	UNIDADE CMA	Gerência de Hidrogeologia e Geotecnia		
BARRAGENS A0, A, B1/B4 INFORME SOBRE AVALIAÇÃO DO GRAU DE UMIDADE E NÍVEL DE ÁGUA Período de referência: 01/04/2022 a 30/09/2022		MOSAIC FERTILIZANTES		REV.
		MOS - RT - CMA - 005		0

REVISÕES

Rev.	TE	Descrição	Por	Rev.	Ver.	Apr.	Data
A	C	Emissão Inicial	ILG			RT	17/11/22

EQUIPE DO PROJETO

Profissional

Assinatura

Aprovado por: Igor Leonardo Gama

DocuSigned by:



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1 – INTRODUÇÃO

Recente lei estadual nº 23.291 de fevereiro de 2019 art. 12 determina que sejam apresentadas em site específico, as seguintes informações:

Resultados das análises e dos acompanhamentos do grau de umidade e do nível de água da barragem e a Respectiva ART

2 – OBJETIVOS

O objetivo deste documento é apresentar o monitoramento realizado no período de abril de 2022 a setembro de 2022 para as barragens A0, A, e B1/B4 e demonstrar a interpretação da medição dos instrumentos.

3 – APRESENTAÇÃO DOS DADOS DE LEITURAS DOS INSTRUMENTOS

As leituras são realizadas por equipe própria qualificada para o monitoramento, a atividade segue como diretrizes o manual de operação das Barragens. A identificação dos instrumentos e registro das leituras estão indicadas no Anexo 1. No Anexo II é apresentado o monitoramento do nível de água dos reservatórios. No Anexo III encontra-se a ART de monitoramento das barragens do complexo.

4 – ANÁLISE DAS LEITURAS

Baseado nos níveis d'água dos Indicadores dos Níveis de Água (INAs) e Piezômetros (PZs), conclui-se para o período de análise que o nível de água interno do maciço das barragens A0, A, e B1/B4, apresenta comportamento normal, com tendência de estabilização dos níveis, com variações pontuais associadas ao regime de chuvas.

Com relação ao nível de água dos reservatórios todas as estruturas se encontram em condições satisfatórias de segurança hidráulica atendendo as recomendações propostas pela normatização vigente.

ANEXO I

REGISTROS DAS LEITURAS DOS PIEZÔMETROS e INDICADOR DE NÍVEL DE ÁGUA

Abril 2022 a Setembro 2022

Barragem A – INA

DATA	INA 701	DATA	INA 701	DATA	INA 701	DATA	INA 701
1/4/22 9:00	s	14/4/22 9:00	s	27/4/22 9:00	s	10/5/22 9:00	s
1/4/22 21:00	s	14/4/22 21:00	s	27/4/22 21:00	s	10/5/22 21:00	s
2/4/22 9:00	s	15/4/22 9:00	s	28/4/22 9:00	s	11/5/22 9:00	s
2/4/22 21:00	s	15/4/22 21:00	s	28/4/22 21:00	s	11/5/22 21:00	s
3/4/22 9:00	s	16/4/22 9:00	s	29/4/22 9:00	s	12/5/22 9:00	s
3/4/22 21:00	s	16/4/22 21:00	s	29/4/22 21:00	s	12/5/22 21:00	s
4/4/22 9:00	s	17/4/22 9:00	s	30/4/22 9:00	s	13/5/22 9:00	s
4/4/22 21:00	s	17/4/22 21:00	s	30/4/22 21:00	s	13/5/22 21:00	s
5/4/22 9:00	s	18/4/22 9:00	s	1/5/22 9:00	s	14/5/22 9:00	s
5/4/22 21:00	s	18/4/22 21:00	s	1/5/22 21:00	s	14/5/22 21:00	s
6/4/22 9:00	s	19/4/22 9:00	s	2/5/22 9:00	s	15/5/22 9:00	s
6/4/22 21:00	s	19/4/22 21:00	s	2/5/22 21:00	s	15/5/22 21:00	s
7/4/22 9:00	s	20/4/22 9:00	s	3/5/22 9:00	s	16/5/22 9:00	s
7/4/22 21:00	s	20/4/22 21:00	s	3/5/22 21:00	s	16/5/22 21:00	s
8/4/22 9:00	s	21/4/22 9:00	s	4/5/22 9:00	s	17/5/22 9:00	s
8/4/22 21:00	s	21/4/22 21:00	s	4/5/22 21:00	s	17/5/22 21:00	s
9/4/22 9:00	s	22/4/22 9:00	s	5/5/22 9:00	s	18/5/22 9:00	s
9/4/22 21:00	s	22/4/22 21:00	s	5/5/22 21:00	s	18/5/22 21:00	s
10/4/22 9:00	s	23/4/22 9:00	s	6/5/22 9:00	s	19/5/22 9:00	s
10/4/22 21:00	s	23/4/22 21:00	s	6/5/22 21:00	s	19/5/22 21:00	s
11/4/22 9:00	s	24/4/22 9:00	s	7/5/22 9:00	s	20/5/22 9:00	s
11/4/22 21:00	s	24/4/22 21:00	s	7/5/22 21:00	s	20/5/22 21:00	s
12/4/22 9:00	s	25/4/22 9:00	s	8/5/22 9:00	s	21/5/22 9:00	s
12/4/22 21:00	s	25/4/22 21:00	s	8/5/22 21:00	s	21/5/22 21:00	s
13/4/22 9:00	s	26/4/22 9:00	s	9/5/22 9:00	s	22/5/22 9:00	s
13/4/22 21:00	s	26/4/22 21:00	s	9/5/22 21:00	s	22/5/22 21:00	s

23/5/22 9:00	s	8/6/22 21:00	s	24/6/22 21:00	s	10/7/22 21:00	s
23/5/22 21:00	s	9/6/22 9:00	s	25/6/22 9:00	s	11/7/22 9:00	s
24/5/22 9:00	s	9/6/22 21:00	s	25/6/22 21:00	s	11/7/22 21:00	s
24/5/22 21:00	s	10/6/22 9:00	s	26/6/22 9:00	s	12/7/22 9:00	s
25/5/22 9:00	s	10/6/22 21:00	s	26/6/22 21:00	s	12/7/22 21:00	s
25/5/22 21:00	s	11/6/22 9:00	s	27/6/22 9:00	s	13/7/22 9:00	s
26/5/22 9:00	s	11/6/22 21:00	s	27/6/22 21:00	s	13/7/22 21:00	s
26/5/22 21:00	s	12/6/22 9:00	s	28/6/22 9:00	s	14/7/22 9:00	s
27/5/22 9:00	s	12/6/22 21:00	s	28/6/22 21:00	s	14/7/22 21:00	s
27/5/22 21:00	s	13/6/22 9:00	s	29/6/22 9:00	s	15/7/22 9:00	s
28/5/22 9:00	s	13/6/22 21:00	s	29/6/22 21:00	s	15/7/22 21:00	s
28/5/22 21:00	s	14/6/22 9:00	s	30/6/22 9:00	s	16/7/22 9:00	s
29/5/22 9:00	s	14/6/22 21:00	s	30/6/22 21:00	s	16/7/22 21:00	s
29/5/22 21:00	s	15/6/22 9:00	s	1/7/22 9:00	s	17/7/22 9:00	s
30/5/22 9:00	s	15/6/22 21:00	s	1/7/22 21:00	s	17/7/22 21:00	s
30/5/22 21:00	s	16/6/22 9:00	s	2/7/22 9:00	s	18/7/22 9:00	s
31/5/22 9:00	s	16/6/22 21:00	s	2/7/22 21:00	s	18/7/22 21:00	s
31/5/22 21:00	s	17/6/22 9:00	s	3/7/22 9:00	s	19/7/22 9:00	s
1/6/22 9:00	s	17/6/22 21:00	s	3/7/22 21:00	s	19/7/22 21:00	s
1/6/22 21:00	s	18/6/22 9:00	s	4/7/22 9:00	s	20/7/22 9:00	s
2/6/22 9:00	s	18/6/22 21:00	s	4/7/22 21:00	s	20/7/22 21:00	s
2/6/22 21:00	s	19/6/22 9:00	s	5/7/22 9:00	s	21/7/22 9:00	s
3/6/22 9:00	s	19/6/22 21:00	s	5/7/22 21:00	s	21/7/22 21:00	s
3/6/22 21:00	s	20/6/22 9:00	s	6/7/22 9:00	s	22/7/22 9:00	s
4/6/22 9:00	s	20/6/22 21:00	s	6/7/22 21:00	s	22/7/22 21:00	s
4/6/22 21:00	s	21/6/22 9:00	s	7/7/22 9:00	s	23/7/22 9:00	s
5/6/22 9:00	s	21/6/22 21:00	s	7/7/22 21:00	s	23/7/22 21:00	s
5/6/22 21:00	s	22/6/22 9:00	s	8/7/22 9:00	s	24/7/22 9:00	s
6/6/22 9:00	s	22/6/22 21:00	s	8/7/22 21:00	s	24/7/22 21:00	s
6/6/22 21:00	s	23/6/22 9:00	s	9/7/22 9:00	s	25/7/22 9:00	s
7/6/22 9:00	s	23/6/22 21:00	s	9/7/22 21:00	s	25/7/22 21:00	s
7/6/22 21:00	s	24/6/22 9:00	s	10/7/22 9:00	s	26/7/22 9:00	s

26/7/22 21:00	s	11/8/22 21:00	s	27/8/22 21:00	s	13/9/22 9:00	s
27/7/22 9:00	s	12/8/22 9:00	s	28/8/22 9:00	s	13/9/22 21:00	s
27/7/22 21:00	s	12/8/22 21:00	s	28/8/22 21:00	s	14/9/22 9:00	s
28/7/22 9:00	s	13/8/22 9:00	s	29/8/22 9:00	s	14/9/22 21:00	s
28/7/22 21:00	s	13/8/22 21:00	s	29/8/22 21:00	s	15/9/22 9:00	s
29/7/22 9:00	s	14/8/22 9:00	s	30/8/22 9:00	s	15/9/22 21:00	s
29/7/22 21:00	s	14/8/22 21:00	s	30/8/22 21:00	s	16/9/22 9:00	s
30/7/22 9:00	s	15/8/22 9:00	s	31/8/22 9:00	s	16/9/22 21:00	s
30/7/22 21:00	s	15/8/22 21:00	s	31/8/22 21:00	s	17/9/22 9:00	s
31/7/22 9:00	s	16/8/22 9:00	s	1/9/22 9:00	s	17/9/22 21:00	s
31/7/22 21:00	s	16/8/22 21:00	s	1/9/22 21:00	s	18/9/22 9:00	s
1/8/22 9:00	s	17/8/22 9:00	s	2/9/22 9:00	s	18/9/22 21:00	s
1/8/22 21:00	s	17/8/22 21:00	s	2/9/22 21:00	s	19/9/22 9:00	s
2/8/22 9:00	s	18/8/22 9:00	s	3/9/22 9:00	s	19/9/22 21:00	s
2/8/22 21:00	s	18/8/22 21:00	s	3/9/22 21:00	s	20/9/22 9:00	s
3/8/22 9:00	s	19/8/22 9:00	s	4/9/22 9:00	s	20/9/22 21:00	s
3/8/22 21:00	s	19/8/22 21:00	s	4/9/22 21:00	s	21/9/22 9:00	s
4/8/22 9:00	s	20/8/22 9:00	s	5/9/22 9:00	s	21/9/22 21:00	s
4/8/22 21:00	s	20/8/22 21:00	s	5/9/22 21:00	s	22/9/22 9:00	s
5/8/22 9:00	s	21/8/22 9:00	s	6/9/22 9:00	s	22/9/22 21:00	s
5/8/22 21:00	s	21/8/22 21:00	s	6/9/22 21:00	s	23/9/22 9:00	s
6/8/22 9:00	s	22/8/22 9:00	s	7/9/22 9:00	s	23/9/22 21:00	s
6/8/22 21:00	s	22/8/22 21:00	s	7/9/22 21:00	s	24/9/22 9:00	s
7/8/22 9:00	s	23/8/22 9:00	s	8/9/22 9:00	s	24/9/22 21:00	s
7/8/22 21:00	s	23/8/22 21:00	s	9/9/22 9:00	s	25/9/22 9:00	s
8/8/22 9:00	s	24/8/22 9:00	s	9/9/22 21:00	s	25/9/22 21:00	s
8/8/22 21:00	s	24/8/22 21:00	s	10/9/22 9:00	s	26/9/22 9:00	s
9/8/22 9:00	s	25/8/22 9:00	s	10/9/22 21:00	s	26/9/22 21:00	s
9/8/22 21:00	s	25/8/22 21:00	s	11/9/22 9:00	s	27/9/22 9:00	s
10/8/22 9:00	s	26/8/22 9:00	s	11/9/22 21:00	s	27/9/22 21:00	s
10/8/22 21:00	s	26/8/22 21:00	s	12/9/22 9:00	s	28/9/22 9:00	s
11/8/22 9:00	s	27/8/22 9:00	s	12/9/22 21:00	s	28/9/22 21:00	s

29/9/22 9:00	s
29/9/22 21:00	s
30/9/22 9:00	s
30/9/22 21:00	s

Barragem A - PZ

z	PZ-702	PZ-703
1/4/22 9:00	10,97	10,01
1/4/22 21:00	10,97	10,01
2/4/22 9:00	10,84	10,02
2/4/22 21:00	10,84	9,99
3/4/22 9:00	10,91	9,97
3/4/22 21:00	10,93	9,98
4/4/22 9:00	10,93	9,98
4/4/22 21:00	10,92	9,98
5/4/22 9:00	10,92	9,98
5/4/22 21:00	10,92	9,98
6/4/22 9:00	10,91	9,98
6/4/22 21:00	10,92	9,97
7/4/22 9:00	10,91	9,97
7/4/22 21:00	10,92	9,98
8/4/22 9:00	10,92	9,98
8/4/22 21:00	10,91	9,97
9/4/22 9:00	10,92	9,97
9/4/22 21:00	10,91	9,97
10/4/22 9:00	10,91	9,96
10/4/22 21:00	10,91	9,96
11/4/22 9:00	10,91	9,97
11/4/22 21:00	10,92	9,97
12/4/22 9:00	10,91	9,97
12/4/22 21:00	10,92	9,97
13/4/22 9:00	10,91	9,96
13/4/22 21:00	10,90	9,96
14/4/22 9:00	10,90	9,95
14/4/22 21:00	10,90	9,96
15/4/22 9:00	10,91	9,95
15/4/22 21:00	10,91	9,95
16/4/22 9:00	10,91	9,96
16/4/22 21:00	10,90	9,95

Data	PZ-702	PZ-703
17/4/22 9:00	10,91	9,96
17/4/22 21:00	10,90	9,96
18/4/22 9:00	10,90	9,95
18/4/22 21:00	10,92	9,95
19/4/22 9:00	10,91	9,96
19/4/22 21:00	10,91	9,95
20/4/22 9:00	10,91	9,96
20/4/22 21:00	10,91	9,95
21/4/22 9:00	10,76	9,90
21/4/22 21:00	10,78	9,87
22/4/22 9:00	10,78	9,87
22/4/22 21:00	10,79	9,87
23/4/22 9:00	10,79	9,87
23/4/22 21:00	10,81	9,87
24/4/22 9:00	10,87	9,91
24/4/22 21:00	10,87	9,90
25/4/22 9:00	10,89	9,92
25/4/22 21:00	s	10,09
26/4/22 9:00	s	10,24
26/4/22 21:00	s	10,35
27/4/22 9:00	s	10,46
27/4/22 21:00	s	10,54
28/4/22 9:00	s	10,61
28/4/22 21:00	s	10,67
29/4/22 9:00	s	10,73
29/4/22 21:00	s	10,78
30/4/22 9:00	s	10,83
30/4/22 21:00	s	10,87
1/5/22 9:00	s	10,91
1/5/22 21:00	s	10,94
2/5/22 9:00	s	10,98
2/5/22 21:00	s	11,01

