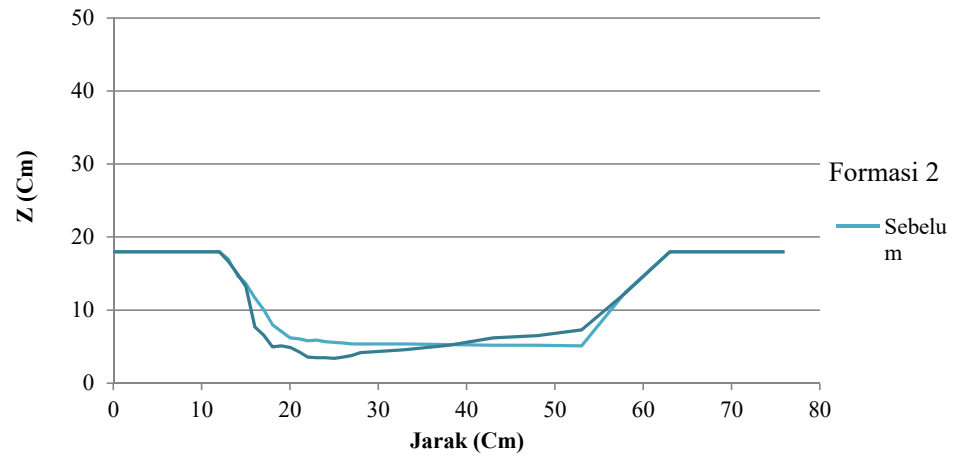
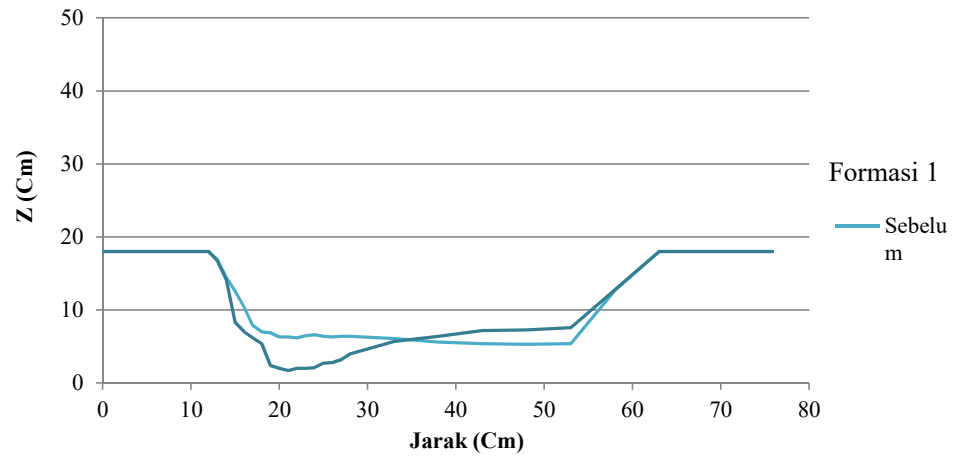
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 12

Sta. 13

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.9	16.7	17.0	16.7
8	14	14.5	14.2	14.8	15.0
9	15	12.6	8.3	13.6	13.2
10	16	10.4	7.0	11.7	7.7
11	17	7.9	6.2	10.1	6.6
12	18	7.0	5.4	8.0	5.0
13	19	6.9	2.4	7.1	5.1
14	20	6.3	2.0	6.2	4.9
15	21	6.3	1.7	6.1	4.3
16	22	6.2	2.0	5.8	3.6
17	23	6.5	2.0	5.9	3.5
18	24	6.6	2.1	5.7	3.5
19	25	6.4	2.7	5.6	3.4
20	26	6.3	2.8	5.5	3.6
21	27	6.4	3.2	5.4	3.8
22	28	6.4	4.0	5.4	4.2
23	33	6.1	5.7	5.4	4.6
24	38	5.6	6.4	5.3	5.2
25	43	5.4	7.2	5.2	6.2
26	48	5.3	7.3	5.2	6.5
27	53	5.4	7.6	5.1	7.3
28	58	12.7	12.8	12.5	12.4
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0

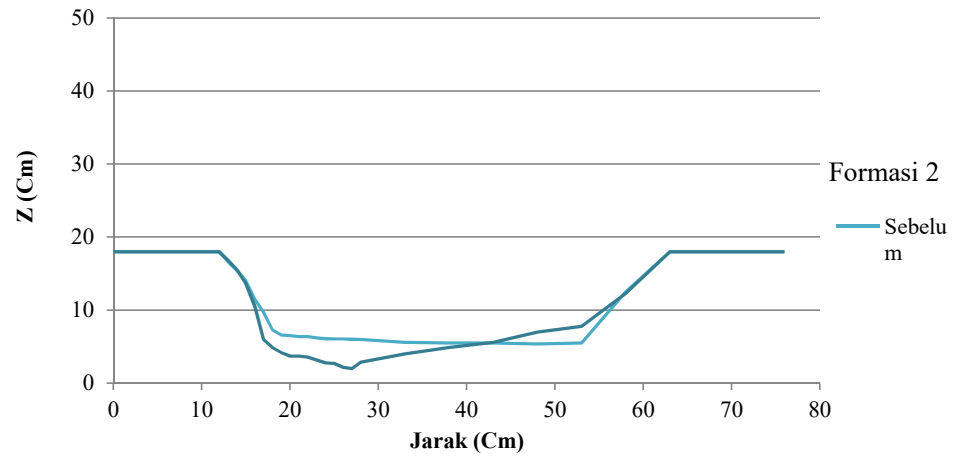
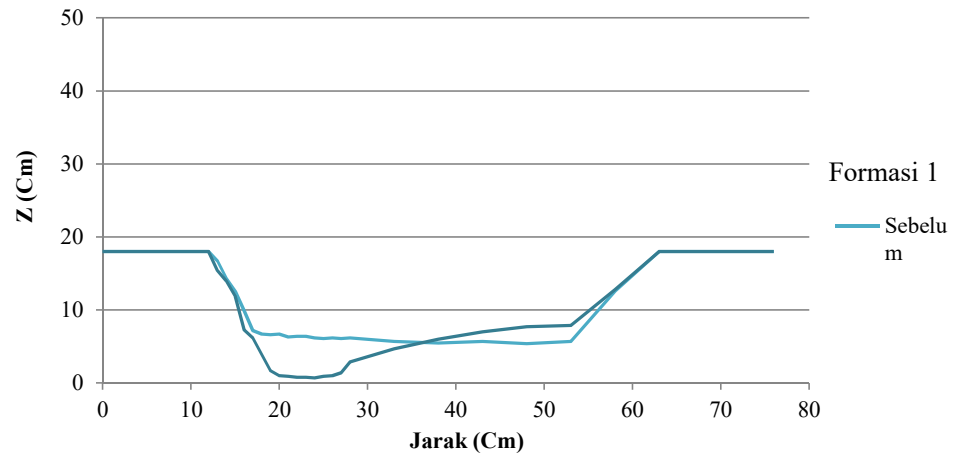


Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 14

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.7	15.4	16.6	16.8
8	14	14.4	14.0	15.4	15.5
9	15	12.6	11.9	14.0	13.6
10	16	9.9	7.3	11.5	10.5
11	17	7.2	6.2	9.7	6.0
12	18	6.7	3.9	7.3	4.9
13	19	6.6	1.7	6.6	4.2
14	20	6.7	1.0	6.5	3.7
15	21	6.3	0.9	6.4	3.7
16	22	6.4	0.8	6.4	3.6
17	23	6.4	0.8	6.2	3.2
18	24	6.2	0.7	6.1	2.8
19	25	6.1	0.9	6.1	2.7
20	26	6.2	1.0	6.1	2.2
21	27	6.1	1.4	6.0	2.0
22	28	6.2	2.9	6.0	2.9
23	33	5.7	4.7	5.6	4.0
24	38	5.5	6.0	5.5	4.9
25	43	5.7	7.0	5.5	5.6
26	48	5.4	7.7	5.4	7.0
27	53	5.7	7.9	5.5	7.8
28	58	12.6	12.8	12.5	12.3
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



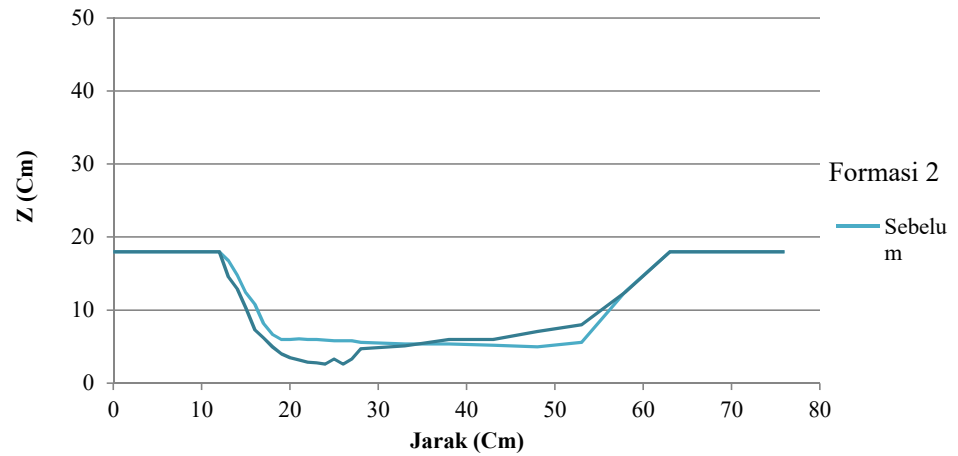
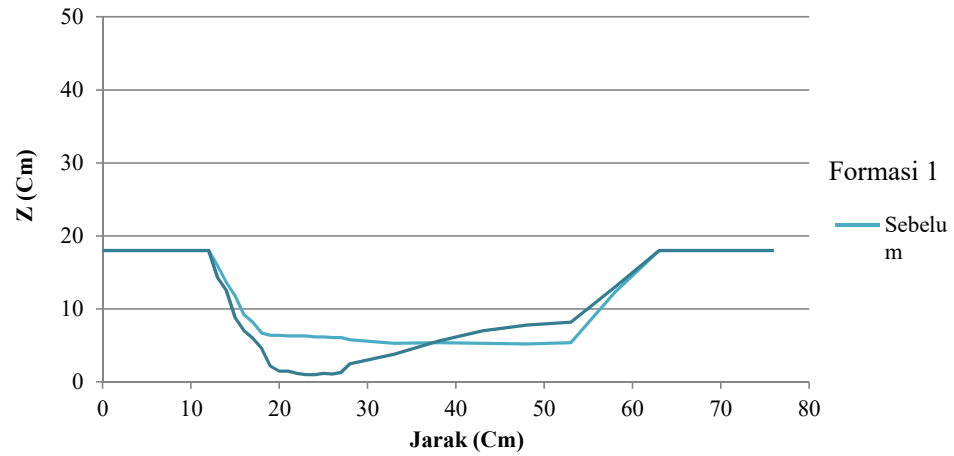
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 14

Sta. 15

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	15.9	14.3	16.8	14.6
8	14	13.7	12.6	14.8	12.9
9	15	11.8	8.8	12.4	10.3
10	16	9.2	7.0	10.8	7.3
11	17	8.2	6.0	8.2	6.2
12	18	6.7	4.6	6.7	5.0
13	19	6.4	2.2	6.0	4.0
14	20	6.4	1.5	6.0	3.5
15	21	6.3	1.5	6.1	3.2
16	22	6.3	1.2	6.0	2.9
17	23	6.3	1.0	6.0	2.8
18	24	6.2	1.0	5.9	2.6
19	25	6.2	1.2	5.8	3.3
20	26	6.1	1.1	5.8	2.6
21	27	6.1	1.3	5.8	3.3
22	28	5.8	2.5	5.6	4.7
23	33	5.3	3.8	5.4	5.1
24	38	5.4	5.6	5.4	6.0
25	43	5.3	7.0	5.2	6.0
26	48	5.2	7.8	5.0	7.1
27	53	5.4	8.2	5.6	8.0
28	58	12.3	13.0	12.6	12.5
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



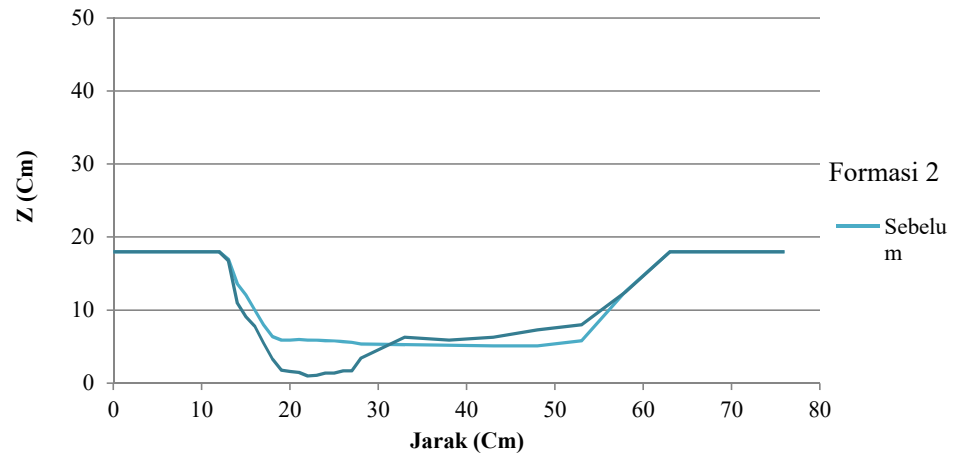
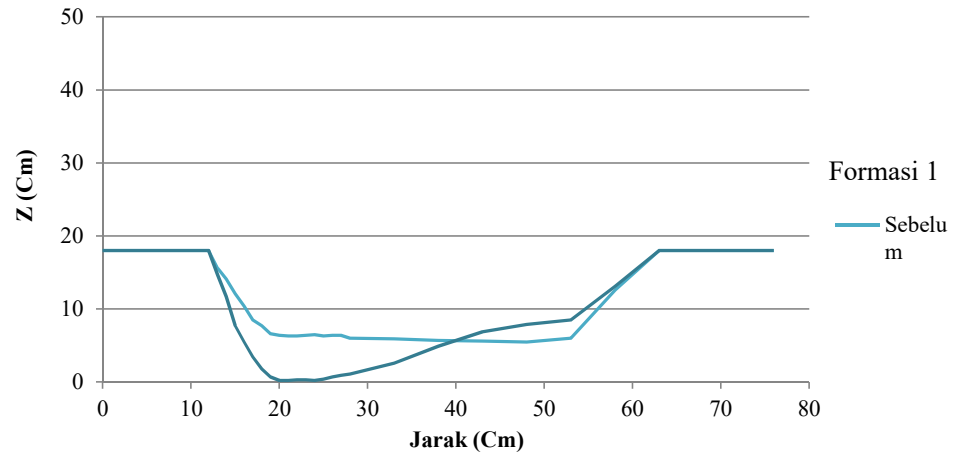
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 15

