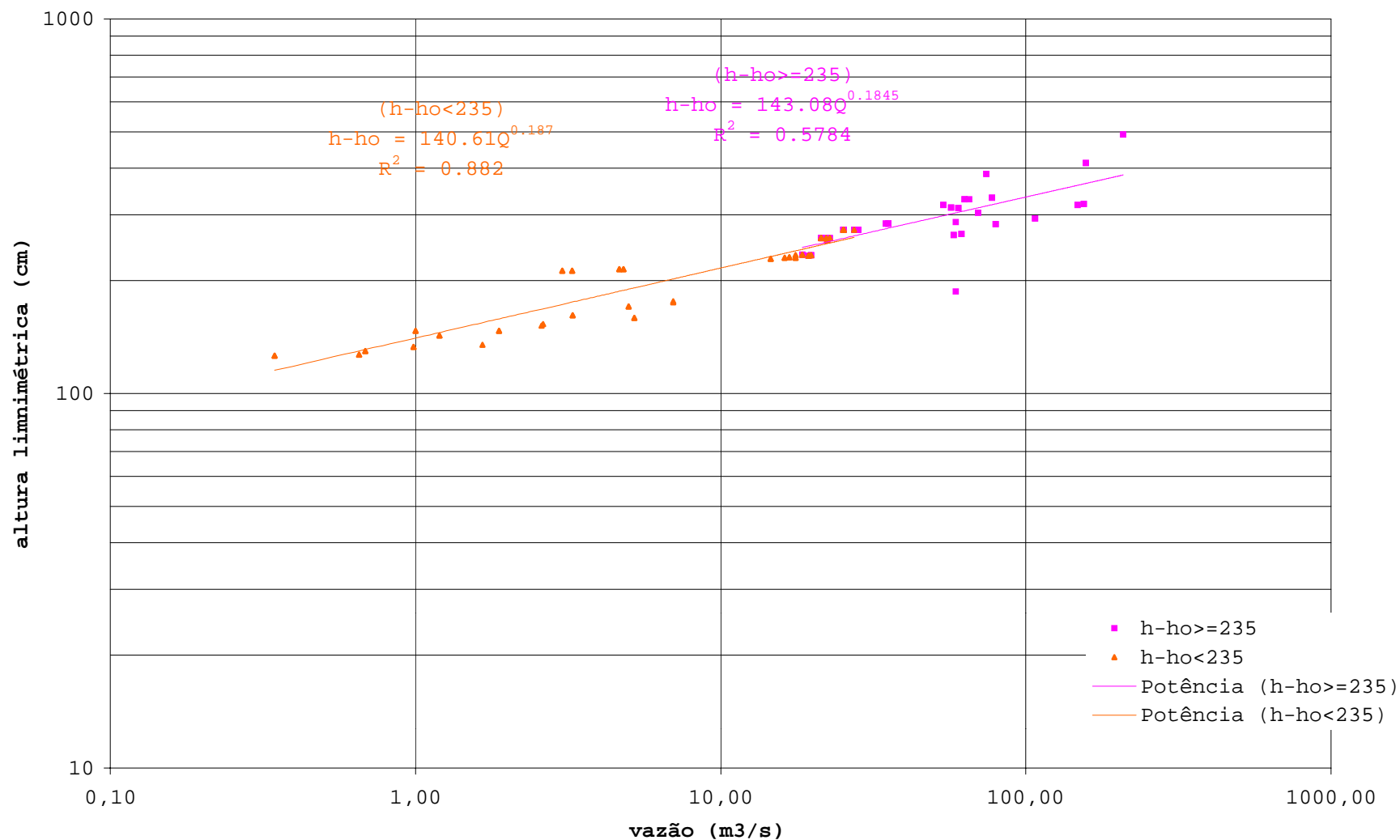