Data	PZ-702	PZ-703
3/5/22 9:00	s	11,03
3/5/22 21:00	s	11,06
4/5/22 9:00	s	11,07
4/5/22 21:00	s	11,10
5/5/22 9:00	s	11,12
5/5/22 21:00	s	11,14
6/5/22 9:00	s	11,16
6/5/22 21:00	s	11,18
7/5/22 9:00	s	11,20
7/5/22 21:00	s	11,22
8/5/22 9:00	s	11,24
8/5/22 21:00	s	11,26
9/5/22 9:00	s	11,28
9/5/22 21:00	s	11,30
10/5/22 9:00	s	11,31
10/5/22 21:00	s	11,33
11/5/22 9:00	s	11,34
11/5/22 21:00	s	11,36
12/5/22 9:00	s	11,37
12/5/22 21:00	s	11,37
13/5/22 9:00	s	11,38
13/5/22 21:00	s	11,39
14/5/22 9:00	s	11,41
14/5/22 21:00	s	11,42
15/5/22 9:00	s	11,43
15/5/22 21:00	s	11,42
16/5/22 9:00	s	11,45
16/5/22 21:00	s	11,44
17/5/22 9:00	s	11,47
17/5/22 21:00	s	11,47
18/5/22 9:00	s	11,48
18/5/22 21:00	s	11,49

19/5/22 9:00	s	11,51
19/5/22 21:00	s	11,54
20/5/22 9:00	s	11,56
20/5/22 21:00	s	11,57
21/5/22 9:00	s	11,57
21/5/22 21:00	s	11,59
22/5/22 9:00	s	11,60
22/5/22 21:00	s	11,61
23/5/22 9:00	s	11,61
23/5/22 21:00	s	11,60
24/5/22 9:00	s	11,62
24/5/22 21:00	s	11,62
25/5/22 9:00	s	11,64
25/5/22 21:00	s	11,64
26/5/22 9:00	s	11,65
26/5/22 21:00	s	11,65
27/5/22 9:00	s	11,66
27/5/22 21:00	s	11,66
28/5/22 9:00	s	11,66
28/5/22 21:00	s	11,67
29/5/22 9:00	s	11,67
29/5/22 21:00	s	11,68
30/5/22 9:00	s	11,68
30/5/22 21:00	s	11,68
31/5/22 9:00	s	11,69
31/5/22 21:00	s	11,66
1/6/22 9:00	s	11,68
1/6/22 21:00	s	11,68
2/6/22 9:00	s	11,70
2/6/22 21:00	s	11,71
3/6/22 9:00	s	11,72
3/6/22 21:00	s	11,73

4/6/22 9:00	s	11,74
4/6/22 21:00	s	11,75
5/6/22 9:00	s	11,76
5/6/22 21:00	s	11,76
6/6/22 9:00	s	11,77
6/6/22 21:00	s	11,77
7/6/22 9:00	s	11,78
7/6/22 21:00	s	11,79
8/6/22 9:00	s	11,80
8/6/22 21:00	s	11,80
9/6/22 9:00	s	11,81
9/6/22 21:00	s	11,81
10/6/22 9:00	s	11,82
10/6/22 21:00	s	11,73
11/6/22 9:00	s	11,74
11/6/22 21:00	s	11,76
12/6/22 9:00	s	11,78
12/6/22 21:00	s	11,79
13/6/22 9:00	s	11,80
13/6/22 21:00	s	11,81
14/6/22 9:00	s	11,82
14/6/22 21:00	s	11,82
15/6/22 9:00	s	11,83
15/6/22 21:00	s	11,83
16/6/22 9:00	s	11,84
16/6/22 21:00	s	11,84
17/6/22 9:00	s	11,84
17/6/22 21:00	s	11,84
18/6/22 9:00	s	11,85
18/6/22 21:00	s	11,85
19/6/22 9:00	s	11,85
19/6/22 21:00	s	11,86

20/6/22 9:00	s	11,86
20/6/22 21:00	s	11,86
21/6/22 9:00	s	11,86
21/6/22 21:00	s	11,86
22/6/22 9:00	s	11,87
22/6/22 21:00	s	11,87
23/6/22 9:00	s	11,87
23/6/22 21:00	s	11,88
24/6/22 9:00	s	11,88
24/6/22 21:00	s	11,89
25/6/22 9:00	s	11,75
25/6/22 21:00	s	11,64
26/6/22 9:00	s	11,57
26/6/22 21:00	s	11,51
27/6/22 9:00	s	11,46
27/6/22 21:00	s	11,52
28/6/22 9:00	s	11,58
28/6/22 21:00	s	11,62
29/6/22 9:00	s	11,67
29/6/22 21:00	s	11,69
30/6/22 9:00	s	11,73
30/6/22 21:00	s	11,76
1/7/22 9:00	s	11,78
1/7/22 21:00	s	11,82
2/7/22 9:00	s	11,85
2/7/22 21:00	s	11,86
3/7/22 9:00	s	11,87
3/7/22 21:00	s	11,87
4/7/22 9:00	s	11,86
4/7/22 21:00	s	11,84
5/7/22 9:00	s	11,85
5/7/22 21:00	s	11,84

6/7/22 9:00	s	11,86
6/7/22 21:00	s	11,83
7/7/22 9:00	s	11,79
7/7/22 21:00	s	11,81
8/7/22 9:00	s	11,82
8/7/22 21:00	s	11,84
9/7/22 9:00	s	11,85
9/7/22 21:00	s	11,85
10/7/22 9:00	s	11,86
10/7/22 21:00	s	11,87
11/7/22 9:00	s	11,86
11/7/22 21:00	s	11,85
12/7/22 9:00	s	11,87
12/7/22 21:00	s	11,86
13/7/22 9:00	s	11,87
13/7/22 21:00	s	11,87
14/7/22 9:00	s	11,88
14/7/22 21:00	s	11,87
15/7/22 9:00	s	11,88
15/7/22 21:00	s	11,88
16/7/22 9:00	s	11,89
16/7/22 21:00	s	11,88
17/7/22 9:00	s	11,90
17/7/22 21:00	s	11,89
18/7/22 9:00	s	11,89
18/7/22 21:00	s	11,89
19/7/22 9:00	s	11,90
19/7/22 21:00	s	11,83
20/7/22 9:00	s	11,83
20/7/22 21:00	s	11,84
21/7/22 9:00	s	11,84
21/7/22 21:00	s	11,86

22/7/22 9:00	s	11,85
22/7/22 21:00	s	11,86
23/7/22 9:00	s	11,87
23/7/22 21:00	s	11,87
24/7/22 9:00	s	11,87
24/7/22 21:00	s	11,88
25/7/22 9:00	s	11,89
25/7/22 21:00	s	11,89
26/7/22 9:00	s	11,89
26/7/22 21:00		
27/7/22 9:00	s	11,89
27/7/22 21:00	s	11,92
28/7/22 9:00	s	11,94
28/7/22 21:00	s	11,95
29/7/22 9:00	s	11,96
29/7/22 21:00	s	11,93
30/7/22 9:00	s	11,90
30/7/22 21:00	s	11,91
31/7/22 9:00	s	11,90
31/7/22 21:00	s	11,90
1/8/22 9:00	s	11,90
1/8/22 21:00	s	11,90
2/8/22 9:00	s	11,92
2/8/22 21:00	s	11,94
3/8/22 9:00	s	11,96
3/8/22 21:00	s	11,95
4/8/22 9:00	s	11,94
4/8/22 21:00	s	11,91
5/8/22 9:00	s	11,92
5/8/22 21:00	s	11,88
6/8/22 9:00	s	11,90
6/8/22 21:00	s	11,88

7/8/22 9:00	s	11,90
7/8/22 21:00	s	11,83
8/8/22 9:00	s	11,88
8/8/22 21:00	s	11,82
9/8/22 9:00	s	11,79
9/8/22 21:00	s	11,81
10/8/22 9:00	s	11,85
10/8/22 21:00	s	11,83
11/8/22 9:00	s	11,78
12/8/22 9:00	s	11,86
12/8/22 21:00	s	11,89
13/8/22 9:00	s	11,90
13/8/22 21:00	s	11,90
14/8/22 9:00	s	11,91
14/8/22 21:00	s	11,91
15/8/22 9:00	s	11,91
15/8/22 21:00	s	11,90
16/8/22 9:00	s	11,90
16/8/22 21:00	s	11,89
17/8/22 9:00	s	11,90
17/8/22 21:00	s	11,90
18/8/22 9:00	s	11,90
18/8/22 21:00	s	11,90
19/8/22 9:00	s	11,90
19/8/22 21:00	s	11,90
20/8/22 9:00	s	11,90
20/8/22 21:00	s	11,90
21/8/22 9:00	s	11,89
21/8/22 21:00	s	11,89
22/8/22 9:00	s	11,89
22/8/22 21:00	s	11,90
23/8/22 9:00	s	11,91

23/8/22 21:00	s	11,92
24/8/22 9:00	s	11,92
24/8/22 21:00	s	11,93
25/8/22 9:00	s	11,93
25/8/22 21:00	s	11,93
26/8/22 9:00	s	11,93
26/8/22 21:00	s	11,92
27/8/22 9:00	s	11,92
27/8/22 21:00	s	11,92
28/8/22 9:00	s	11,91
28/8/22 21:00	s	11,91
29/8/22 9:00	s	11,91
29/8/22 21:00	s	11,90
30/8/22 9:00	s	11,90
30/8/22 21:00	s	11,92
31/8/22 9:00	s	11,91
31/8/22 21:00	s	11,90
1/9/22 9:00	s	11,89
1/9/22 21:00	s	11,89
2/9/22 9:00	s	11,89
2/9/22 21:00	s	11,89
3/9/22 9:00	s	11,88
3/9/22 21:00	s	11,88
4/9/22 9:00	s	11,88
4/9/22 21:00	s	11,88
5/9/22 9:00	s	11,88
5/9/22 21:00	s	11,88
6/9/22 9:00	s	11,88
6/9/22 21:00	s	11,86
7/9/22 9:00	s	11,87
7/9/22 21:00	s	11,87
8/9/22 9:00	s	11,88

9/9/22 9:00	s	11,90
9/9/22 21:00	s	11,90
10/9/22 9:00	s	11,91
10/9/22 21:00	s	11,91
11/9/22 9:00	s	11,91
11/9/22 21:00	s	11,92
12/9/22 9:00	s	11,92
12/9/22 21:00	s	11,92
13/9/22 9:00	s	11,92
13/9/22 21:00	s	11,92
14/9/22 9:00	s	11,92
14/9/22 21:00	s	11,92
15/9/22 9:00	s	11,92
15/9/22 21:00	s	11,93
16/9/22 9:00	s	11,93
16/9/22 21:00	s	11,93
17/9/22 9:00	s	11,92
17/9/22 21:00	s	11,92
18/9/22 9:00	s	11,92
18/9/22 21:00	s	11,93
19/9/22 9:00	s	11,94
19/9/22 21:00	s	11,93
20/9/22 9:00	s	11,94
20/9/22 21:00	s	11,93
21/9/22 9:00	s	11,91
21/9/22 21:00	s	11,91
22/9/22 9:00	s	11,91
22/9/22 21:00	s	11,89
23/9/22 9:00	s	11,90
23/9/22 21:00	s	11,87
24/9/22 9:00	s	11,89
24/9/22 21:00	s	11,90

25/9/22 9:00	s	11,91
25/9/22 21:00	s	11,92
26/9/22 9:00	s	11,93
26/9/22 21:00	s	11,94
27/9/22 9:00	s	11,95
27/9/22 21:00	s	11,96
28/9/22 9:00	s	11,97
28/9/22 21:00	s	11,96
29/9/22 9:00	s	11,97
29/9/22 21:00	s	11,98
30/9/22 9:00	s	12,00
30/9/22 21:00	s	12,02