Sta. 16

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	15.6	14.7	17.0	16.8
8	14	14.1	11.7	13.6	11.0
9	15	12.1	7.7	12.1	9.1
10	16	10.4	5.5	10.0	7.8
11	17	8.5	3.4	8.0	5.5
12	18	7.7	1.8	6.4	3.3
13	19	6.6	0.7	5.9	1.8
14	20	6.4	0.2	5.9	1.6
15	21	6.3	0.2	6.0	1.5
16	22	6.3	0.3	5.9	1.0
17	23	6.4	0.3	5.9	1.1
18	24	6.5	0.2	5.8	1.4
19	25	6.3	0.4	5.8	1.4
20	26	6.4	0.7	5.7	1.7
21	27	6.4	0.9	5.6	1.7
22	28	6.0	1.1	5.4	3.4
23	33	5.9	2.6	5.3	6.3
24	38	5.7	4.9	5.2	5.9
25	43	5.6	6.9	5.1	6.3
26	48	5.5	7.9	5.1	7.3
27	53	6.0	8.5	5.8	8.0
28	58	12.6	13.1	12.6	12.5
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



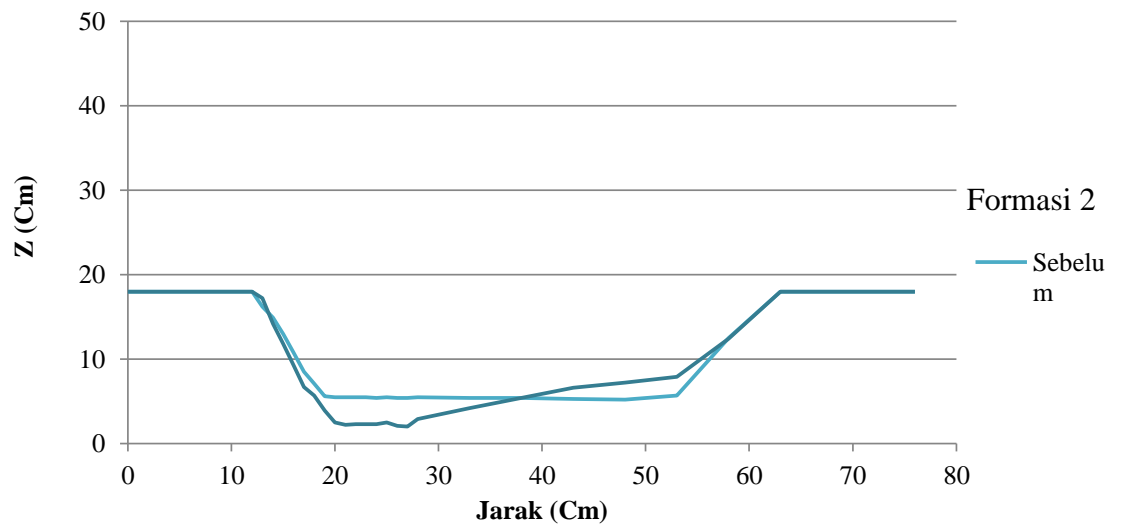
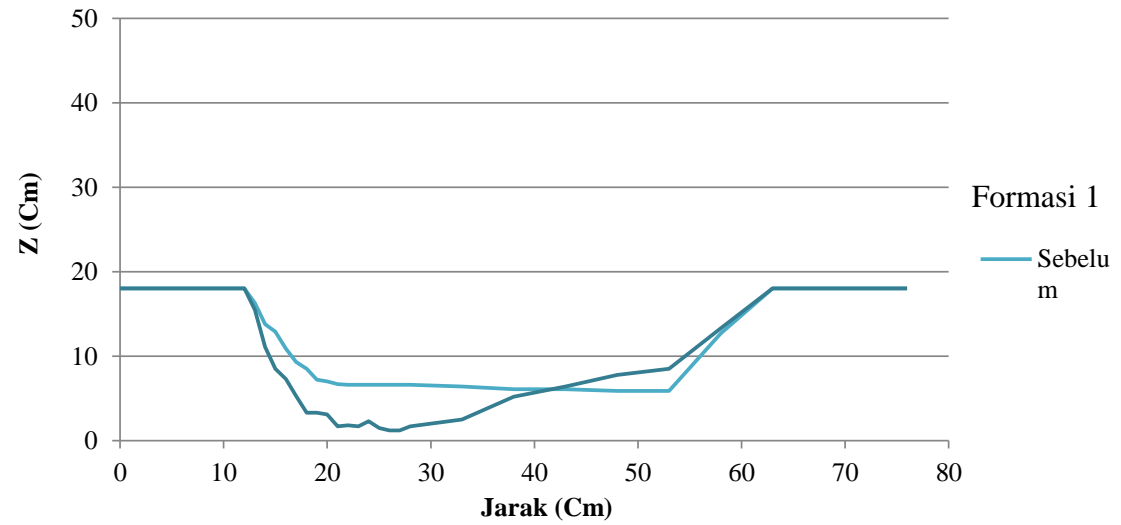
Zsb' : Z sebelum *running* formasi 1