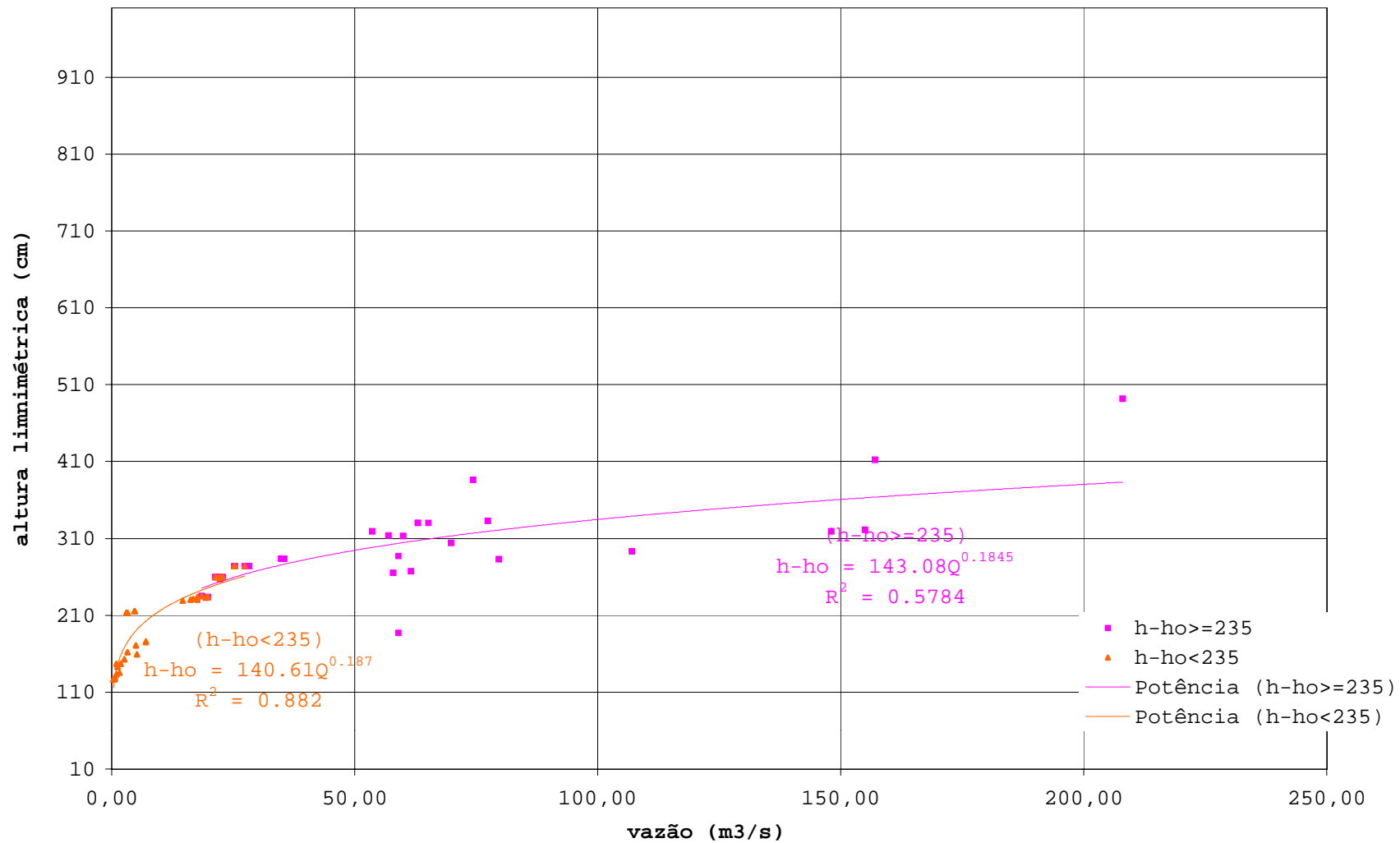