ANEXO I

REGISTROS DAS LEITURAS DOS PIEZÔMETROS e INDICADOR DE NÍVEL DE ÁGUA

Abril 2022 a Setembro 2022

BARRAGEM A0 INA

Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
1/4/22 9:00	5,39	s	s	13,97	s	s						
1/4/22 21:00	5,39	s	s	13,96	s	s						
2/4/22 9:00	5,38	s	s	13,95	s	s						
2/4/22 21:00	5,36	s	s	13,96	s	s						
3/4/22 9:00	5,37	s	s	13,97	s	s						
3/4/22 21:00	5,37	s	s	13,97	s	s						
4/4/22 9:00	5,35	s	s	13,98	s	s						
4/4/22 21:00	5,36	s	s	13,97	s	s						
5/4/22 9:00	5,37	s	s	13,95	s	s						
5/4/22 21:00	5,35	s	s	13,97	s	s						
6/4/22 9:00	5,36	s	s	13,95	s	s				16,99		
6/4/22 21:00	5,37	s	s	13,96	s	s				16,97		
7/4/22 9:00	5,35	s	s	13,96	s	s				16,97		
7/4/22 21:00	5,36	s	s	13,99	s	s				16,96		
8/4/22 9:00	5,39	s	s	13,97	s	s				16,96		
8/4/22 21:00	5,38	s	s	13,96	s	s				16,95		
9/4/22 9:00	5,39	s	s	13,98	s	s				16,97		
9/4/22 21:00	5,39	s	s	13,95	s	s				16,95		
10/4/22 9:00	s	s	s	13,98	s	s				16,95		
10/4/22 21:00	5,37	s	s	13,97	s	s				16,93		
11/4/22 9:00	5,38	s	s	13,98	s	s				16,96		
11/4/22 21:00	5,38	s	s	13,96	s	s				16,92		
12/4/22 9:00	5,40	s	s	13,96	s	s				16,94		
12/4/22 21:00	s	s	s	13,97	s	s				16,94		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
13/4/22 9:00	s	s	s	13,95	s	s				16,94		
13/4/22 21:00	s	s	s	13,96	s	s				16,93		
14/4/22 9:00	s	s	s	13,96	s	s				16,93		
14/4/22 21:00	5,40	s	s	13,96	s	s	11,58	s	9,83	16,92	18,25	s
15/4/22 9:00	s	s	s	13,96	s	s		s		16,92		
15/4/22 21:00	s	s	s	13,98	s	s				16,93		
16/4/22 9:00	s	s	s	13,96	s	s				16,94		
16/4/22 21:00	s	s	s	13,98	s	s				16,94		
17/4/22 9:00	s	s	s	13,96	s	s				16,95		
17/4/22 21:00	s	s	s	13,97	s	s				16,94		
18/4/22 9:00	s	s	s	13,95	s	s				16,96		
18/4/22 21:00	s	s	s	13,97	s	s				16,95		
19/4/22 9:00	s	s	s	13,95	s	s				16,95		
19/4/22 21:00	s	s	s	13,96	s	s				16,96		
20/4/22 9:00	s	s	s	13,96	s	s				16,96		
20/4/22 21:00	s	s	s	13,97	s	s				16,94		
21/4/22 9:00	s	s	s	13,97	s	s				16,95		
21/4/22 21:00	s	s	s	13,96	s	s				16,92		
22/4/22 9:00	s	s	s	13,96	s	s				16,93		
22/4/22 21:00	s	s	s	13,96	s	s				16,92		
23/4/22 9:00	s	s	s	13,97	s	s				16,94		
23/4/22 21:00	s	s	s	13,96	s	s				16,94		
24/4/22 9:00	s	s	s	13,96	s	s				16,98		
24/4/22 21:00	s	s	s	13,96	s	s				16,96		
25/4/22 9:00	s	s	s	13,98	s	s				16,96		
25/4/22 21:00	s	s	s	13,98	s	s				16,97		
26/4/22 9:00	s	s	s	13,96	s	s				16,99		
26/4/22 21:00	s	s	s	13,96	s	s				16,99		
27/4/22 9:00	s	s	s	13,97	s	s				17,00		
27/4/22 21:00	s	s	s	13,95	s	s				17,01		
28/4/22 9:00	s	s	s	13,97	s	s				17,04		
28/4/22 21:00	s	s	s	13,97	s	s				17,04		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
29/4/22 9:00	s	s	s	13,95	s	s				17,04		
29/4/22 21:00	s	s	s	13,96	s	s				17,05		
30/4/22 9:00	s	s	s	13,96	s	s				17,06		
30/4/22 21:00	s	s	s	13,96	s	s				17,06		
1/5/22 9:00	s	s	s	13,95	s	s				17,06		
1/5/22 21:00	s	s	s	13,98	s	s				17,06		
2/5/22 9:00	s	s	s	13,97	s	s				17,07		
2/5/22 21:00	s	s	s	13,96	s	s				17,06		
3/5/22 9:00	s	s	s	13,97	s	s				17,06		
3/5/22 21:00	s	s	s	13,96	s	s				17,05		
4/5/22 9:00	s	s	s	13,97	s	s				17,05		
4/5/22 21:00	s	s	s	13,95	s	s				17,06		
5/5/22 9:00	s	s	s	13,94	s	s				17,08		
5/5/22 21:00	s	s	s	13,95	s	s				17,07		
6/5/22 9:00	s	s	s	13,98	s	s				17,09		
6/5/22 21:00	s	s	s	13,96	s	s				17,09		
7/5/22 9:00	5,39	s	s	13,96	s	s				17,10		
7/5/22 21:00	5,40	s	s	13,96	s	s				17,09		
8/5/22 9:00	5,40	s	s	13,96	s	s				17,11		
8/5/22 21:00	5,38	s	s	13,96	s	s				17,09		
9/5/22 9:00	5,40	s	s	13,95	s	s				17,11		
9/5/22 21:00	5,39	s	s	13,98	s	s				17,10		
10/5/22 9:00	s	s	s	13,96	s	s				17,11		
10/5/22 21:00	s	s	s	13,95	s	s				17,11		
11/5/22 9:00	s	s	s	13,96	s	s				17,10		
11/5/22 21:00	s	s	s	13,96	s	s				17,09		
12/5/22 9:00	s	s	s	13,96	s	s				17,12		
12/5/22 21:00	s	s	s	13,96	s	s				17,11		
13/5/22 9:00	s	s	s	13,96	s	s				17,13		
13/5/22 21:00	s	s	s	13,97	s	s				17,12		
14/5/22 9:00	s	s	s	13,94	s	s				17,10		
14/5/22 21:00	s	s	s	13,96	s	s				17,12		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
15/5/22 9:00	s	s	s	13,96	s	s				17,11		
15/5/22 21:00	s	s	s	13,96	s	s				17,10		
16/5/22 9:00	s	s	s	13,96	s	s				17,11		
16/5/22 21:00	s	s	s	13,95	s	s				17,08		
17/5/22 9:00	s	s	s	13,95	s	s				17,08		
17/5/22 21:00	s	s	s	13,97	s	s				17,05		
18/5/22 9:00	s	s	s	13,95	s	s				17,05		
18/5/22 21:00	s	s	s	13,94	s	s				17,05		
19/5/22 9:00	s	s	s	13,96	s	s				17,07		
19/5/22 21:00	s	s	s	13,97	s	s				17,07		
20/5/22 9:00	s	s	s	13,96	s	s				17,10		
20/5/22 21:00	s	s	s	13,97	s	s				17,12		
21/5/22 9:00	s	s	s	13,94	s	s				17,15		
21/5/22 21:00	s	s	s	13,95	s	s				17,14		
22/5/22 9:00	s	s	s	13,97	s	s				17,14		
22/5/22 21:00	s	s	s	13,96	s	s				17,15		
23/5/22 9:00	s	s	s	13,96	s	s				17,15		
23/5/22 21:00	s	s	s	13,95	s	s				17,14		
24/5/22 9:00	s	s	s	13,96	s	s				17,16		
24/5/22 21:00	s	s	s	13,97	s	s				17,15		
25/5/22 9:00	s	s	s	13,97	s	s				17,17		
25/5/22 21:00	s	s	s	13,97	s	s				17,17		
26/5/22 9:00	s	s	s	13,96	s	s				17,18		
26/5/22 21:00	s	s	s	13,95	s	s				17,15		
27/5/22 9:00	s	s	s	13,96	s	s				17,17		
27/5/22 21:00	s	s	s	13,96	s	s				17,13		
28/5/22 9:00	s	s	s	13,95	s	s				17,15		
28/5/22 21:00	s	s	s	13,98	s	s				17,14		
29/5/22 9:00	s	s	s	13,95	s	s				17,14		
29/5/22 21:00	s	s	s	13,96	s	s				17,13		
30/5/22 9:00	s	s	s	13,95	s	s				17,13		
30/5/22 21:00	s	s	s	13,96	s	s				17,13		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
31/5/22 9:00	s	s	s	13,94	s	s				17,13		
31/5/22 21:00	s	s	s	13,98	s	s				17,13		
1/6/22 9:00	s	s	s	13,96	s	s				17,15		
1/6/22 21:00	s	s	s	13,96	s	s				17,13		
2/6/22 9:00	s	s	s	13,96	s	s				17,15		
2/6/22 21:00	s	s	s	13,96	s	s				17,16		
3/6/22 9:00	s	s	s	13,96	s	s				17,17		
3/6/22 21:00	s	s	s	13,97	s	s				17,16		
4/6/22 9:00	s	s	s	13,97	s	s				17,17		
4/6/22 21:00	s	s	s	13,96	s	s				17,16		
5/6/22 9:00	s	s	s	13,96	s	s				17,18		
5/6/22 21:00	s	s	s	13,96	s	s				17,17		
6/6/22 9:00	s	s	s	13,95	s	s				17,18		
6/6/22 21:00	s	s	s	13,97	s	s				17,17		
7/6/22 9:00	s	s	s	13,97	s	s				17,16		
7/6/22 21:00	s	s	s	13,95	s	s				17,15		
8/6/22 9:00	s	s	s	13,97	s	s				17,17		
8/6/22 21:00	s	s	s	13,95	s	s				17,16		
9/6/22 9:00	s	s	s	13,97	s	s	11,73	s	s	17,17	18,40	s
9/6/22 21:00	s	s	s	13,94	s	s				17,18		
10/6/22 9:00	s	s	s	13,96	s	s				17,17		
10/6/22 21:00	s	s	s	13,98	s	s				17,15		
11/6/22 9:00	s	s	s	13,96	s	s				17,16		
11/6/22 21:00	s	s	s	13,97	s	s				17,15		
12/6/22 9:00	s	s	s	13,97	s	s				17,16		
12/6/22 21:00	s	s	s	13,95	s	s				17,19		
13/6/22 9:00	s	s	s	13,97	s	s				17,19		
13/6/22 21:00	s	s	s	13,98	s	s				17,18		
14/6/22 9:00	s	s	s	13,98	s	s				17,20		
14/6/22 21:00	s	s	s	13,95	s	s				17,19		
15/6/22 9:00	s	s	s	13,97	s	s				17,20		
15/6/22 21:00	s	s	s	13,96	s	s				17,18		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
16/6/22 9:00	s	s	s	13,96	s	s				17,21		
16/6/22 21:00	s	s	s	13,96	s	s				17,18		
17/6/22 9:00	s	s	s	13,96	s	s				17,18		
17/6/22 21:00	s	s	s	13,97	s	s				17,18		
18/6/22 9:00	s	s	s	13,96	s	s				17,18		
18/6/22 21:00	s	s	s	13,97	s	s				17,20		
19/6/22 9:00	s	s	s	13,96	s	s				17,21		
19/6/22 21:00	s	s	s	13,97	s	s				17,20		
20/6/22 9:00	s	s	s	13,96	s	s				17,23		
20/6/22 21:00	s	s	s	13,97	s	s				17,21		
21/6/22 9:00	s	s	s	13,97	s	s				17,22		
21/6/22 21:00	s	s	s	13,97	s	s				17,21		
22/6/22 9:00	s	s	s	13,97	s	s				17,22		
22/6/22 21:00	s	s	s	13,95	s	s				17,21		
23/6/22 9:00	s	s	s	13,95	s	s				17,22		
23/6/22 21:00	s	s	s	13,96	s	s				17,23		
24/6/22 9:00	s	s	s	13,96	s	s				17,24		
24/6/22 21:00	s	s	s	13,97	s	s				17,22		
25/6/22 9:00	s	s	s	13,96	s	s				17,22		
25/6/22 21:00	s	s	s	13,98	s	s				17,20		
26/6/22 9:00	s	s	s	13,98	s	s				17,21		
26/6/22 21:00	s	s	s	13,96	s	s				17,21		
27/6/22 9:00	s	s	s	13,95	s	s				17,21		
27/6/22 21:00	s	s	s	13,95	s	s				17,20		
28/6/22 9:00	s	s	s	13,97	s	s				17,20		
28/6/22 21:00	s	s	s	13,97	s	s				17,21		
29/6/22 9:00	s	s	s	13,96	s	s				17,22		
29/6/22 21:00	s	s	s	13,95	s	s				17,19		
30/6/22 9:00	s	s	s	13,96	s	s				17,21		
30/6/22 21:00	s	s	s	13,95	s	s				17,20		
1/7/22 9:00	s	s	s	13,93	s	s				17,20		
1/7/22 21:00	s	s	s	13,98	s	s				17,20		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
2/7/22 9:00	s	s	s	13,96	s	s				17,22		
2/7/22 21:00	s	s	s	13,95	s	s				17,22		
3/7/22 9:00	s	s	s	13,97	s	s				17,24		
3/7/22 21:00	s	s	s	13,95	s	s				17,23		
4/7/22 9:00	s	s	s	13,97	s	s				17,24		
4/7/22 21:00	s	s	s	13,97	s	s				17,21		
5/7/22 9:00	s	s	s	13,96	s	s				17,23		
5/7/22 21:00	s	s	s	13,97	s	s				17,23		
6/7/22 9:00	s	s	s	13,94	s	s				17,22		
6/7/22 21:00	s	s	s	13,96	s	s				17,22		
7/7/22 9:00	s	s	s	13,97	s	s				17,24		
7/7/22 21:00	s	s	s	13,97	s	s				17,24		
8/7/22 9:00	s	s	s	13,97	s	s				17,26		
8/7/22 21:00	s	s	s	13,95	s	s				17,25		
9/7/22 9:00	s	s	s	13,97	s	s				17,26		
9/7/22 21:00	s	s	s	13,96	s	s				17,24		
10/7/22 9:00	s	s	s	13,95	s	s				17,26		
10/7/22 21:00	s	s	s	13,95	s	s				17,24		
11/7/22 9:00	s	s	s	13,98	s	s				17,25		
11/7/22 21:00	s	s	s	13,98	s	s				17,24		
12/7/22 9:00	s	s	s	13,97	s	s				17,25		
12/7/22 21:00	s	s	s	13,98	s	s				17,24		
13/7/22 9:00	s	s	s	13,96	s	s				17,26		
13/7/22 21:00	s	s	s	13,96	s	s				17,26		
14/7/22 9:00	s	s	s	13,98	s	s				17,26		
14/7/22 21:00	s	s	s	13,96	s	s				17,24		
15/7/22 9:00	s	s	s	13,99	s	s				17,25		
15/7/22 21:00	s	s	s	13,96	s	s				17,24		
16/7/22 9:00	s	s	s	13,97	s	s				17,25		
16/7/22 21:00	s	s	s	13,97	s	s				17,25		
17/7/22 9:00	s	s	s	13,96	s	s				17,26		
17/7/22 21:00	s	s	s	13,97	s	s				17,26		
18/7/22 9:00	s	s	s	13,98	s	s				17,27		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
18/7/22 21:00	s	s	s	13,96	s	s				17,27		
19/7/22 9:00	s	s	s	13,95	s	s				17,28		
19/7/22 21:00	s	s	s	13,95	s	s				17,26		
20/7/22 9:00	s	s	s	13,97	s	s				17,26		
20/7/22 21:00	s	s	s	13,95	s	s				17,24		
21/7/22 9:00	s	s	s	13,96	s	s				17,26		
21/7/22 21:00	s	s	s	13,97	s	s				17,26		
22/7/22 9:00	s	s	s	13,96	s	s				17,26		
22/7/22 21:00	s	s	s	13,98	s	s				17,26		
23/7/22 9:00	s	s	s	13,95	s	s				17,26		
23/7/22 21:00	s	s	s	13,97	s	s				17,24		
24/7/22 9:00	s	s	s	13,98	s	s				17,26		
24/7/22 21:00	s	s	s	13,99	s	s				17,26		
25/7/22 9:00	s	s	s	13,99	s	s				17,26		
25/7/22 21:00	s	s	s	13,99	s	s				17,26		
26/7/22 9:00	s	s	s	13,96	s	s				17,29		
27/7/22 9:00	s	s	s	13,98	s	s				17,29		
27/7/22 21:00	s	s	s	13,96	s	s				17,28		
28/7/22 9:00	s	s	s	13,98	s	s				17,27		
28/7/22 21:00	s	s	s	13,98	s	s				17,26		
29/7/22 9:00	s	s	s	s	s	s				17,28		
29/7/22 21:00	s	s	s	13,96	s	s				17,25		
30/7/22 9:00	s	s	s	13,98	s	s				17,28		
30/7/22 21:00	s	s	s	13,98	s	s				17,29		
31/7/22 9:00	s	s	s	13,99	s	s				17,31		
31/7/22 21:00	s	s	s	13,99	s	s				17,30		
1/8/22 9:00	s	s	s	s	s	s				17,33		
1/8/22 21:00	s	s	s	s	s	s				17,30		
2/8/22 9:00	s	s	s	s	s	s				17,33		
2/8/22 21:00	s	s	s	s	s	s				17,31		
3/8/22 9:00	s	s	s	s	s	s				17,33		
3/8/22 21:00	s	s	s	s	s	s				17,32		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
4/8/22 9:00	s	s	s	s	s	s				17,34		
4/8/22 21:00	s	s	s	s	s	s				17,30		
5/8/22 9:00	s	s	s	13,99	s	s				17,32		
5/8/22 21:00	s	s	s	s	s	s				17,32		
6/8/22 9:00	s	s	s	s	s	s				17,32		
6/8/22 21:00	s	s	s	13,98	s	s				17,31		
7/8/22 9:00	s	s	s	s	s	s				17,33		
7/8/22 21:00	s	s	s	s	s	s				17,31		
8/8/22 9:00	s	s	s	s	s	s				17,33		
8/8/22 21:00	s	s	s	s	s	s				17,33		
9/8/22 9:00	s	s	s	s	s	s				17,35		
9/8/22 21:00	s	s	s	s	s	s				17,34		
10/8/22 9:00	s	s	s	s	s	s				17,32		
10/8/22 21:00	s	s	s	s	s	s				17,34		
11/8/22 9:00	s	s	s	s	s	s				17,34		
12/8/22 9:00	s	s	s	s	s	s				17,36		
12/8/22 21:00	s	s	s	s	s	s				17,36		
13/8/22 9:00	s	s	s	s	s	s				17,38		
13/8/22 21:00	s	s	s	s	s	s				17,37		
14/8/22 9:00	s	s	s	s	s	s				17,37		
14/8/22 21:00	s	s	s	s	s	s				17,36		
15/8/22 9:00	s	s	s	s	s	s				17,35		
15/8/22 21:00	s	s	s	s	s	s				17,34		
16/8/22 9:00	s	s	s	s	s	s				17,36		
16/8/22 21:00	s	s	s	s	s	s				17,35		
17/8/22 9:00	s	s	s	s	s	s				17,35		
17/8/22 21:00	s	s	s	s	s	s				17,36		
18/8/22 9:00	s	s	s	13,97	s	s				17,34		
18/8/22 21:00	s	s	s	13,98	s	s				17,37		
19/8/22 9:00	s	s	s	13,96	s	s				17,39		
19/8/22 21:00	s	s	s	13,98	s	s				17,39		
20/8/22 9:00	s	s	s	s	s	s				17,42		
20/8/22 21:00	s	s	s	13,95	s	s				17,42		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
21/8/22 9:00	s	s	s	13,96	s	s				17,43		
21/8/22 21:00	s	s	s	13,96	s	s				17,44		
22/8/22 9:00	s	s	s	13,95	s	s				17,44		
22/8/22 21:00	s	s	s	13,95	s	s				17,44		
23/8/22 9:00	s	s	s	13,97	s	s				17,45		
23/8/22 21:00	s	s	s	13,97	s	s				17,42		
24/8/22 9:00	s	s	s	13,98	s	s				17,44		
24/8/22 21:00	s	s	s	13,96	s	s				17,45		
25/8/22 9:00	s	s	s	13,96	s	s				17,44		
25/08/22	s	s	s	13,96	s	s	12,00	s	s	17,44	18,43	s
25/8/22 21:00	s	s	s	13,96	s	s				17,45		
26/8/22 9:00	s	s	s	13,98	s	s				17,46		
26/8/22 21:00	s	s	s	13,95	s	s				17,43		
27/8/22 9:00	s	s	s	13,98	s	s				17,45		
27/8/22 21:00	s	s	s	13,97	s	s				17,42		
28/8/22 9:00	s	s	s	13,96	s	s				17,45		
28/8/22 21:00	s	s	s	13,95	s	s				17,45		
29/8/22 9:00	s	s	s	13,98	s	s				17,46		
29/8/22 21:00	s	s	s	13,96	s	s				17,45		
30/8/22 9:00	s	s	s	13,98	s	s				17,46		
30/8/22 21:00	s	s	s	13,96	s	s				17,46		
31/8/22 9:00	s	s	s	13,98	s	s				17,49		
31/8/22 21:00	s	s	s	13,98	s	s				17,46		
1/9/22 9:00	s	s	s	13,98	s	s				17,46		
1/9/22 21:00	s	s	s	13,98	s	s				17,46		
2/9/22 9:00	s	s	s	s	s	s				17,46		
2/9/22 21:00	s	s	s	s	s	s				17,45		
3/9/22 9:00	s	s	s	13,98	s	s				17,47		
3/9/22 21:00	s	s	s	13,98	s	s				17,45		
4/9/22 9:00	s	s	s	13,97	s	s				17,47		
4/9/22 21:00	s	s	s	13,97	s	s				17,46		
5/9/22 9:00	s	s	s	13,98	s	s				17,49		
5/9/22 21:00	s	s	s	13,98	s	s				17,49		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
6/9/22 9:00	s	s	s	13,96	s	s				17,51		
6/9/22 21:00	s	s	s	13,95	s	s				17,50		
7/9/22 9:00	s	s	s	13,97	s	s				17,50		
7/9/22 21:00	s	s	s	13,98	s	s				17,49		
8/9/22 9:00	s	s	s	13,99	s	s				17,48		
9/9/22 9:00	s	s	s	13,95	s	s				17,49		
9/9/22 21:00	s	s	s	13,96	s	s				17,48		
10/9/22 9:00	s	s	s	13,95	s	s				17,48		
10/9/22 21:00	s	s	s	13,96	s	s				17,47		
11/9/22 9:00	s	s	s	13,95	s	s				17,48		
12/9/22 9:00	s	s	s	13,96	s	s	12,09	s	s	17,48	18,57	s
12/9/22 21:00	s	s	s	13,98	s	s				17,46		
13/9/22 9:00	s	s	s	13,97	s	s				17,47		
13/9/22 21:00	s	s	s	13,96	s	s				17,45		
14/9/22 9:00	s	s	s	13,95	s	s				17,47		
14/9/22 21:00	s	s	s	13,96	s	s				17,48		
15/9/22 9:00	s	s	s	13,97	s	s				17,50		
15/9/22 21:00	s	s	s	13,95	s	s				17,50		
16/9/22 9:00	s	s	s	13,97	s	s				17,50		
16/9/22 21:00	s	s	s	13,97	s	s				17,51		
17/9/22 9:00	s	s	s	13,99	s	s				17,50		
17/9/22 21:00	s	s	s	13,96	s	s				17,50		
18/9/22 9:00	s	s	s	13,96	s	s				17,50		
18/9/22 21:00	s	s	s	13,95	s	s				17,48		
19/9/22 9:00	s	s	s	13,98	s	s				17,51		
19/9/22 21:00	s	s	s	13,94	s	s				17,47		
20/9/22 9:00	s	s	s	13,98	s	s				17,48		
20/9/22 21:00	s	s	s	13,94	s	s				17,47		
21/9/22 9:00	s	s	s	13,97	s	s				17,48		
21/9/22 21:00	s	s	s	13,98	s	s				17,46		
22/9/22 9:00	s	s	s	13,97	s	s				17,48		
22/9/22 21:00	s	s	s	13,97	s	s				17,48		