Zsd' : Z sebelum *running* formasi 2

Sta. 16

Sta. 17

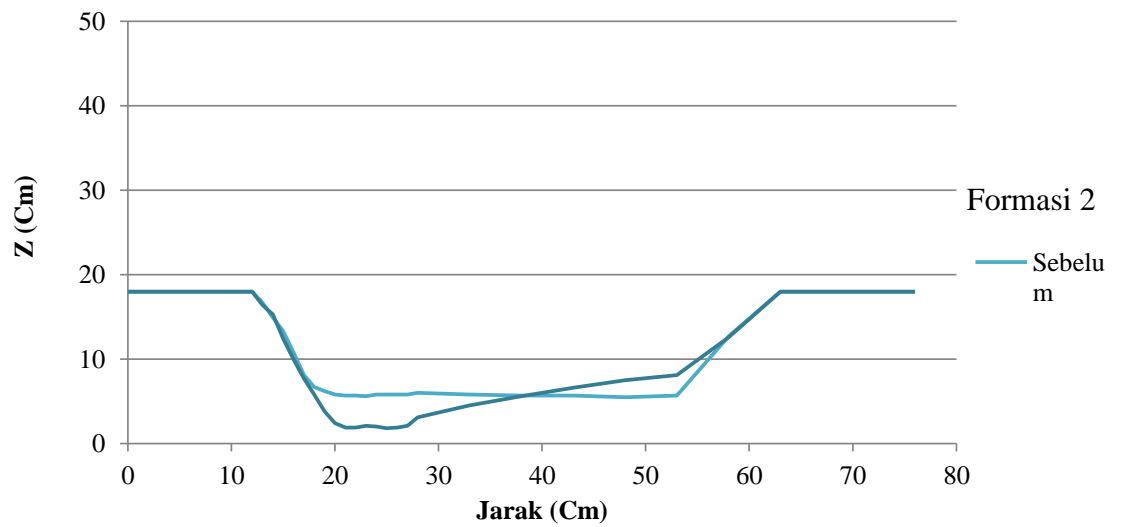
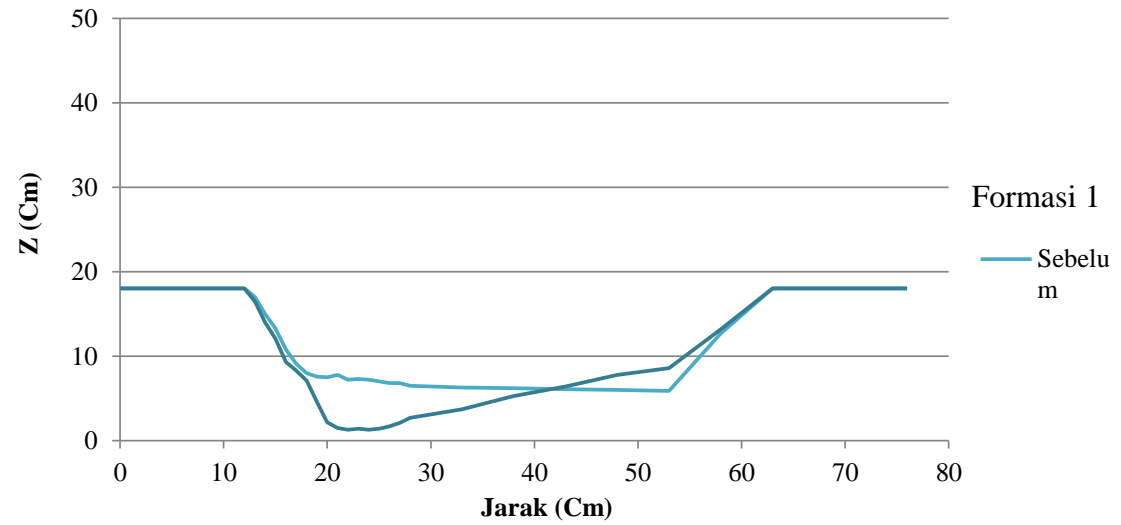
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.3	15.5	16.2	17.2
8	14	13.8	11.1	14.9	14.2
9	15	12.9	8.5	13.0	11.8
10	16	10.9	7.3	10.8	9.3
11	17	9.3	5.3	8.5	6.7
12	18	8.5	3.3	7.1	5.7
13	19	7.2	3.3	5.6	3.9
14	20	7.0	3.1	5.5	2.5
15	21	6.7	1.7	5.5	2.2
16	22	6.6	1.8	5.5	2.3
17	23	6.6	1.7	5.5	2.3
18	24	6.6	2.3	5.4	2.3
19	25	6.6	1.5	5.5	2.5
20	26	6.6	1.2	5.4	2.1
21	27	6.6	1.2	5.4	2.0
22	28	6.6	1.7	5.5	2.9
23	33	6.4	2.5	5.4	4.2
24	38	6.1	5.2	5.4	5.4
25	43	6.1	6.4	5.3	6.6
26	48	5.9	7.8	5.2	7.2
27	53	5.9	8.5	5.7	7.9
28	58	12.7	13.3	12.5	12.4
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 17

Sta. 18

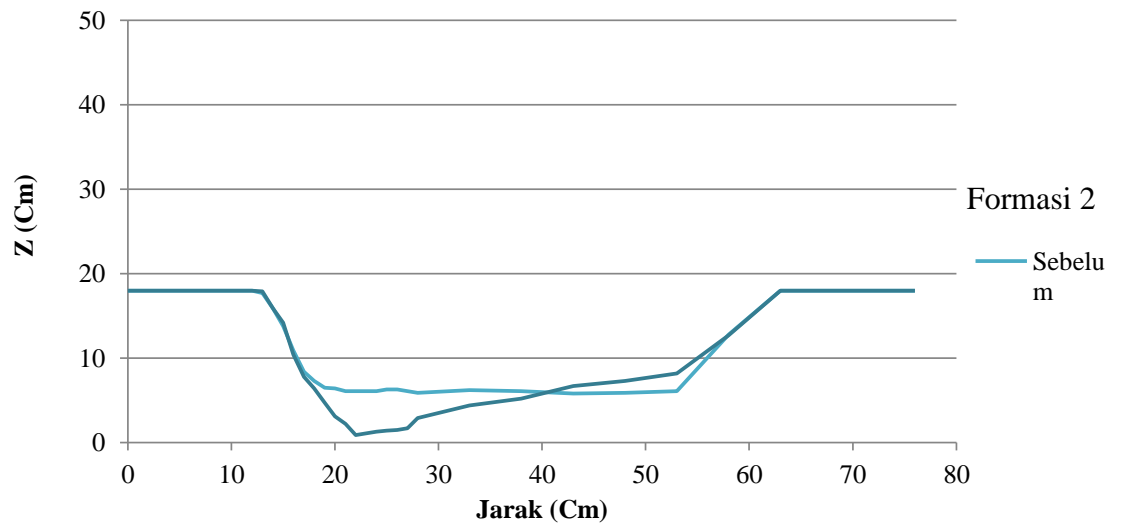
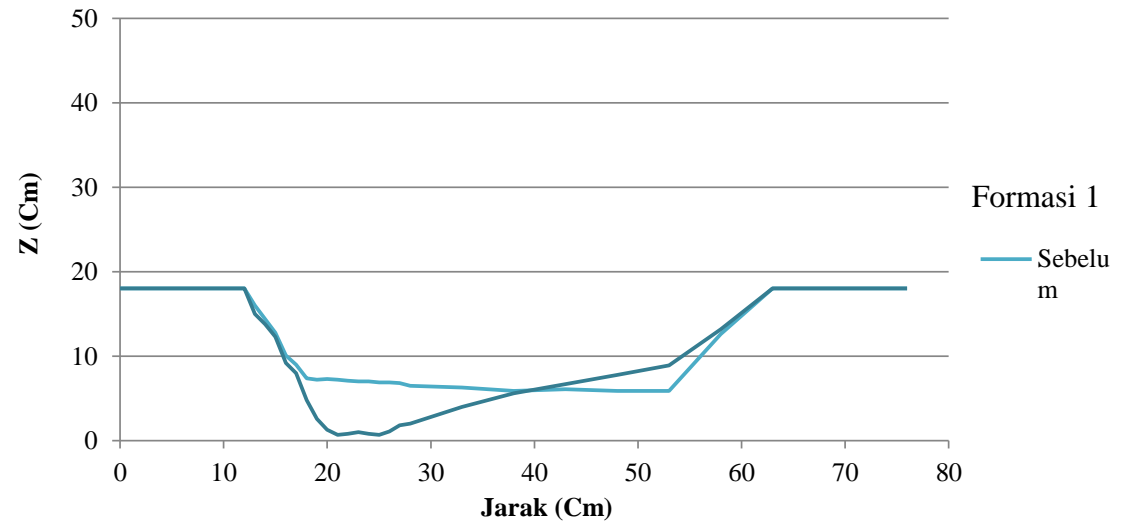
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	17.0	16.5	16.7	16.4
8	14	15.0	14.0	14.9	15.3
9	15	13.3	12.1	13.3	12.4
10	16	10.8	9.3	10.8	10.0
11	17	9.1	8.3	8.1	7.7
12	18	8.0	7.1	6.7	5.8
13	19	7.6	4.6	6.2	3.8
14	20	7.5	2.2	5.8	2.4
15	21	7.8	1.5	5.7	1.9
16	22	7.2	1.3	5.7	1.9
17	23	7.3	1.4	5.6	2.1
18	24	7.2	1.3	5.8	2.0
19	25	7.0	1.4	5.8	1.8
20	26	6.8	1.7	5.8	1.9
21	27	6.8	2.1	5.8	2.1
22	28	6.5	2.7	6.0	3.1
23	33	6.3	3.7	5.8	4.5
24	38	6.2	5.3	5.7	5.6
25	43	6.1	6.4	5.7	6.6
26	48	6.0	7.8	5.5	7.5
27	53	5.9	8.6	5.7	8.1
28	58	12.7	13.2	12.7	12.6
29	63	18.0	18.0	18.0	18.0
30	76	18.0	18.0	18.0	18.0