# RIO ESPINHARAS EM SERRA NEGRA DO NORTE (Faz.) - (37440000) CURVA-CHAVE



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## RIO ESPINHARAS EM SERRA NEGRA DO NORTE

Código: 37440000

### CURVAS-CHAVE

Período	ho (cm)
1/1/1921 a 31/12/1969	-230,0
1/1/1970 a 31/12/1982	-105,0
1/1/1983 a 30/4/98	13,0

Parâmetros $Q [m^3/s] = a (h-ho)^c$	a (m)	c (ad.)
$(h-ho) < 235$	3,260E-12	5,348
$(h-ho) \geq 235$	2,073E-12	5,420

### MEDIÇÕES DE DESCARGA NO POSTO FLUVIOMÉTRICO SERRA NEGRA DO NORTE

Data da Campanha	cota (cm)	vazão (m³/s)	velocidade média (m/s)	área (m²)	largura (m)	profund. (m)
03/30/35	100	65,200	0,769	84,800	116,000	0,730
03/30/35	100	63,000	0,761	82,800	116,000	0,710
05/16/38	54	34,800	0,685	50,800	115,000	0,440
05/16/38	54	35,400	0,658	53,800	115,000	0,470
05/16/38	54	35,500	0,660	53,800	115,000	0,470
05/16/38	44	28,200	0,613	46,000	115,000	0,400
05/16/38	44	25,300	0,550	46,000	115,000	0,400
05/16/38	44	25,200	0,548	46,000	115,000	0,400
05/16/38	44	27,400	0,596	46,000	115,000	0,400
05/17/38	30	22,200	0,597	37,200	110,000	0,340
05/17/38	30	22,800	0,613	37,200	110,000	0,340
05/17/38	30	21,300	0,573	37,200	110,000	0,340
05/17/38	30	21,400	0,575	37,200	110,000	0,340
01/23/70	130	18,500	0,596	31,040	43,500	0,710
01/23/70	129	17,600	0,582	30,250	43,200	0,700
03/03/70	110	4,660	0,359	12,970	34,200	0,380
03/03/70	110	4,810	0,370	13,000	34,200	0,380
03/16/70	162	61,600	0,797	77,300	69,000	1,120
03/16/70	160	57,900	0,768	75,340	69,000	1,090
03/17/70	129	19,800	0,640	30,940	66,000	0,470
03/17/70	128	19,400	0,637	30,470	66,000	0,460
03/17/70	126	16,800	0,567	29,620	66,000	0,450
03/17/70	125	17,600	0,626	28,120	66,000	0,430
04/27/70	108	3,260	0,338	9,650	24,500	0,390
04/27/70	108	3,030	0,317	9,550	24,500	0,390
03/23/71	124	14,600	0,609	23,980	40,100	0,600
03/23/71	125	16,200	0,650	24,920	40,100	0,620
03/30/71	216	155,000	0,989	156,800	71,300	2,200
03/30/71	214	148,000	0,986	150,100	71,300	2,100
03/31/71	188	107,000	0,888	120,500	70,400	1,710
03/31/71	178	79,600	0,759	104,800	69,500	1,510
04/13/83	156	1,200	0,229	5,230	14,000	0,370
04/17/84	317	69,800	0,622	112,200	131,000	0,860
05/17/84	184	5,000	0,511	9,790	20,000	0,490
03/02/85	399	74,300	0,485	153,300	84,000	1,820
04/16/85	505	208,000	0,893	232,900	122,000	1,910
04/17/85	425	157,000	0,805	195,100	116,000	1,680

Data da Campanha	cota (cm)	vazão (m³/s)	velocidade média (m/s)	área (m²)	largura (m)	profund. (m)
04/19/85	346	77,400	0,590	131,200	112,000	1,170
05/11/85	270	22,300	0,469	47,560	56,000	0,850
07/18/85	160	1,880	0,770	2,440	17,500	0,140
04/25/86	332	53,600	0,577	92,860	85,000	1,090
05/21/86	172	5,210	0,275	18,930	29,000	0,650
07/21/86	139	0,346	0,051	6,800	20,800	0,330
04/24/87	146	0,985	0,174	5,650	14,500	0,390
04/15/88	326	60,000	0,547	109,600	96,000	1,140
05/13/88	175	3,270	0,395	8,280	22,000	0,380
04/13/89	327	56,900	0,597	95,330	88,000	1,080
06/17/89	160	1,000	0,204	4,890	20,500	0,240
03/09/94	200	59,000	0,683	86,470	92,000	0,910
06/14/94	140	0,654	0,132	4,940	18,500	0,270
04/27/95	148	1,660	0,528	3,140	13,000	0,240
04/18/96	166	2,620	0,432	6,050	18,500	0,330
04/18/96	165	2,590	0,425	6,100	18,500	0,330
03/27/97	189	6,990	0,641	10,900	20,000	0,550
05/31/97	143	0,685	0,266	2,090	8,000	0,280
03/27/97	188	6,990	0,641	10,900	20,000	0,550
05/31/97	143	0,685	0,266	2,090	8,000	0,280
03/30/35	100	63,000	0,761	82,800	116,000	0,710
05/16/38	54	34,800	0,685	50,800	115,000	0,440
05/16/38	54	35,400	0,658	53,800	115,000	0,470
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