Data	INA-105	INA-107 A	INA-108 A	INA-109	INA-111	INA-112	INA-113	INA-114	INA-115	INA-116A	INA-117	INA-118
23/9/22 9:00	s	s	s	13,96	s	s	12,14	s	s	17,48	18,55	s
23/9/22 21:00	s	s	s	13,97	s	s				17,46		
24/9/22 9:00	s	s	s	13,97	s	s				17,47		
24/9/22 21:00	s	s	s	13,96	s	s				17,46		
25/9/22 9:00	s	s	s	13,96	s	s				17,48		
25/9/22 21:00	s	s	s	13,97	s	s				17,46		
26/9/22 9:00	s	s	s	13,96	s	s				17,48		
26/9/22 21:00	s	s	s	13,96	s	s				17,46		
27/9/22 9:00	s	s	s	13,98	s	s				17,48		
27/9/22 21:00	s	s	s	13,96	s	s				17,47		
28/9/22 9:00	s	s	s	13,97	s	s				17,49		
28/9/22 21:00	s	s	s	13,94	s	s				17,47		
29/9/22 9:00	s	s	s	13,97	s	s				17,48		
29/9/22 21:00	s	s	s	13,96	s	s				17,46		
30/9/22 9:00	s	s	s	13,98	s	s				17,49		
30/9/22 21:00	s	s	s	13,96	s	s				17,50		



BARRAGEM A0- PZ
Abril 2022 a Setembro 2022

Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
1/4/22 9:00	s	5,71	s	11,09	s	11,03	s	18,60	5,30	10,09	6,79	18,45
1/4/22 21:00	s	5,70	s	11,09	s	11,03	s	18,60	5,30	10,08	6,79	18,44
2/4/22 9:00	s	5,71	s	11,12	s	11,04	s	18,61	5,30	10,08	6,80	18,46
2/4/22 21:00	s	5,69	s	11,10	s	11,05	s	18,60	5,31	10,09	6,79	18,44
3/4/22 9:00	s	5,68	s	11,12	s	10,99	s	18,60	5,30	10,09	6,78	18,44
3/4/22 21:00	s	5,65	s	11,10	s	10,90	s	18,59	5,30	10,07	6,75	18,41
4/4/22 9:00	s	5,66	s	11,10	s	10,86	s	18,59	5,29	10,06	6,75	18,44
4/4/22 21:00	s	5,62	s	11,10	s	10,79	s	18,59	5,32	10,05	6,68	18,41
5/4/22 9:00	s	5,63	s	11,10	s	10,79	s	18,58	5,31	10,05	6,67	18,44
5/4/22 21:00	s	5,62	s	11,11	s	10,82	s	18,58	5,31	10,04	6,67	18,42
6/4/22 9:00	s	5,62	s	11,11	s	10,83	s	18,58	5,30	10,05	6,68	18,41
6/4/22 21:00	s	5,60	s	11,11	s	10,78	s	18,59	5,31	10,04	6,67	18,40
7/4/22 9:00	s	5,60	s	11,11	s	10,78	s	18,57	5,30	10,04	6,66	18,42
7/4/22 21:00	s	5,59	s	11,10	s	10,77	s	18,57	5,31	10,03	6,65	18,40
8/4/22 9:00	s	5,59	s	11,12	s	10,75	s	18,57	5,31	10,03	6,64	18,42
8/4/22 21:00	s	5,58	s	11,10	s	10,75	s	18,56	5,32	10,03	6,64	18,39
9/4/22 9:00	s	5,58	s	11,12	s	10,73	s	18,57	5,30	10,02	6,64	18,42
9/4/22 21:00	s	5,57	s	11,11	s	10,74	s	18,57	5,29	10,03	6,63	18,39
10/4/22 9:00	s	5,56	s	11,12	s	10,72	s	18,56	5,32	10,02	6,63	18,39
10/4/22 21:00	s	5,55	s	11,12	s	10,70	s	18,56	5,31	10,02	6,62	18,39
11/4/22 9:00	s	5,57	s	11,13	s	10,70	s	18,58	5,31	10,03	6,62	18,39
11/4/22 21:00	s	5,56	s	11,12	s	10,69	s	18,58	5,32	10,04	6,61	18,38
12/4/22 9:00	s	5,57	s	11,12	s	10,71	s	18,58	5,32	10,04	6,61	18,38
12/4/22 21:00	s	5,56	s	11,12	s	10,70	s	18,58	5,32	10,04	6,61	18,38
13/4/22 9:00	s	5,55	s	11,12	s	10,72	s	18,58	5,31	10,03	6,62	18,37
13/4/22 21:00	s	5,54	s	11,13	s	10,68	s	18,57	5,32	10,02	6,61	18,38
14/4/22 9:00	s	5,58	s	11,13	s	10,68	s	18,57	5,33	10,03	6,61	18,37
14/4/22 21:00	s	5,58	s	11,13	s	10,68	s	18,57	5,33	10,02	6,61	18,37
15/4/22 9:00	s	5,59	s	11,14	s	10,69	s	18,58	5,31	10,03	6,61	18,38



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
15/4/22 21:00	s	5,59	s	11,13	s	10,69	s	18,58	5,34	10,03	6,60	18,37
16/4/22 9:00	s	5,60	s	11,12	s	10,70	s	18,58	5,31	10,03	6,61	18,39
16/4/22 21:00	s	5,60	s	11,13	s	10,70	s	18,56	5,34	10,04	6,61	18,39
17/4/22 9:00	s	5,60	s	11,13	s	10,69	s	18,58	5,34	10,03	6,61	18,40
17/4/22 21:00	s	5,59	s	11,12	s	10,71	s	18,57	5,33	10,03	6,61	18,40
18/4/22 9:00	s	5,60	s	11,13	s	10,71	s	18,56	5,32	10,04	6,61	18,40
18/4/22 21:00	s	5,60	s	11,14	s	10,71	s	18,58	5,31	10,02	6,62	18,39
19/4/22 9:00	s	5,61	s	11,15	s	10,69	s	18,56	5,34	10,03	6,61	18,41
19/4/22 21:00	s	5,60	s	11,13	s	10,71	s	18,57	5,32	10,02	6,61	18,38
20/4/22 9:00	s	5,61	s	11,15	s	10,71	s	18,57	5,34	10,04	6,61	18,40
20/4/22 21:00	s	5,61	s	11,14	s	10,69	s	18,57	5,34	10,04	6,61	18,40
21/4/22 9:00	s	5,61	s	11,14	s	10,71	s	18,57	5,33	10,03	6,61	18,41
21/4/22 21:00	s	5,60	s	11,14	s	10,71	s	18,56	5,33	10,03	6,61	18,36
22/4/22 9:00	s	5,60	s	11,14	s	10,70	s	18,57	5,32	10,03	6,61	18,37
22/4/22 21:00	s	5,60	s	11,13	s	10,70	s	18,56	5,33	10,02	6,61	18,37
23/4/22 9:00	s	5,62	s	11,16	s	10,73	s	18,58	5,34	10,05	6,62	18,36
23/4/22 21:00	s	5,61	s	11,13	s	10,73	s	18,59	5,32	10,03	6,62	18,37
24/4/22 9:00	s	5,63	s	11,17	s	10,74	s	18,60	5,34	10,05	6,62	18,41
24/4/22 21:00	s	5,62	s	11,17	s	10,73	s	18,59	5,34	10,05	6,62	18,38
25/4/22 9:00	s	5,63	s	11,16	s	10,75	s	18,58	5,33	10,05	6,62	18,40
25/4/22 21:00	s	5,63	s	11,15	s	10,73	s	18,58	5,36	10,04	6,62	18,39
26/4/22 9:00	s	5,63	s	11,16	s	10,79	s	18,58	5,33	10,05	6,64	18,40
26/4/22 21:00	s	5,62	s	11,16	s	10,85	s	18,59	5,34	10,06	6,66	18,37
27/4/22 9:00	s	5,65	s	11,15	s	10,90	s	18,59	5,35	10,06	6,69	18,39
27/4/22 21:00	s	5,64	s	11,17	s	10,92	s	18,60	5,35	10,06	6,71	18,39
28/4/22 9:00	s	5,65	s	11,17	s	10,93	s	18,59	5,35	10,07	6,72	18,40
28/4/22 21:00	s	5,65	s	11,18	s	10,97	s	18,59	5,38	10,07	6,74	18,40
29/4/22 9:00	s	5,65	s	11,18	s	10,97	s	18,59	5,36	10,06	6,74	18,40
29/4/22 21:00	s	5,65	s	11,17	s	11,00	s	18,59	5,37	10,06	6,76	18,38
30/4/22 9:00	s	5,66	s	11,16	s	11,01	s	18,58	5,36	10,07	6,76	18,40
30/4/22 21:00	s	5,65	s	11,18	s	11,02	s	18,58	5,33	10,07	6,77	18,38
15/4/22 21:00	s	5,59	s	11,13	s	10,69	s	18,58	5,34	10,03	6,60	18,37
16/4/22 9:00	s	5,60	s	11,12	s	10,70	s	18,58	5,31	10,03	6,61	18,39