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 18

Sta. 19

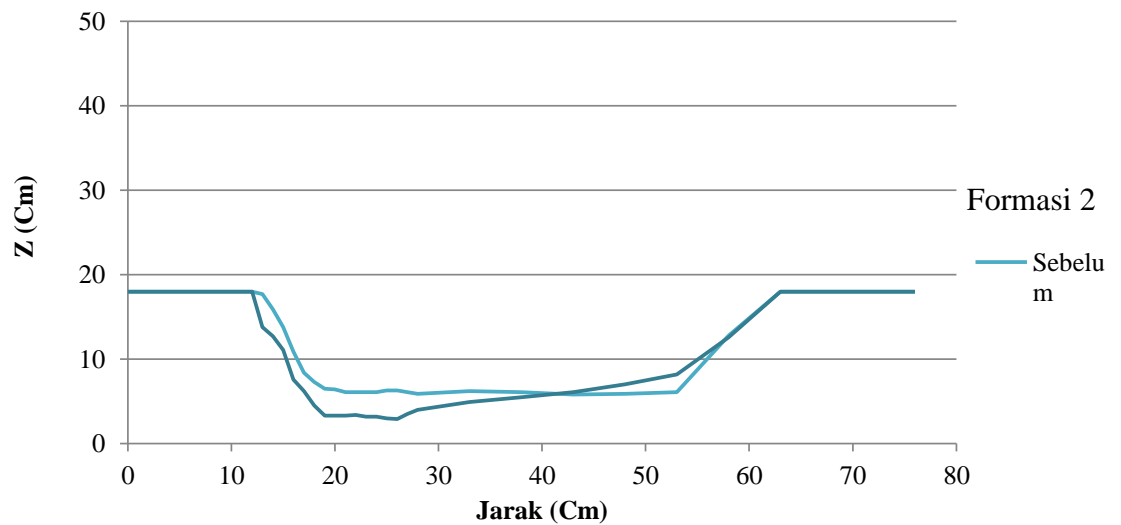
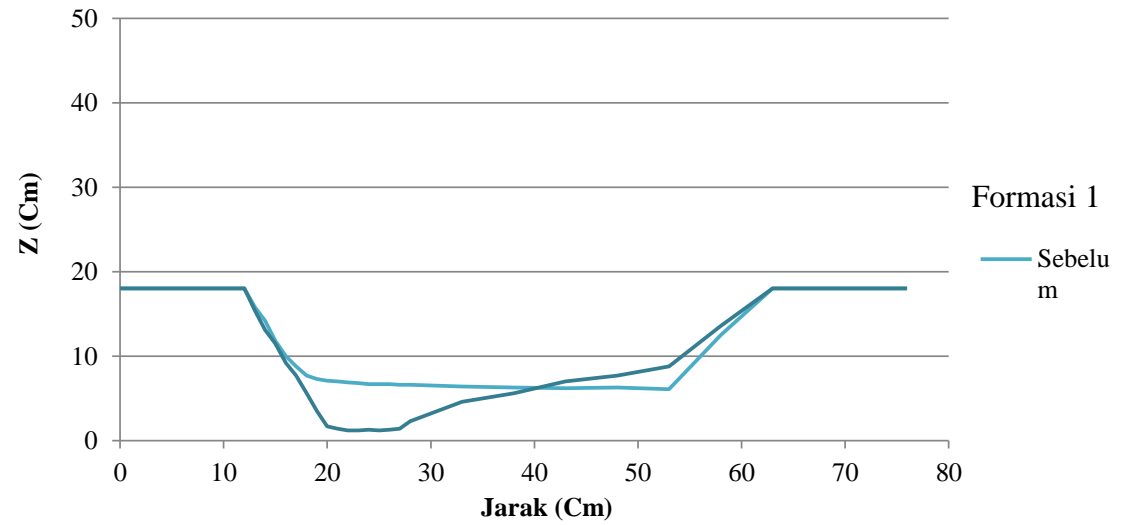
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.0	15.0	17.7	17.9
8	14	14.4	13.8	15.9	15.9
9	15	12.8	12.3	13.8	14.2
10	16	10.1	9.2	10.9	10.4
11	17	9.0	8.0	8.4	7.8
12	18	7.4	4.8	7.3	6.4
13	19	7.2	2.6	6.5	4.7
14	20	7.3	1.3	6.4	3.1
15	21	7.2	0.7	6.1	2.2
16	22	7.1	0.8	6.1	0.9
17	23	7.0	1.0	6.1	1.1
18	24	7.0	0.8	6.1	1.3
19	25	6.9	0.7	6.3	1.4
20	26	6.9	1.1	6.3	1.5
21	27	6.8	1.8	6.1	1.7
22	28	6.5	2.0	5.9	2.9
23	33	6.3	4.0	6.2	4.4
24	38	5.9	5.6	6.1	5.2
25	43	6.1	6.7	5.8	6.7
26	48	5.9	7.8	5.9	7.3
27	53	5.9	8.9	6.1	8.2
28	58	12.6	13.2	12.8	12.7
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 19

Sta. 20

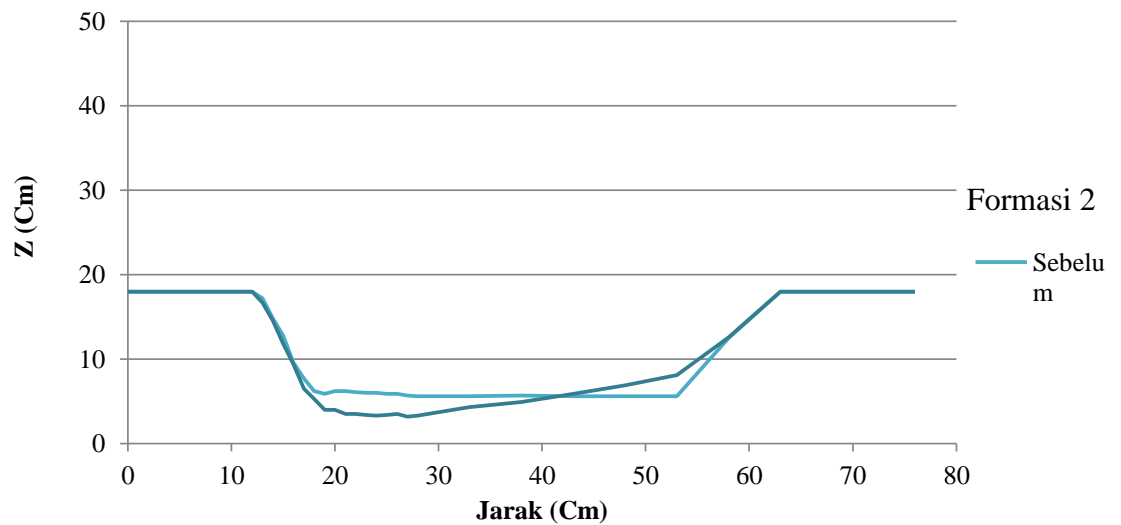
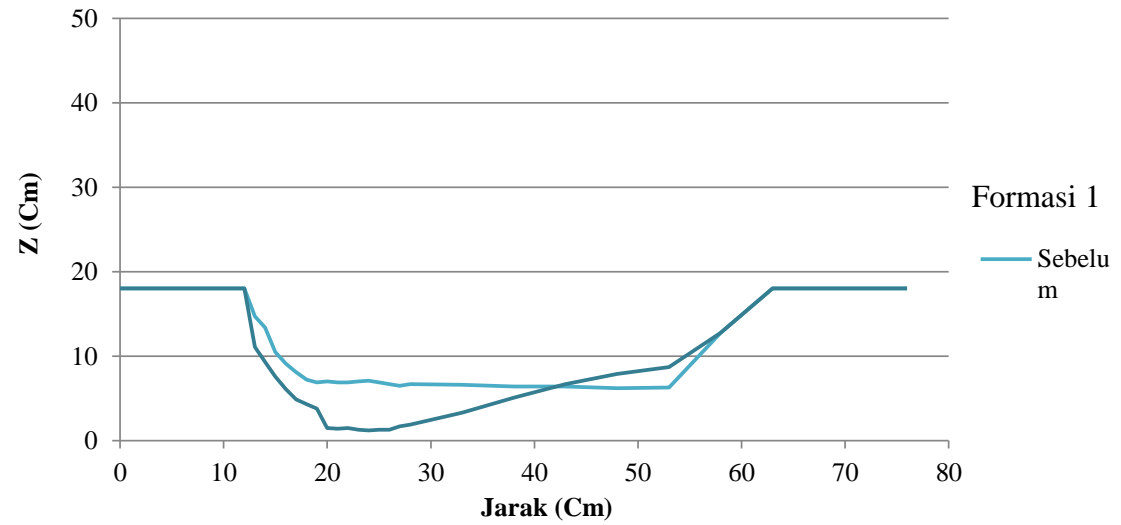
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	15.8	15.4	17.7	13.8
8	14	14.2	13.1	15.9	12.7
9	15	11.8	11.5	13.8	11.1
10	16	10.0	9.2	10.9	7.6
11	17	8.8	7.7	8.4	6.2
12	18	7.7	5.6	7.3	4.5
13	19	7.3	3.5	6.5	3.3
14	20	7.1	1.7	6.4	3.3
15	21	7.0	1.4	6.1	3.3
16	22	6.9	1.2	6.1	3.4
17	23	6.8	1.2	6.1	3.2
18	24	6.7	1.3	6.1	3.2
19	25	6.7	1.2	6.3	3
20	26	6.7	1.3	6.3	2.9
21	27	6.6	1.4	6.1	3.5
22	28	6.6	2.3	5.9	4
23	33	6.4	4.6	6.2	4.9
24	38	6.3	5.6	6.1	5.5
25	43	6.2	7.0	5.8	6.1
26	48	6.3	7.7	5.9	7
27	53	6.1	8.8	6.1	8.2
28	58	12.5	13.6	12.8	12.6
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 20