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
16/4/22 21:00	s	5,60	s	11,13	s	10,70	s	18,56	5,34	10,04	6,61	18,39
17/4/22 9:00	s	5,60	s	11,13	s	10,69	s	18,58	5,34	10,03	6,61	18,40
17/4/22 21:00	s	5,59	s	11,12	s	10,71	s	18,57	5,33	10,03	6,61	18,40
18/4/22 9:00	s	5,60	s	11,13	s	10,71	s	18,56	5,32	10,04	6,61	18,40
18/4/22 21:00	s	5,60	s	11,14	s	10,71	s	18,58	5,31	10,02	6,62	18,39
19/4/22 9:00	s	5,61	s	11,15	s	10,69	s	18,56	5,34	10,03	6,61	18,41
19/4/22 21:00	s	5,60	s	11,13	s	10,71	s	18,57	5,32	10,02	6,61	18,38
20/4/22 9:00	s	5,61	s	11,15	s	10,71	s	18,57	5,34	10,04	6,61	18,40
20/4/22 21:00	s	5,61	s	11,14	s	10,69	s	18,57	5,34	10,04	6,61	18,40
21/4/22 9:00	s	5,61	s	11,14	s	10,71	s	18,57	5,33	10,03	6,61	18,41
21/4/22 21:00	s	5,60	s	11,14	s	10,71	s	18,56	5,33	10,03	6,61	18,36
22/4/22 9:00	s	5,60	s	11,14	s	10,70	s	18,57	5,32	10,03	6,61	18,37
22/4/22 21:00	s	5,60	s	11,13	s	10,70	s	18,56	5,33	10,02	6,61	18,37
23/4/22 9:00	s	5,62	s	11,16	s	10,73	s	18,58	5,34	10,05	6,62	18,36
23/4/22 21:00	s	5,61	s	11,13	s	10,73	s	18,59	5,32	10,03	6,62	18,37
24/4/22 9:00	s	5,63	s	11,17	s	10,74	s	18,60	5,34	10,05	6,62	18,41
24/4/22 21:00	s	5,62	s	11,17	s	10,73	s	18,59	5,34	10,05	6,62	18,38
25/4/22 9:00	s	5,63	s	11,16	s	10,75	s	18,58	5,33	10,05	6,62	18,40
25/4/22 21:00	s	5,63	s	11,15	s	10,73	s	18,58	5,36	10,04	6,62	18,39
26/4/22 9:00	s	5,63	s	11,16	s	10,79	s	18,58	5,33	10,05	6,64	18,40
26/4/22 21:00	s	5,62	s	11,16	s	10,85	s	18,59	5,34	10,06	6,66	18,37
27/4/22 9:00	s	5,65	s	11,15	s	10,90	s	18,59	5,35	10,06	6,69	18,39
27/4/22 21:00	s	5,64	s	11,17	s	10,92	s	18,60	5,35	10,06	6,71	18,39
28/4/22 9:00	s	5,65	s	11,17	s	10,93	s	18,59	5,35	10,07	6,72	18,40
28/4/22 21:00	s	5,65	s	11,18	s	10,97	s	18,59	5,38	10,07	6,74	18,40
29/4/22 9:00	s	5,65	s	11,18	s	10,97	s	18,59	5,36	10,06	6,74	18,40
29/4/22 21:00	s	5,65	s	11,17	s	11,00	s	18,59	5,37	10,06	6,76	18,38
30/4/22 9:00	s	5,66	s	11,16	s	11,01	s	18,58	5,36	10,07	6,76	18,40
30/4/22 21:00	s	5,65	s	11,18	s	11,02	s	18,58	5,33	10,07	6,77	18,38
1/5/22 9:00	s	5,66	s	11,18	s	11,04	s	18,59	5,38	10,08	6,78	18,39
1/5/22 21:00	s	5,65	s	11,18	s	11,03	s	18,59	5,38	10,06	6,78	18,39
2/5/22 9:00	s	5,67	s	11,18	s	11,05	s	18,59	5,37	10,06	6,79	18,40
2/5/22 21:00	s	5,66	s	11,18	s	11,05	s	18,60	5,36	10,07	6,79	18,39



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
3/5/22 9:00	s	5,67	s	11,18	s	11,06	s	18,59	5,37	10,08	6,79	18,39
3/5/22 21:00	s	5,66	s	11,18	s	11,04	s	18,57	5,35	10,07	6,79	18,37
4/5/22 9:00	s	5,67	s	11,19	s	11,06	s	18,57	5,36	10,07	6,80	18,36
4/5/22 21:00	s	5,67	s	11,20	s	11,06	s	18,58	5,36	10,06	6,80	18,37
5/5/22 9:00	s	5,68	s	11,19	s	11,08	s	18,57	5,38	10,07	6,81	18,39
5/5/22 21:00	s	5,68	s	11,19	s	11,08	s	18,58	5,37	10,07	6,81	18,38
6/5/22 9:00	s	5,68	s	11,19	s	11,08	s	18,60	5,36	10,07	6,81	18,41
6/5/22 21:00	s	5,67	s		s	11,07	s	18,59	5,38	10,06	6,81	18,41
7/5/22 9:00	s	5,68	s	11,20	s	11,09	s	18,59	5,36	10,07	6,81	18,44
7/5/22 21:00	s	5,66	s	11,19	s	11,07	s	18,60	5,38	10,08	6,82	18,39
8/5/22 9:00	s	5,67	s	11,20	s	11,08	s	18,60	5,38	10,08	6,82	18,43
8/5/22 21:00	s	5,66	s	11,21	s	11,07	s	18,59	5,38	10,07	6,82	18,40
9/5/22 9:00	s	5,67	s	11,20	s	11,07	s	18,59	5,37	10,07	6,82	18,42
9/5/22 21:00	s	5,66	s	11,19	s	11,07	s	18,59	5,37	10,08	6,82	18,42
10/5/22 9:00	s	5,67	s	11,20	s	11,07	s	18,59	5,37	10,07	6,82	18,41
10/5/22 21:00	s	5,65	s	11,20	s	11,06	s	18,66	5,37	10,15	6,82	18,40
11/5/22 9:00	s	5,66	s	11,20	s	11,06	s	18,69	5,38	10,17	6,82	18,38
11/5/22 21:00	s	5,64	s	11,19	s	11,06	s	18,68	5,38	10,15	6,82	18,38
12/5/22 9:00	s	5,66	s	11,21	s	11,07	s	18,68	5,39	10,15	6,83	18,38
12/5/22 21:00	s	5,66	s	11,18	s	11,07	s	18,68	5,37	10,15	6,82	18,38
13/5/22 9:00	s	5,67	s	11,20	s	11,08	s	18,68	5,38	10,14	6,83	18,41
13/5/22 21:00	s	5,66	s	11,19	s	11,05	s	18,68	5,37	10,14	6,82	18,40
14/5/22 9:00	s	5,66	s	11,19	s	11,05	s	18,68	5,37	10,14	6,82	18,40
14/5/22 21:00	s	5,65	s	11,17	s	11,07	s	18,66	5,38	10,13	6,82	18,37
15/5/22 9:00	s	5,68	s	11,21	s	11,08	s	18,67	5,40	10,13	6,82	18,41
15/5/22 21:00	s	5,65	s	11,19	s	11,02	s	18,66	5,38	10,13	6,80	18,38
16/5/22 9:00	s	5,67	s	11,21	s	10,95	s	18,66	5,39	10,12	6,78	18,42
16/5/22 21:00	s	5,66	s	11,20	s	10,88	s	18,64	5,37	10,11	6,75	18,40
17/5/22 9:00	s	5,67	s	11,20	s	10,86	s	18,64	5,38	10,11	6,72	18,41
17/5/22 21:00	s	5,66	s	11,21	s	10,81	s	18,64	5,36	10,10	6,70	18,40
18/5/22 9:00	s	5,66	s	11,19	s	10,79	s	18,65	5,38	10,09	6,68	18,40
18/5/22 21:00	s	5,66	s	11,19	s	10,80	s	18,62	5,39	10,09	6,67	
19/5/22 9:00	s	5,68	s	11,18	s	10,86	s	18,62	5,39	10,07	6,69	18,41



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
19/5/22 21:00	s	5,68	s	11,21	s	10,89	s	18,64	5,39	10,09	6,71	18,40
20/5/22 9:00	s	5,70	s	11,19	s	10,94	s	18,62	5,37	10,09	6,74	18,44
20/5/22 21:00	s	5,70	s	11,19	s	10,97	s	18,63	5,37	10,10	6,76	18,44
21/5/22 9:00	s	5,70	s	11,22	s	11,02	s	18,61	5,36	10,09	6,78	18,47
21/5/22 21:00	s		s		s	11,01	s		5,36	10,09		18,45
22/5/22 9:00	s	5,70	s	11,20	s	11,02	s	18,62	5,38	10,10	6,79	18,45
22/5/22 21:00	s	5,70	s	11,21	s	11,05	s	18,64	5,40	10,11	6,80	18,44
23/5/22 9:00	s	5,71	s	11,21	s	11,05	s	18,63	5,38	10,11	6,81	18,45
23/5/22 21:00	7,03	5,71	s	11,22	s	11,07	s	18,64	5,40	10,12	6,82	18,43
24/5/22 9:00	7,02	5,72	s	11,22	s	11,07	s	18,65	5,37	10,11	6,82	18,45
24/5/22 21:00	7,03	5,72	s	11,21	s	11,08	s	18,64	5,38	10,12	6,82	18,45
25/5/22 9:00	7,03	5,73	s	11,23	s	11,06	s	18,63	5,40	10,12	6,82	18,47
25/5/22 21:00	7,03	5,72	s	11,22	s	11,08	s	18,64	5,39	10,12	6,82	18,47
26/5/22 9:00	7,02	5,73	s	11,24	s	11,08	s	18,64	5,41	10,11	6,83	18,47
26/5/22 21:00	7,03	5,71	s	11,22	s	11,08	s	18,64	5,41	10,12	6,83	18,46
27/5/22 9:00	7,03	5,72	s	11,24	s	11,09	s	18,63	5,39	10,11	6,83	18,46
27/5/22 21:00	7,03	5,71	s	11,22	s	11,08	9,02	18,65	5,40	10,12	6,83	18,44
28/5/22 9:00	7,04	5,72	s	11,22	s	11,08	s	18,63	5,38	10,11	6,83	18,46
28/5/22 21:00	7,02	5,70	s	11,22	s	11,06	s	18,64	5,39	10,12	6,83	18,43
29/5/22 9:00	7,03	5,71	s	11,23	s	11,08	9,03	18,64	5,39	10,12	6,84	18,43
29/5/22 21:00	7,03	5,70	s	11,22	s	11,07	s	18,64	5,39	10,11	6,83	18,41
30/5/22 9:00	7,03	5,72	s	11,22	s	11,09	s	18,63	5,39	10,12	6,84	18,44
30/5/22 21:00	7,03	5,70	s	11,24	s	11,10	s	18,63	5,40	10,11	6,84	18,41
31/5/22 9:00	7,02	5,72	s	11,22	s	11,10	s	18,63	5,40	10,12	6,83	18,43
31/5/22 21:00	7,03	5,71	s	11,22	s	11,08	s	18,63	5,41	10,11	6,83	18,4
1/6/22 9:00	7,03	5,73	s	11,23	s	11,11	s	18,65	5,40	10,10	6,84	18,44
1/6/22 21:00	7,02	5,72	s	11,24	s	11,11	s	18,62	5,40	10,12	6,84	18,43
2/6/22 9:00	7,02	5,74	s	11,25	s	11,09	s	18,64	5,40	10,11	6,84	18,43
2/6/22 21:00	7,02	5,72	s	11,24	s	11,11	s	18,62	5,40	10,10	6,84	18,44
3/6/22 9:00	7,03	5,74	s	11,22	s	11,12	s	18,63	5,39	10,11	6,84	18,46
3/6/22 21:00	7,03	5,72	s	11,24	s	11,11	s	18,63	5,40	10,10	6,84	18,44
4/6/22 9:00	7,02	5,75	s	11,24	s	11,09	s	18,62	5,41	10,11	6,84	18,47
4/6/22 21:00	7,03	5,74	s	11,26	s	11,09	s	18,63	5,40	10,10	6,84	18,47



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
5/6/22 9:00	7,04	5,75	s	11,25	s	11,11	s	18,64	5,41	10,11	6,85	18,48
5/6/22 21:00	7,04	5,73	s	11,24	s	11,11	s	18,63	5,43	10,11	6,84	18,47
6/6/22 9:00	7,04	5,74	s	11,25	s	11,11	s	18,63	5,41	10,12	6,85	18,47
6/6/22 21:00	7,03	5,73	s	11,24	s	11,09	s	18,64	5,40	10,13	6,84	18,46
7/6/22 9:00	7,03	5,73	s	11,25	s	11,09	s	18,64	5,41	10,13	6,85	18,46
7/6/22 21:00	7,03	5,73	s	11,27	s	11,10	s	18,65	5,41	10,13	6,85	18,43
8/6/22 9:00	7,04	5,74	s	11,28	s	11,11	s	18,64	5,41	10,12	6,85	18,45
8/6/22 21:00	7,03	5,74	s	11,26	s	11,11	s	18,67	5,40	10,14	6,85	18,43
9/6/22 9:00	7,04	5,74	s	11,25	s	11,12	s	18,65	5,41	10,14	6,85	18,46
9/6/22 21:00	7,04	5,75	s	11,26	s	11,12	s	18,65	5,42	10,13	6,85	18,46
10/6/22 9:00	7,04	5,75	s	11,26	s	11,11	s	18,65	5,41	10,14	6,85	18,46
10/6/22 21:00	7,05	5,75	s	11,25	s	11,11	s	18,64	5,41	10,13	6,85	18,47
11/6/22 9:00	7,04	5,76	s	11,24	s	11,13	s	18,65	5,42	10,13	6,85	18,46
11/6/22 21:00	7,04	5,75	s	11,25	s	11,08	s	18,64	5,42	10,12	6,85	18,47
12/6/22 9:00	7,04	5,76	s	11,25	s	11,10	s	18,63	5,42	10,12	6,85	18,46
12/6/22 21:00	7,04	5,76	s	11,26	s	11,10	s	18,64	5,43	10,12	6,85	18,49
13/6/22 9:00	7,04	5,77	s	11,26	s	11,12	s	18,62	5,42	10,12	6,85	18,47
13/6/22 21:00	7,03	5,76	s	11,26	s	11,11	s	18,62	5,42	10,12	6,85	18,49
14/6/22 9:00	7,04	5,77	s	11,26	s	11,11	s	18,62	5,42	10,10	6,85	18,49
14/6/22 21:00	7,04	5,76	s	11,26	s	11,10	s	18,60	5,41	10,12	6,85	18,49
15/6/22 9:00	7,04	5,77	s	11,27	s	11,12	s	18,62	5,42	10,10	6,85	18,51
15/6/22 21:00	s	5,75	s	11,26	s	11,11	s	18,61	5,43	10,12	6,85	18,48
16/6/22 9:00	7,05	5,76	s	11,26	s	11,11	s	18,62	5,41	10,12	6,85	18,49
16/6/22 21:00	7,04	5,75	s	11,25	s	11,11	s	18,62	5,39	10,11	6,85	18,45
17/6/22 9:00	7,03	5,75	s	11,26	s	11,10	s	18,62	5,41	10,12	6,85	18,48
17/6/22 21:00	7,04	5,75	s	11,24	s	11,10	s	18,62	5,41	10,11	6,85	18,47
18/6/22 9:00	7,04	5,48	s	11,28	s	11,14	s	18,62	5,44	10,11	6,85	18,48
18/6/22 21:00	7,03	5,48	s	11,26	s	11,11	s	18,61	5,42	10,12	6,86	18,49
19/6/22 9:00	7,04	5,80	s	11,25	s	11,12	s	18,62	5,42	10,11	6,86	18,51
19/6/22 21:00	7,04	5,79	s	11,25	s	11,10	s	18,61	5,42	10,11	6,85	18,51
20/6/22 9:00	7,04	5,80	s	11,27	s	11,11	s	18,62	5,43	10,10	6,86	18,51
20/6/22 21:00	7,04	5,78	s	11,26	s	11,12	s	18,62	5,45	10,11	6,86	18,49
21/6/22 9:00	7,04	5,80	s	11,27	s	11,12	s	18,63	5,42	10,10	6,85	18,51



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
21/6/22 21:00	7,04	5,79	s	11,28	s	11,12	s	18,63	5,43	10,11	6,85	18,50
22/6/22 9:00	7,04	5,80	s	11,27	s	11,12	s	18,62	5,42	10,10	6,86	18,50
22/6/22 21:00	7,04	5,79	s	11,27	s	11,13	s		5,42		6,86	18,50
23/6/22 9:00	7,04	5,81	s	11,28	s	11,13	s	18,63	5,44	10,11	6,86	18,52
23/6/22 21:00	7,04	5,79	s	11,28	s	11,11	s	18,63	5,44	10,12	6,86	18,50
24/6/22 9:00	7,04	5,81	s	11,28	s	11,12	s	18,62	5,43	10,12	6,86	18,52
24/6/22 21:00	7,04	5,80	s	11,28	s	11,13	s	18,62	5,43	10,11	6,86	18,51
25/6/22 9:00	7,04	5,81	s	11,28	s	11,12	s	18,63	5,42	10,12	6,86	18,53
25/6/22 21:00	7,04	5,79	s	11,27	s	11,11	s	18,64	5,45	10,12	6,86	18,50
26/6/22 9:00	7,04	5,81	s	11,27	s	11,13	s	18,63	5,44	10,12	6,86	18,52
26/6/22 21:00	7,03	5,79	s	11,28	s	11,14	s	18,63	5,42	10,11	6,86	18,51
27/6/22 9:00	7,04	5,81	s	11,30	s	11,11	s	18,62	5,42	10,13	6,86	18,52
27/6/22 21:00	7,04	5,80	s	11,28	s	11,12	s	18,63	5,43	10,13	6,86	18,51
28/6/22 9:00	7,04	5,83	s	11,27	s	11,12	s	18,63	5,42	10,12	6,86	18,53
28/6/22 21:00	7,04	5,81	s	11,29	s	11,14	s	18,62	5,44	10,12	6,86	18,50
29/6/22 9:00	7,04	5,81	s	11,29	s	11,13	s	18,63	5,44	10,13	6,86	18,51
29/6/22 21:00	7,04	5,80	s	11,28	s	11,13	s	18,63	5,46	10,12	6,86	18,50
30/6/22 9:00	7,04	5,82	s	11,28	s	11,12	s	18,62	5,43	10,11	6,86	18,50
30/6/22 21:00	7,04	5,81	s	11,28	s	11,12	s	18,62	5,43	10,11	6,85	18,51
1/7/22 9:00	7,04	5,82	s	11,29	s	11,11	s	18,62	5,45	10,11	6,86	18,53
1/7/22 21:00	7,04	5,81	s	11,29	s	11,13	s	18,62	5,45	10,12	6,86	18,51
2/7/22 9:00	7,04	5,84	s	11,30	s	11,12	s	18,62	5,45	10,12	6,86	18,54
2/7/22 21:00	7,04	5,84	s	11,29	s	11,13	s	18,62	5,45	10,11	6,86	18,55
3/7/22 9:00	7,04	5,85	s	11,29	s	11,13	s	18,63	5,45	10,11	6,86	18,56
3/7/22 21:00	7,04	5,84	s	11,31	s	11,10	s	18,62	5,45	10,11	6,87	18,55
4/7/22 9:00	7,03	5,85	s	11,30	s	11,16	s	18,62	5,46	10,11	6,86	18,56
4/7/22 21:00	7,05	5,82	s	11,31	s	11,13	s	18,62	5,43	10,11	6,86	18,53
5/7/22 9:00	7,04	5,83	s	11,30	s	11,13	s	18,60	5,46	10,12	6,86	18,55
5/7/22 21:00	7,04	5,82	s	11,31	s	11,13	s	18,61	5,44	10,11	6,86	18,53
6/7/22 9:00	7,03	5,82	s	11,29	s	11,12	s	18,61	5,45	10,10	6,86	18,54
6/7/22 21:00	7,04	5,81	s	11,30	s	11,15	s	18,62	5,44	10,12	6,86	18,51
7/7/22 9:00	7,03	5,84	s	11,31	s	11,13	s	18,63	5,45	10,12	6,86	18,52
7/7/22 21:00	7,04	5,83	s	11,31	s	11,14	s	18,62	5,45	10,12	6,86	18,54



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
8/7/22 9:00	7,04	5,85	s	11,31	s	11,15	s	18,62	5,45	10,12	6,87	18,57
8/7/22 21:00	7,04	5,84	s	11,30	s	11,13	s	18,62	5,44	10,13	6,86	18,55
9/7/22 9:00	7,04	5,86	s	11,31	s	11,13	s	18,63	5,45	10,11	6,86	18,58
9/7/22 21:00	7,04	5,84	s	11,31	s	11,13	s	18,62	5,46	10,11	6,86	18,54
10/7/22 9:00	7,04	5,85	s	11,31	s	11,16	s	18,61	5,47	10,11	6,86	18,55
10/7/22 21:00	7,04	5,83	s	11,32	s	11,15	s	18,63	5,47	10,11	6,86	18,53
11/7/22 9:00	7,04	5,84	s	11,31	s	11,16	s	18,61	5,45	10,11	6,86	18,53
11/7/22 21:00	7,03	5,84	s	11,30	s	11,15	s	18,62	5,48	10,12	6,86	18,53
12/7/22 9:00	7,04	5,87	s	11,32	s	11,15	s	18,61	5,45	10,12	6,87	18,54
12/7/22 21:00	7,04	5,85	s	11,32	s	11,16	s	18,62	5,46	10,11	6,87	18,53
13/7/22 9:00	7,04	5,88	s	11,32	s	11,16	s	18,62	5,47	10,12	6,87	18,54
13/7/22 21:00	7,04	5,87	s	11,32	s	11,19	s	18,61	5,46	10,10	6,88	18,54
14/7/22 9:00	7,04	5,88	s	11,32	s	11,19	s	18,60	5,47	10,10	6,87	18,56
14/7/22 21:00	7,03	5,86	s	11,33	s	11,17	s	18,60	5,47	10,12	6,87	18,55
15/7/22 9:00	7,04	5,88	s	11,33	s	11,17	s	18,61	5,47	10,12	6,88	18,57
15/7/22 21:00	7,04	5,86	s	11,33	s	11,17	s	18,62	5,48	10,12	6,87	18,55
16/7/22 9:00	7,04	5,88	s	11,33	s	11,18	s	18,62	5,46	10,12	6,88	18,55
16/7/22 21:00	7,04	5,87	s	11,33	s	11,19	s	18,62	5,47	10,11	6,88	18,55
17/7/22 9:00	7,04	5,89	s	11,34	s	11,18	s	18,61	5,47	10,11	6,88	18,57
17/7/22 21:00	7,04	5,88	s	11,33	s	11,16	s	18,62	5,46	10,12	6,87	18,56
18/7/22 9:00	7,04	5,90	s	11,34	s	11,17	s	18,62	5,47	10,11	6,87	18,58
18/7/22 21:00	7,04	5,89	s	11,34	s	11,17	s	18,62	5,47	10,11	6,88	18,58
19/7/22 9:00	7,04	5,90	s	11,34	s	11,16	s	18,62	5,47	10,12	6,88	18,59
19/7/22 21:00	7,04	5,88	s	11,32	s	11,16	s	18,62	5,49	10,12	6,88	18,57
20/7/22 9:00	7,04	5,88	s	11,34	s	11,14	s	18,62	5,48	10,11	6,87	18,59
20/7/22 21:00	7,04	5,86	s	11,32	s	11,13	s	18,61	5,50	10,13	6,88	18,57
21/7/22 9:00	7,04	5,87	s	11,35	s	11,14	s	18,63	5,47	10,12	6,88	18,58
21/7/22 21:00	7,04	5,87	s	11,33	s	11,15	s	18,62		10,13	6,87	18,57
22/7/22 9:00	7,04	5,88	s	11,34	s	11,14	s	18,62	5,48	10,13	6,88	18,57
22/7/22 21:00	7,04	5,87	s	11,34	s	11,16	s	18,70	5,47	10,18	6,88	18,57
23/7/22 9:00	7,04	5,88	s	11,34	s	11,14	s	18,78	5,48	10,23	6,88	18,60
23/7/22 21:00	7,04	5,87	s	11,34	s		s	18,78	5,47		6,88	18,58
24/7/22 9:00	7,05	5,88	s	11,35	s	11,14	s	18,76	5,49	10,23	6,89	18,59



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
24/7/22 21:00	s	5,88	s	11,35	s	11,15	s	18,76	5,48	10,25	6,89	18,58
25/7/22 9:00	7,05	5,89	s	11,34	s	11,15	s	18,77	5,48	10,24	6,88	18,61
25/7/22 21:00	7,05	5,88	s	11,35	s	11,16	s	18,77	5,49	10,24	6,89	18,60
26/7/22 9:00	7,05	5,90	s	11,34	s	11,17	s	18,78	5,48	10,23	6,89	18,61
26/7/22 21:00												
27/7/22 9:00	7,04	5,90	s	11,34	s	11,16	s	18,76	5,49	10,24	6,89	18,60
27/7/22 21:00	7,05	5,88	s	11,34	s	11,16	s	18,74	5,50	10,22	6,89	18,59
28/7/22 9:00	s	5,89	s	11,35	s	11,16	s	18,75	5,49	10,22	6,89	18,58
28/7/22 21:00	s	5,87	s	11,36	s	11,17	s	18,76	5,49	10,23	6,89	18,56
29/7/22 9:00	s	5,89	s	11,35	s	11,18	s	18,74	5,49	10,22	6,89	18,58
29/7/22 21:00	7,05	5,88	s	11,37	s	11,18	9,03	18,75	5,50	10,22	6,89	18,58
30/7/22 9:00	s	5,91	s	11,34	s	11,21	s	18,76	5,40	10,23	6,90	18,59
30/7/22 21:00	7,05	5,91	s	11,35	s	11,21	s	18,76	5,49	10,23	6,91	18,61
31/7/22 9:00	S	5,93	s	11,36	s	11,20	s	18,76	5,50	10,22	6,91	18,63
31/7/22 21:00	S	5,92	s	11,36	s	11,21	s	18,75	5,49	10,24	6,91	18,63
1/8/22 9:00	7,05	5,93	s	11,37	s	11,23	s	18,75	5,51	10,23	6,91	18,62
1/8/22 21:00	s	5,93	s	11,38	s	11,22	s	18,77	5,50	10,24	6,91	18,62
2/8/22 9:00	s	5,94	s	11,38	s	11,24	s	18,75	5,52	10,24	6,91	18,63
2/8/22 21:00	s	5,93	s	11,37	s	11,24	s	18,75			6,92	
3/8/22 9:00	s	5,95	s	11,39	s	11,24	s	18,76	5,52	10,24	6,92	18,63
3/8/22 21:00	s	5,93	s	11,37	s	11,24	s	18,75	5,5	10,23	6,92	18,63
4/8/22 9:00	s	5,95	s	11,37	s	11,23	s	18,76	5,51	10,23	6,92	18,64
4/8/22 21:00	s	5,93	s	11,39	s	11,22	s	18,77	5,50	10,23	6,92	18,63
5/8/22 9:00	s	5,93	s	11,40	s		s	18,75	5,51	10,22	6,92	18,63
5/8/22 21:00	s	5,93	s	11,39	s	11,23	s	18,75	5,52	10,24	6,92	18,62
6/8/22 9:00	s	5,94	s	11,37	s	11,23	s	18,76	5,54	10,23	6,92	18,64
6/8/22 21:00	s	5,93	s	11,41	s	11,23	s	18,75	5,52	10,24	6,92	18,62
7/8/22 9:00	s	5,95	s	11,39	s	11,23	s	18,75	5,52	10,22	6,92	18,64
7/8/22 21:00	s	5,93	s	11,40	s	11,23	s	18,76	5,52	10,23	6,92	18,63
8/8/22 9:00	s	5,95	s	11,38	s	11,23	s	18,75	5,52	10,25	6,92	18,66
8/8/22 21:00	s	5,95	s	11,39	s		s	18,76	5,52	10,24	6,92	18,65
9/8/22 9:00	s	5,97	s	11,39	s	11,23	s	18,76	5,53	10,23	6,92	18,68
9/8/22 21:00	s	5,95	s	11,40	s	11,22	s	18,75	5,51	10,24	6,92	18,67



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
10/8/22 9:00	s	5,95	s	11,38	s	11,22	s	18,75	5,52	10,24	6,91	18,67
10/8/22 21:00	s	5,97	s	11,38	s	11,21	s	18,76	5,51	10,23	6,92	18,68
11/8/22 9:00	s	5,97	s	11,38	s	11,21	s	18,75	5,52	10,23	6,92	18,70
12/8/22 9:00	s	5,99	s	11,40	s	11,23	s	18,95	5,50	10,39	6,93	18,72
12/8/22 21:00	s	5,97	s	11,37	s	11,20	s	18,97	5,52	10,39	6,93	18,73
13/8/22 9:00	s	5,99	s	11,39	s	11,21	s	18,98	5,51	10,40	6,93	18,75
13/8/22 21:00	s	5,97	s	11,39	s	11,21	s	18,96	5,53	10,40	6,92	18,73
14/8/22 9:00	s	5,98	s	11,40	s	11,21	s	18,96	5,49	10,40	6,93	18,74
14/8/22 21:00	s	5,97	s	11,38	s	11,21	s	18,95	5,52	10,39	6,92	18,72
15/8/22 9:00	s	5,97	s	11,38	s	11,20	s	18,95	5,51	10,39	6,92	18,75
15/8/22 21:00	s	5,95	s	11,38	s	11,21	s	18,96	5,53	10,38	6,91	18,71
16/8/22 9:00	s	5,97	s	11,39	s	11,20	s	18,94	5,52	10,39	6,91	18,73
16/8/22 21:00	s	5,95	s	11,39	s	11,21	s	18,95	5,51	10,39	6,92	18,71
17/8/22 9:00	s	5,96	s	11,40	s	11,21	s	18,94	5,51	10,37	6,91	18,73
17/8/22 21:00	s	5,96	s	11,39	s	11,19	s	18,95	5,51	10,35	6,92	18,72
18/8/22 9:00	s	5,97	s	11,40	s	11,20	s	18,95	5,51	10,38	6,92	18,73
18/8/22 21:00	s	5,98	s	11,39	s	11,22	s	18,94	5,52	10,39	6,92	18,75
19/8/22 9:00	s	6,00	s	11,39	s	11,22	s	18,94	5,53	10,38	6,93	18,78
19/8/22 21:00	s	5,99	s	11,40	s	11,23	s	18,94	5,52	10,38	6,93	18,76
20/8/22 9:00	s	6,02	s	11,39	s	11,24	s	18,94	5,53	10,39	6,93	18,80
20/8/22 21:00	s	6,01	s	11,41	s	11,24	s	18,94	5,52	10,39	6,93	18,81
21/8/22 9:00	s	6,03	s	11,40	s	11,24	s	18,93	5,53	10,39	6,93	18,80
21/8/22 21:00	s	6,01	s	11,40	s	11,24	s	18,95	5,53	10,40	6,93	18,80
22/8/22 9:00	s	6,02	s	11,42	s	11,24	s	18,94	5,54	10,39	6,94	18,82
22/8/22 21:00	s	6,00	s	11,41	s	11,24	s	18,96	5,54	10,38	6,93	18,79
23/8/22 9:00	s	6,02	s	11,41	s	11,26	s	18,95	5,53	10,40	6,94	18,82
23/8/22 21:00	s	6,00	s	11,41	s	11,25	s	18,94	5,55	10,39	6,94	18,79
24/8/22 9:00	s	6,04	s	11,42	s	11,27	s	18,94	5,55	10,39	6,94	18,84
24/8/22 21:00	s	6,02	s	11,42	s	11,29	s	18,94	5,54	10,38	6,94	18,82
25/8/22 9:00	s	6,03	s	11,42	s	11,29	s	18,95	5,55	10,39	6,95	18,84
25/8/22 9:00	s	6,03	s	11,42	s	11,29	s	18,95	5,55	10,39	6,95	18,84
25/8/22 21:00	s	6,03	s	11,43	s	11,27	s	18,95	5,54	10,40	6,95	18,83
26/8/22 9:00	s	6,03	s	11,42	s	11,28	s	18,94	5,55	10,39	6,95	18,84