Sta. 21

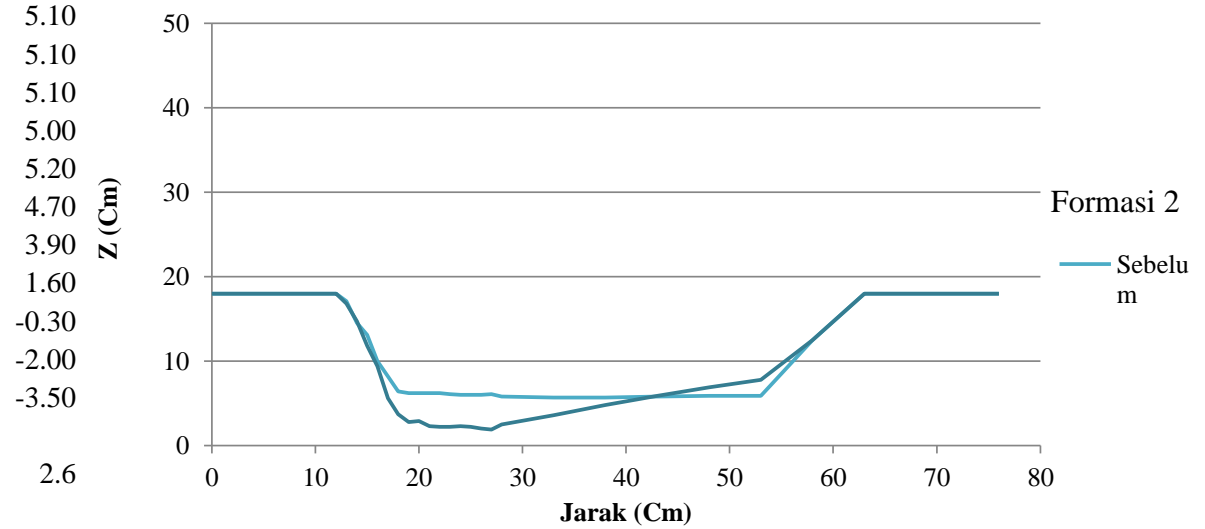
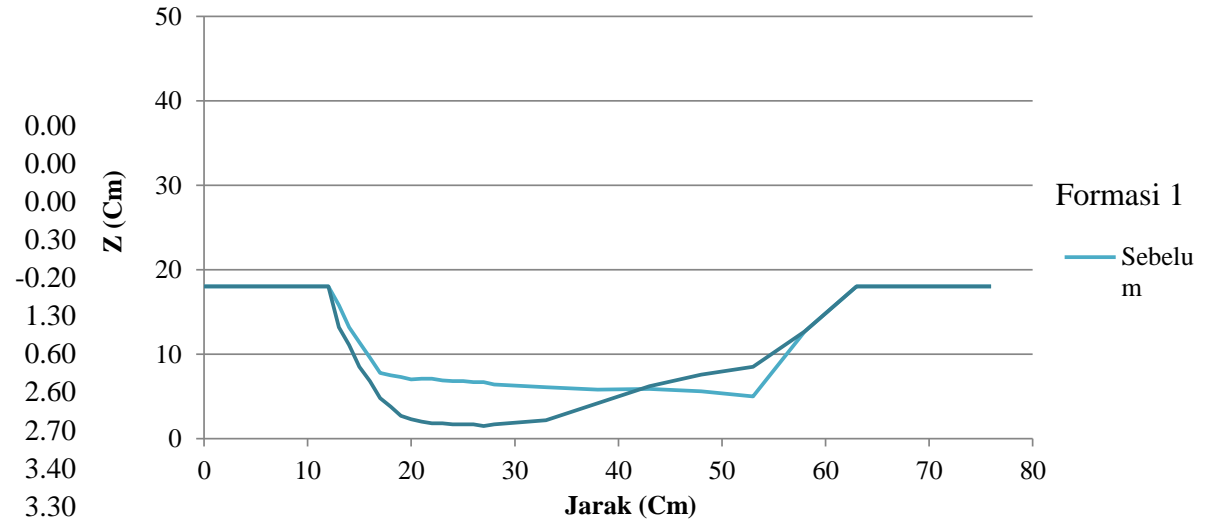
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	14.7	11.1	17.2	16.7
8	14	13.4	9.3	14.8	14.5
9	15	10.5	7.6	12.8	11.8
10	16	9.1	6.1	9.6	9.4
11	17	8.1	4.9	7.7	6.5
12	18	7.2	4.3	6.2	5.3
13	19	6.9	3.8	5.9	4
14	20	7.0	1.5	6.2	4
15	21	6.9	1.4	6.2	3.5
16	22	6.9	1.5	6.1	3.5
17	23	7.0	1.3	6.0	3.4
18	24	7.1	1.2	6.0	3.3
19	25	6.9	1.3	5.9	3.4
20	26	6.7	1.3	5.9	3.5
21	27	6.5	1.7	5.7	3.2
22	28	6.7	1.9	5.6	3.3
23	33	6.6	3.3	5.6	4.3
24	38	6.4	5.1	5.7	4.9
25	43	6.4	6.7	5.6	5.9
26	48	6.2	7.9	5.6	6.9
27	53	6.3	8.7	5.6	8.1
28	58	12.8	12.8	12.5	12.6
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 21

Sta. 22

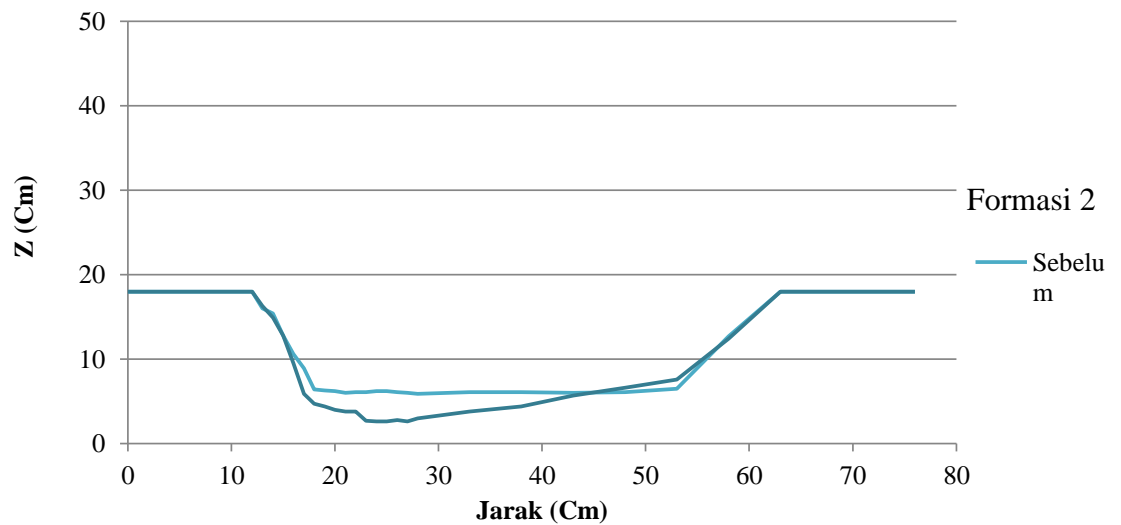
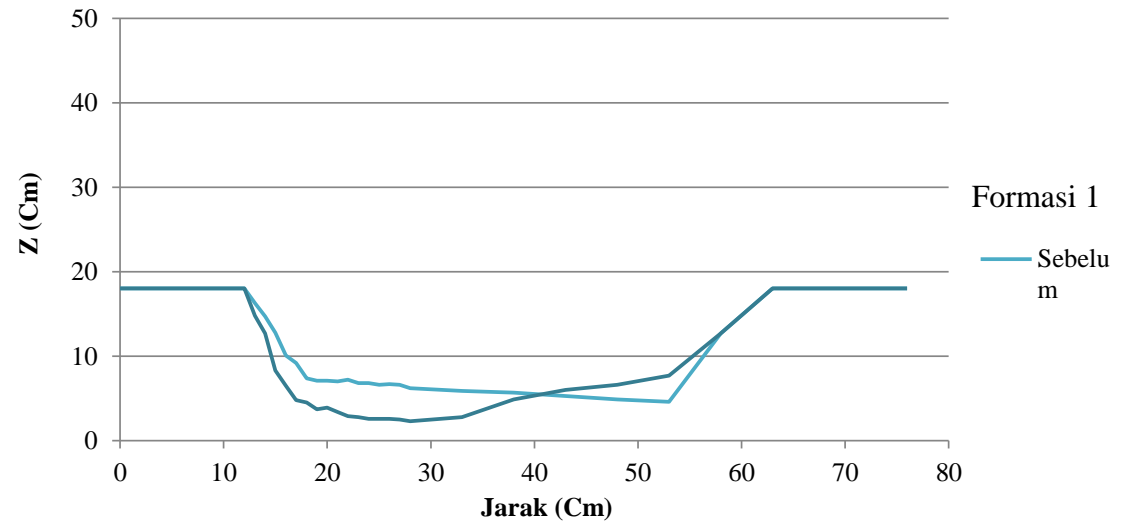
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	15.8	13.2	17.1	16.8
8	14	13.2	11.1	14.5	14.7
9	15	11.4	8.5	13.1	11.8
10	16	9.6	6.8	10.0	9.4
11	17	7.8	4.8	8.2	5.6
12	18	7.5	3.8	6.4	3.7
13	19	7.3	2.7	6.2	2.8
14	20	7.0	2.3	6.2	2.9
15	21	7.1	2.0	6.2	2.3
16	22	7.1	1.8	6.2	2.2
17	23	6.9	1.8	6.1	2.2
18	24	6.8	1.7	6.0	2.3
19	25	6.8	1.7	6.0	2.2
20	26	6.7	1.7	6.0	2
21	27	6.7	1.5	6.1	1.9
22	28	6.4	1.7	5.8	2.5
23	33	6.1	2.2	5.7	3.6
24	38	5.8	4.2	5.7	4.8
25	43	5.9	6.2	5.8	5.9
26	48	5.6	7.6	5.9	6.9
27	53	5.0	8.5	5.9	7.8
28	58	12.7	12.7	12.5	12.5
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 22