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
26/8/22 21:00	s	6,01	s	11,43	s	11,27	s	18,95	5,56	10,40	6,95	18,81
27/8/22 9:00	s	6,03	s	11,44	s	11,29	s	18,94	5,55	10,39	6,96	18,83
27/8/22 21:00	s	6,02	s	11,43	s	11,29	s	18,94	5,55	10,40	6,95	18,82
28/8/22 9:00	s	6,04	s	11,42	s	11,31	s	18,96	5,56	10,41	6,96	18,84
28/8/22 21:00	s	6,03	s	11,45	s	11,32	s	18,94	5,56	10,40	6,96	18,82
29/8/22 9:00	s	6,05	s	11,44	s	11,31	s	18,95	5,57	10,40	6,96	18,85
29/8/22 21:00	s	6,05	s	11,44	s	11,31	s	18,92	5,57	10,39	6,97	18,84
30/8/22 9:00	s	6,07	s	11,46	s	11,32	s	18,94	5,56	10,40	6,97	18,86
30/8/22 21:00	s	6,06	s	11,45	s	11,32	s	18,95	5,57	10,40	6,97	18,86
31/8/22 9:00	s	6,08	s	11,45	s	11,32	s	18,95	5,57	10,40	6,97	18,86
31/8/22 21:00	s	6,05	s	11,47	s	11,32	s	18,94	5,57	10,39	6,97	18,86
1/9/22 9:00	s	6,08	s	11,46	s	11,32	s	18,94	5,57	10,39	6,98	18,86
1/9/22 21:00	s	6,04	s	11,47	s	11,31	s	18,95	5,58	10,39	6,97	18,85
2/9/22 9:00	s	6,08	s	11,44	s	11,33	s	18,95	5,57	10,39	6,98	18,89
2/9/22 21:00	s	6,05	s	11,46	s	11,35	s	18,94	5,57	10,41	6,97	18,87
3/9/22 9:00	s	6,06	s	11,45	s	11,32	s	18,95	5,57	10,39	6,98	18,88
3/9/22 21:00	s	6,05	s	11,47	s	11,32	s	18,95	5,57	10,39	6,98	18,86
4/9/22 9:00	s	6,08	s	11,46	s	11,33	s	18,96	5,57	10,40	6,98	18,88
4/9/22 21:00	s	6,06	s	11,46	s	11,32	s	18,96	5,57	10,41	6,98	18,87
5/9/22 9:00	s	6,09	s	11,46	s	11,34	s	18,96	5,57	10,41	6,98	18,91
5/9/22 21:00	s	6,08	s	11,46	s	11,33	s	18,95	5,58	10,40	6,98	18,89
6/9/22 9:00	s	6,11	s	11,46	s	11,32	s	18,95	5,58	10,41	6,98	18,92
6/9/22 21:00	s	6,09	s	11,46	s	11,34	s	18,96	5,58	10,42	6,97	18,92
7/9/22 9:00	s	6,09	s	11,47	s	11,34	s	18,95	5,58	10,41	6,98	18,93
7/9/22 21:00	s	6,07	s	11,47	s	11,33	9,03	18,93	5,57	10,40	6,97	18,92
8/9/22 9:00	s	6,08	s	11,47	s	11,32	s	18,96	5,59	10,40	6,97	18,90
9/9/22 9:00	s	6,10	s	11,48	s	11,33	s	18,95	5,58	10,41	6,98	18,93
9/9/22 21:00	s	6,08	s	11,48	s	11,31	s	18,94	5,58	10,41	6,97	18,91
10/9/22 9:00	s	6,09	s	11,48	s	11,33	s	18,95	5,58	10,41	6,97	18,94
10/9/22 21:00	s	6,08	s	11,48	s	11,33	s	18,96	5,59	10,40	6,97	18,91
11/9/22 9:00	s	6,08	s	11,48	s	11,32	s	18,94	5,60	10,40	6,97	18,94
11/9/22 21:00	s	6,07	s	11,48	s	11,31	9,02	18,93	5,59	10,40	6,97	18,89
12/9/22 9:00	s	6,09	s	11,48	s	11,32	s	18,96	5,58	10,41	6,97	18,91



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
12/9/22 21:00	s	6,06	s	11,48	s	11,32	s	18,97	5,58	10,41	6,97	18,89
13/9/22 9:00	s	6,08	s	11,48	s	11,32	s	18,94	5,57	10,42	6,97	18,92
13/9/22 21:00	s	6,06	s	11,47	s	11,34	s	18,96	5,59	10,41	6,97	18,90
14/9/22 9:00	s	6,09	s	11,47	s	11,33	s	18,94	5,61	10,39	6,97	18,91
14/9/22 21:00	s	6,08	s	11,47	s	11,32	s	18,95	5,58	10,41	6,97	18,90
15/9/22 9:00	s	6,10	s	11,49	s	11,33	s	18,95	5,58	10,40	6,98	18,91
15/9/22 21:00	s	6,10	s	11,49	s	11,33	s	18,94	5,59	10,40	6,97	18,93
16/9/22 9:00	s	6,10	s	11,48	s	11,33	s	18,94	5,59	10,40	6,96	18,92
16/9/22 21:00	s	6,10	s	11,50	s	11,33	s	18,94	5,59	10,40	6,97	18,91
17/9/22 9:00	s	6,11	s	11,49	s	11,34	s	18,95	5,59	10,40	6,97	18,93
17/9/22 21:00	s	6,1	s	11,49	s	11,33	s	18,94	5,57	10,40	6,98	18,92
18/9/22 9:00	s	6,11	s	11,47	s	11,34	s	18,95	5,57	10,40	6,97	18,95
18/9/22 21:00	s	6,09	s	11,48	s	11,32	s	18,94	5,6	10,41	6,96	18,90
19/9/22 9:00	s	6,11	s	11,47	s	11,34	s	18,95	5,59	10,40	6,97	18,93
19/9/22 21:00	s	6,07	s	11,49	s	11,32	s	18,93	5,58	10,41	6,96	18,92
20/9/22 9:00	s	6,10	s	11,49	s	11,33	s	18,94	5,59	10,40	6,97	18,93
20/9/22 21:00	s	6,08	s	11,49	s	11,33	s	18,94	5,6	10,39	6,96	18,92
21/9/22 9:00	s	6,09	s	11,48	s	11,33	s	18,94	5,58	10,41	6,97	18,93
21/9/22 21:00	s	6,06	s	11,48	s	11,31	s	18,93	5,58	10,41	6,96	18,90
22/9/22 9:00	s	6,09	s	11,49	s	11,32	s	18,93	5,58	10,39	6,95	18,91
22/9/22 21:00	s	6,09	s	11,47	s	11,28	s	18,95	5,58	10,39	6,95	18,92
23/9/22 9:00	s	6,10	s	11,48	s	11,30	s	18,95	5,58	10,40	6,96	18,93
23/9/22 21:00	s	6,09	s		s	11,28	s	18,94		10,40	6,96	18,94
24/9/22 9:00	s	6,09	s	11,46	s	11,29	s	18,94	5,56	10,40	6,95	18,95
24/9/22 21:00	s	6,08	s	11,46	s	11,26	s	18,95	5,58	10,40	6,95	18,94
25/9/22 9:00	s	6,10	s	11,45	s	11,27	s	18,94	5,57	10,40	6,95	18,96
25/9/22 21:00	s	6,07	s	11,44	s	11,27	s	18,95	5,56	10,40	6,94	18,92
26/9/22 9:00	s	6,08	s	11,46	s	11,26	s	18,94	5,57	10,40	6,94	18,97
26/9/22 21:00	s	6,07	s	11,46	s	11,25	s	18,94	5,56	10,39	6,94	18,96
27/9/22 9:00	s	6,09	s	11,46	s	11,26	s	18,94	5,57	10,39	6,93	18,98
27/9/22 21:00	s	6,06	s	11,44	s	11,25	s	18,93	5,57	10,39	6,93	18,96
28/9/22 9:00	s	6,07	s	11,45	s	11,25	s	18,94	5,56	10,40	6,93	18,96
28/9/22 21:00	s	6,06	s	11,44	s	11,24	s	18,95	5,55	10,39	6,94	18,96



Data	PZ-101	PZ-102	PZ-103	PZ-104	PZ-106	PZ-110	PZ-113	PZ-114	PZ-115	PZ-116	PZ-117	PZ-118
29/9/22 9:00	s	6,07	s	11,44	s	11,25	s	18,93	5,54	10,39	6,93	18,96
29/9/22 21:00	s	6,06	s	11,42	s	11,23	s	18,93	5,53	10,40	6,93	18,95
30/9/22 9:00	s	6,07	s	11,43	s	11,25	s	18,94	5,55	10,39	6,93	18,98
30/9/22 21:00	s	6,07	s	11,45	s	11,24	s	18,92	5,54	10,39	6,92	18,99