Sta. 23

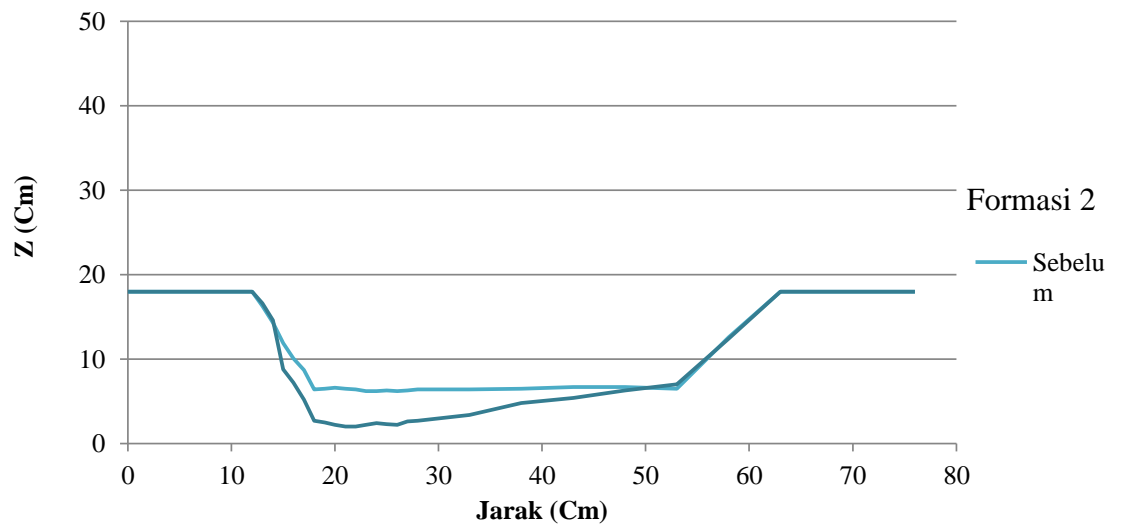
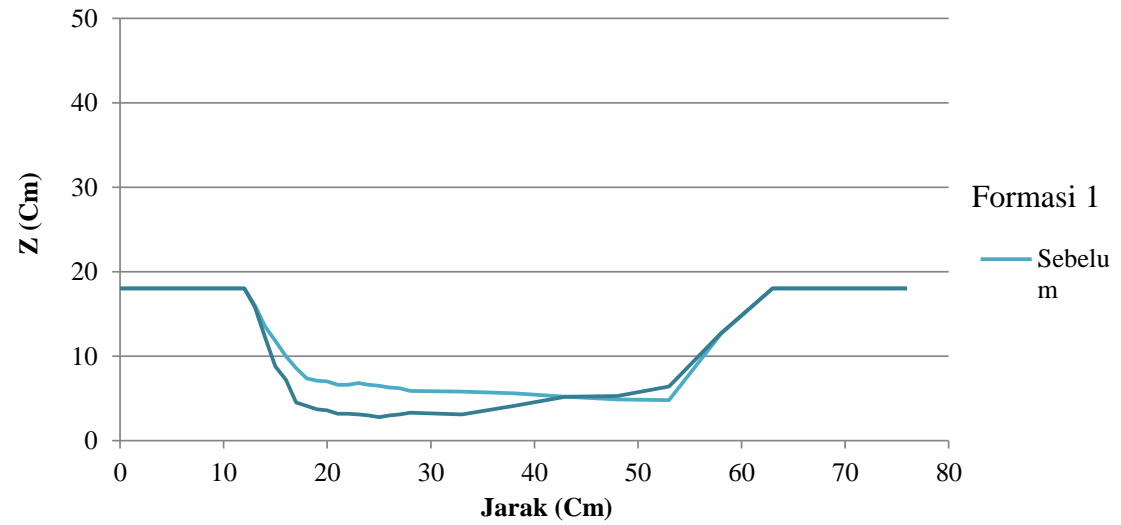
No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.3	14.8	16.0	16.3
8	14	14.7	12.7	15.4	14.9
9	15	12.8	8.3	12.8	12.8
10	16	10.1	6.5	10.6	9.5
11	17	9.2	4.8	8.9	5.9
12	18	7.4	4.5	6.4	4.7
13	19	7.1	3.7	6.3	4.4
14	20	7.1	3.9	6.2	4
15	21	7.0	3.4	6.0	3.8
16	22	7.2	2.9	6.1	3.8
17	23	6.8	2.8	6.1	2.7
18	24	6.8	2.6	6.2	2.6
19	25	6.6	2.6	6.2	2.6
20	26	6.7	2.6	6.1	2.8
21	27	6.6	2.5	6.0	2.6
22	28	6.2	2.3	5.9	3
23	33	5.9	2.8	6.1	3.8
24	38	5.7	4.9	6.1	4.4
25	43	5.3	6.0	6.0	5.7
26	48	4.9	6.6	6.1	6.6
27	53	4.6	7.7	6.5	7.6
28	58	12.7	12.7	12.7	12.4
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 23

Sta. 24

No	Jarak	Zsb'	Zsd'	Zsb''	Zsd''
1	0	18	18	18	18
2	8	18	18	18	18
3	9	18	18	18	18
4	10	18	18	18	18
5	11	18	18	18	18
6	12	18	18	18	18
7	13	16.0	15.8	16.3	16.6
8	14	13.5	12.2	14.3	14.6
9	15	11.8	8.8	11.9	8.8
10	16	10.0	7.2	10.1	7.2
11	17	8.6	4.5	8.7	5.2
12	18	7.4	4.1	6.4	2.7
13	19	7.1	3.7	6.5	2.5
14	20	7.0	3.6	6.6	2.2
15	21	6.6	3.2	6.5	2
16	22	6.6	3.2	6.4	2
17	23	6.8	3.1	6.2	2.2
18	24	6.6	3.0	6.2	2.4
19	25	6.5	2.8	6.3	2.3
20	26	6.3	3.0	6.2	2.2
21	27	6.2	3.1	6.3	2.6
22	28	5.9	3.3	6.4	2.7
23	33	5.8	3.1	6.4	3.4
24	38	5.6	4.1	6.5	4.8
25	43	5.2	5.2	6.7	5.4
26	48	4.9	5.3	6.7	6.3
27	53	4.8	6.4	6.5	7
28	58	12.6	12.7	12.6	12.4
29	63	18.0	18.0	18.0	18
30	76	18.0	18.0	18.0	18



Zsb' : Z sebelum *running* formasi 1
 Zsd' : Z sebelum *running* formasi 2
 Sta. 24