ANEXO I

REGISTROS DAS LEITURAS DOS PIEZÔMETROS e INDICADOR DE NÍVEL DE ÁGUA

Abril 2022 a Setembro 2022

BARRAGEM B1B4 – INA - B1

DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
1/4/22 9:00	s	27,56	11,01	31,05	16,77	s	s	s	s
1/4/22 21:00	s	27,57	10,99	31,03	16,77	s	s	s	s
2/4/22 9:00	s	27,57	11,00	31,03	16,78	s	s	s	s
2/4/22 21:00	s	27,57	11,01	31,01	16,77	s	s	s	s
3/4/22 9:00	s	27,55	11,02	31,02	16,80	s	s	s	s
3/4/22 21:00	s	27,57	11,01	31,02	16,78	s	s	s	s
4/4/22 9:00	s	27,56	11,01	31,03	16,78	s	s	s	s
4/4/22 21:00	s	27,55	11,01	31,02	16,77	s	s	s	s
5/4/22 9:00	s	27,56	11,03	31,04	16,79	s	s	s	s
5/4/22 21:00	s	27,56	11,00	31,03	16,80	s	s	s	s
6/4/22 9:00	s	27,55	11,02	31,04	16,82	s	s	s	s
6/4/22 21:00	s	27,56	11,02	31,02	16,80	s	s	s	s
7/4/22 9:00	s	27,53		31,03	16,81	s	s	s	s
7/4/22 21:00	s	27,56	11,02	31,01	16,81	s	s	s	s
8/4/22 9:00	s	27,54	11,04	31,04	16,82	s	s	s	s
8/4/22 21:00	s	27,53	11,05	31,03	16,82	s	s	s	s
9/4/22 9:00	s	27,55	11,05	31,02	16,83	s	s	s	s
9/4/22 21:00	s	27,53	11,05	31,04	16,81	s	s	s	s
10/4/22 9:00	s	27,50	11,04	31,02	16,83	s	s	s	s
10/4/22 21:00	s	27,51	11,04	31,02	16,84	s	s	s	s
11/4/22 9:00	s	27,52	11,06	31,04	16,84	s	s	s	s
11/4/22 21:00	s	27,55	11,04	31,04	16,83	s	s	s	s
12/4/22 9:00	s	27,51	11,07	31,03	16,87	s	s	s	s
12/4/22 21:00	s	27,51	11,06	31,02	16,87	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
14/4/22 9:00	s	27,53	11,05	31,02	16,86	s	s	s	s
14/4/22 21:00	s	27,52	11,06	31,03	16,88	s	s	s	s
15/4/22 9:00	s	27,52	11,07	31,03	16,86	s	s	s	s
15/4/22 21:00	s	27,52	11,08	31,02	16,86	s	s	s	s
16/4/22 9:00	s	27,53	11,10	31,03	16,91	s	s	s	s
16/4/22 21:00	s	27,53	11,08	31,04	16,89	s	s	s	s
17/4/22 9:00	s	27,54	11,09	31,02	16,91	s	s	s	s
17/4/22 21:00	s	27,51	11,10	31,04	16,90	s	s	s	s
18/4/22 9:00	s	27,53	11,10	31,04	16,90	s	s	s	s
18/4/22 21:00	s	27,51	11,08	31,03	16,90	s	s	s	s
19/4/22 9:00	s	27,51	11,12	31,02	16,92	s	s	s	s
19/4/22 21:00	s	27,49	11,10	31,01	16,90	s	s	s	s
20/4/22 9:00	s	27,54	11,11	31,02	16,92	s	s	s	s
20/4/22 21:00	s	27,52	11,11	31,02	16,92	s	s	s	s
21/4/22 9:00	s	27,53	11,11	31,03	16,92	s	s	s	s
21/4/22 21:00	s	27,48	11,11	31,00	16,92	s	s	s	s
22/4/22 9:00	s	27,50	11,11	31,02	16,93	s	s	s	s
22/4/22 21:00	s	27,50	11,12	31,03	16,92	s	s	s	s
23/4/22 9:00	s	27,51	11,12	31,02	16,94	s	s	s	s
23/4/22 21:00	s	27,52	11,11	31,02	16,92	s	s	s	s
24/4/22 9:00	s	27,53	11,15	31,04	16,96	s	s	s	s
24/4/22 21:00	s	27,50	11,14	31,04	16,95	s	s	s	s
25/4/22 9:00	s	27,51	11,13	31,03	16,98	s	s	s	s
25/4/22 21:00	s	27,52	11,13	31,03	16,99	s	s	s	s
26/4/22 9:00	s	27,51	11,14	31,02	16,99	s	s	s	s
26/4/22 21:00	s	27,52	11,14	31,01	16,97	s	s	s	s
27/4/22 9:00	s	27,53	11,16	31,05	17,01	s	s	s	s
27/4/22 21:00	s	27,50	11,14	31,04	17,01	s	s	s	s
28/4/22 9:00	s	27,50	11,16	31,04	17,04	s	s	s	s
28/4/22 21:00	s	27,50	11,14	31,01	17,03	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
29/4/22 9:00	s	27,53	11,15	31,04	17,02	s	s	s	s
29/4/22 21:00	s		11,16	31,02	17,04	s	s	s	s
30/4/22 9:00	s	27,51	11,17	31,05	17,05	s	s	s	s
30/4/22 21:00	s	27,49	11,17	31,04	17,05	s	s	s	s
1/5/22 9:00	s	27,50	11,16	31,02	17,06	s	s	s	s
1/5/22 21:00	s	27,51	11,16	31,03	17,05	s	s	s	s
2/5/22 9:00	s	27,51	11,18	31,02	17,08	s	s	s	s
2/5/22 21:00	s	27,51	11,18	31,03	17,07	s	s	s	s
3/5/22 9:00	s	27,54	11,18	31,02	17,07	s	s	s	s
3/5/22 21:00	s	27,55	11,17	31,02	17,06	s	s	s	s
4/5/22 9:00	s	27,52	11,18	31,02	17,09	s	s	s	s
4/5/22 21:00	s	27,52	11,20	31,02	17,10	s	s	s	s
5/5/22 9:00	s	27,52	11,20	31,03	17,10	s	s	s	s
5/5/22 21:00	s	27,50	11,20	31,04	17,10	s	s	s	s
6/5/22 9:00	20,30	27,52	11,21	31,03	17,09	s	s	s	s
6/5/22 21:00	20,30	27,51	11,20	31,01	17,11	s	s	s	s
7/5/22 9:00	20,31	27,53	11,21	31,04	17,13	s	s	s	s
7/5/22 21:00	20,28	27,49	11,19	31,03	17,11	s	s	s	s
8/5/22 9:00	20,30	27,52	11,21	31,03	17,12	s	s	s	s
8/5/22 21:00	20,29	27,51	11,21	31,03	17,11	s	s	s	s
9/5/22 9:00	20,31	27,49	11,22	31,05	17,15	s	s	s	s
9/5/22 21:00	20,28	27,51	11,20	31,03	17,14	s	s	s	s
10/5/22 9:00	20,29	27,52	11,22	31,03	17,16	s	s	s	s
10/5/22 21:00	20,28	27,52	11,22	31,04	17,18	s	s	s	s
11/5/22 9:00	20,28	27,50	11,23	31,04		s	s	s	s
11/5/22 21:00	20,27	27,51	11,22	31,04	17,26	s	s	s	s
12/5/22 9:00	20,30	27,51	11,23	31,05	17,28	s	s	s	s
12/5/22 21:00	20,28	27,49	11,23	31,03	17,31	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
13/5/22 9:00	20,31	27,53	11,24	31,05	17,35	s	s	s	s
13/5/22 21:00	20,30	27,51	11,27	31,05	17,35	s	s	s	s
14/5/22 9:00	20,30	27,50	11,26	31,04	17,38	s	s	s	s
14/5/22 21:00	20,27	27,53	11,24	31,00	17,39	s	s	s	s
15/5/22 9:00	20,29	27,52	11,27	31,04	17,44	s	s	s	s
15/5/22 21:00	20,26	27,51	11,26	31,03	17,43	s	s	s	s
16/5/22 9:00	20,31	27,52	11,28	31,04	17,47	s	s	s	s
16/5/22 21:00	20,29	27,50	11,27	31,04	17,47	s	s	s	s
17/5/22 9:00	20,30	27,53	11,30	31,04		s	s	s	s
17/5/22 21:00	20,27	27,52	11,27	31,04	17,51	s	s	s	s
18/5/22 9:00	20,29	27,52		31,03	17,52	s	s	s	s
18/5/22 21:00	20,27	27,50	11,27	31,01	17,53	s	s	s	s
19/5/22 9:00	20,27	27,51	11,28	31,04	17,57	s	s	s	s
19/5/22 21:00	20,29	27,54	11,31	31,04	17,61	s	s	s	s
20/5/22 9:00	20,33	27,52	11,32	31,03	17,59	s	s	s	s
20/5/22 21:00	20,32	27,52	11,29	31,05	17,62	s	s	s	s
21/5/22 9:00	20,33	27,52	11,33	31,06	17,64	s	s	s	s
21/5/22 21:00	20,32	27,52	11,33	31,04	17,65	s	s	s	s
22/5/22 9:00	20,32	27,52	11,34	31,05	17,69	s	s	s	s
22/5/22 21:00	20,29	27,49	11,32	31,03	17,68	s	s	s	s
23/5/22 9:00	20,32	27,52	11,32	31,04	17,71	s	s	s	s
23/5/22 21:00	20,29	27,54	11,31	31,05	17,71	s	s	s	s
24/5/22 9:00	20,32	27,52	11,34	31,04	17,74	s	s	s	s
24/5/22 21:00	20,32	27,51	11,35	31,05		s	s	s	s
25/5/22 9:00	s	27,52	11,35	31,06	17,79	s	s	s	s
25/5/22 21:00	20,32	27,52	11,36	31,04	17,79	s	s	s	s
26/5/22 9:00		27,51	11,36	31,03		s	s	s	s
26/5/22 21:00	20,33	27,51	11,33	31,05		s	s	s	s
27/5/22 9:00	s	27,53	11,36	31,06		s	s	s	s
27/5/22 21:00				31,03		s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
28/5/22 9:00		27,50	11,35	31,04		s	s	s	s
28/5/22 21:00	20,33	27,55	11,35	31,03		s	s	s	s
29/5/22 9:00	s	27,51	11,37	31,06		s	s	s	s
29/5/22 21:00	s	27,53	11,37	31,04		s	s	s	s
30/5/22 9:00	s	27,50	11,38	31,02		s	s	s	s
30/5/22 21:00	s	27,53		31,05	17,89	s	s	s	s
31/5/22 9:00	s	27,51	11,36	31,04	17,92	s	s	s	s
31/5/22 21:00	s	27,52	11,37	31,03	17,74	s	s	s	s
1/6/22 9:00	s	27,50		31,04	17,35	s	s	s	s
1/6/22 21:00	s	27,51	11,34	31,05	17,17	s	s	s	s
2/6/22 9:00	s	27,53	11,34	31,04	17,51	s	s	s	s
2/6/22 21:00	s	27,55	11,35	31,03	17,60	s	s	s	s
3/6/22 9:00	s	27,51	11,36	31,04	17,69	s	s	s	s
3/6/22 21:00	s	27,51	11,36	31,03	17,73	s	s	s	s
4/6/22 9:00	s	27,51	11,38	31,06	17,79	s	s	s	s
4/6/22 21:00	s	27,53	11,38	31,04	17,80	s	s	s	s
5/6/22 9:00	s	27,54	11,40	31,06	17,86	s	s	s	s
5/6/22 21:00	s	27,51	11,39	31,03	17,86	s	s	s	s
6/6/22 9:00	s	27,54	11,40	31,04	17,91	s	s	s	s
6/6/22 21:00	s	27,52	11,38	31,03	17,92	s	s	s	s
7/6/22 9:00	s	27,51	11,39	31,03	17,94	s	s	s	s
7/6/22 21:00	s	27,53	11,38	31,01	17,96	s	s	s	s
8/6/22 9:00	s	27,50	11,40	31,07	17,99	s	s	s	s
8/6/22 21:00	s	27,53	11,40	31,03	17,98	s	s	s	s
9/6/22 9:00	s	27,51	11,42	31,05	18,02	s	s	s	s
9/6/22 21:00	s	27,49	11,42	31,02	18,03	s	s	s	s
10/6/22 9:00	s	27,52	11,42	31,06	18,05	s	s	s	s
10/6/22 21:00	s	27,52	11,41	31,03	18,06	s	s	s	s
11/6/22 9:00	s	27,53	11,43	31,04	18,09	s	s	s	s
11/6/22 21:00	s	27,50	11,43	31,02	18,08	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
12/6/22 9:00	s	27,51	11,43	31,05	18,12	s	s	s	s
12/6/22 21:00	s	27,50	11,44	31,02	18,14	s		s	s
13/6/22 9:00	s	27,52	11,45	31,05	18,15	s	s	s	s
13/6/22 21:00	s	27,50	11,43	31,04	18,16	s	s	s	s
14/6/22 9:00	s	27,50	11,44	31,05	18,18	s	s	s	s
14/6/22 21:00	s	27,50	11,44	31,03	18,19	s	s	s	s
15/6/22 9:00	s	27,52	11,46	31,05	18,21	s	s	s	s
15/6/22 21:00	s	27,52	11,45	31,03	18,21	s	s	s	s
16/6/22 9:00	s	27,51	11,46	31,03	18,23	s	s	s	s
16/6/22 21:00	s	27,47	11,45	31,03	18,22	s	s	s	s
17/6/22 9:00	s	27,49	11,46	31,04	18,25	s	s	s	s
17/6/22 21:00	s	27,51	11,46	31,04	18,26	s	s	s	s
18/6/22 9:00	s	27,50	11,45	31,04	18,28	s	s	s	s
18/6/22 21:00	s	27,50	11,46	31,02	18,28	s	s	s	s
19/6/22 9:00	s	27,53	11,49	31,04	18,30	s	s	s	s
19/6/22 21:00	s	27,52	11,46	31,03	18,30	s	s	s	s
20/6/22 9:00	s	27,50	11,48	31,05	18,32	s	s	s	s
20/6/22 21:00	s	27,50	11,48	31,04	18,33	s	s	s	s
21/6/22 9:00	s	27,49	11,49	31,02	18,34	s	s	s	s
21/6/22 21:00	s	27,50	11,48	31,02	18,36	s	s	s	s
22/6/22 9:00	s	27,47	11,49	31,04	18,37	s	s	s	s
22/6/22 21:00	s	27,51	11,49	31,02	18,37	s	s	s	s
23/6/22 9:00	s	27,50	11,51	31,02	18,38	s	s	s	s
23/6/22 21:00	s	27,50	11,48	31,00	18,38	s	s	s	s
24/6/22 9:00	s	27,50	11,50	31,03	18,40	s	s	s	s
24/6/22 21:00	s	27,48	11,51	31,04	18,40	s	s	s	s
25/6/22 9:00	s	27,48	11,51	31,02	18,41	s	s	s	s
25/6/22 21:00	s	27,50	11,51	31,00	18,41	s	s	s	s
26/6/22 9:00	s	27,52	11,52	31,01	18,43	s	s	s	s
26/6/22 21:00	s	27,47	11,51	31,02	18,43	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
27/6/22 9:00	s	27,52	11,51	31,03	18,45	s	s	s	s
27/6/22 21:00	s	27,47	11,50	31,01	18,44	s	s	s	s
28/6/22 9:00	s	27,52	11,53	31,02	18,46	s	s	s	s
28/6/22 21:00	s	27,49	11,52	31,00	18,44	s	s	s	s
29/6/22 9:00	s	27,47	11,52	31,00	18,46	s	s	s	s
29/6/22 21:00	s	27,49	11,52	31,01	18,46	s	s	s	s
30/6/22 9:00	s	27,48	11,52	31,03	18,48	s	s	s	s
30/6/22 21:00	s	27,48	11,53	31,00	18,47	s	s	s	s
1/7/22 9:00	s	27,48	11,53	30,99	18,49	s	s	s	s
1/7/22 21:00	s		11,54	31,01	18,50	s	s	s	s
2/7/22 9:00	s	27,51	11,55	31,04	18,53	s	s	s	s
2/7/22 21:00	s	27,48	11,55	31,01	18,53	s	s	s	s
3/7/22 9:00	s	27,48	11,57	31,02		s	s	s	s
3/7/22 21:00	s	27,51	11,55	30,99		s	s	s	s
4/7/22 9:00	s	27,52	11,55	31,00	18,56	s	s	s	s
4/7/22 21:00	s	27,48	11,55	31,00	18,56	s	s	s	s
5/7/22 9:00	s	27,51	11,56	31,02	18,57	s	s	s	s
5/7/22 21:00	s	27,48	11,56	31,01	18,57	s	s	s	s
6/7/22 9:00	s	27,49	11,57	31,01	18,59	s	s	s	s
6/7/22 21:00	s	27,49	11,55	31,00	18,60	s	s	s	s
7/7/22 9:00	s	27,51	11,59	31,00	18,62	s	s	s	s
7/7/22 21:00	s	27,49	11,58	31,00	18,62	s	s	s	s
8/7/22 9:00	s	27,48	11,57	31	18,63	s	s	s	s
8/7/22 21:00	s	27,49	11,59	31,01	18,64	s	s	s	s
9/7/22 9:00	s	27,49	11,58	30,99	18,66	s	s	s	s
9/7/22 21:00	s	27,49	11,57	30,97	18,65	s	s	s	s
10/7/22 9:00	s	27,47	11,59	31,00	18,67	s	s	s	s
10/7/22 21:00	s	27,50	11,57	30,98	18,67	s	s	s	s
11/7/22 9:00	s	27,49	11,57	30,98	18,68	s	s	s	s
11/7/22 21:00	s	27,48	11,58	31,00	18,66	s	s	s	s
12/7/22 9:00	s	27,49	11,59	31,01	18,71	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
12/7/22 21:00	s	27,49	11,60	31,00	18,72	s	s	s	s
13/7/22 9:00	s	27,49	11,59	31,01	18,73	s	s	s	s
13/7/22 21:00	s	27,46	11,60	30,99	18,73	s	s	s	s
14/7/22 9:00	s	27,49	11,60	31,01	18,75	s	s	s	s
14/7/22 21:00	s	27,47	11,59	30,97	18,75	s	s	s	s
15/7/22 9:00	s	27,48	11,62	30,99	18,78	s	s	s	s
15/7/22 21:00	s	27,47	11,60	30,99	18,78	s	s	s	s
16/7/22 9:00	s	27,49	11,62	30,99	18,79	s	s	s	s
16/7/22 21:00	s	27,48	11,62	30,99	18,79	s	s	s	s
17/7/22 9:00	s	27,48	11,64	30,99	18,78	s	s	s	s
17/7/22 21:00	s	27,49	11,61	30,98	18,78	s	s	s	s
18/7/22 9:00	s	27,49	11,63	31,00	18,78	s	s	s	s
18/7/22 21:00	s	27,48	11,62	30,99	18,77	s	s	s	s
19/7/22 9:00	s	27,48	11,62	31,00	18,79	s	s	s	s
19/7/22 21:00	s	27,46	11,62	30,98	18,77	s	s	s	s
20/7/22 9:00	s	27,48	11,62	31,00	18,78	s	s	s	s
20/7/22 21:00	s	27,47	11,63	30,99	18,78	s	s	s	s
21/7/22 9:00	s	27,50	11,63	30,98	18,78	s	s	s	s
21/7/22 21:00	s	27,48	11,63	30,97	18,79	s	s	s	s
22/7/22 9:00	s	27,50	11,64	30,99	18,81	s	s	s	s
22/7/22 21:00	s	27,48	11,63	30,97	18,80	s	s	s	s
23/7/22 9:00	s	27,47	11,63	30,98	18,82	s	s	s	s
23/7/22 21:00	s	27,47	11,64	30,97	18,81	s	s	s	s
24/7/22 9:00	s	27,51	11,65	30,99	18,83	s	s	s	s
24/7/22 21:00	s	27,48	11,65	30,98	18,83	s	s	s	s
25/7/22 9:00	s	27,50	11,66	30,96	18,84	s	s	s	s
25/7/22 21:00	s	27,47	11,67	30,98	18,85	s	s	s	s
26/7/22 9:00	s	27,49	11,66	30,98	18,85	s	s	s	s
26/7/22 21:00									
27/7/22 9:00	s	27,48	11,65	30,97	18,87	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
27/7/22 21:00	s	27,51		30,97	18,86	s	s	s	s
28/7/22 9:00	s	27,50	11,65	30,98	18,86	s	s	s	s
28/7/22 21:00	s	27,48	11,64	30,98	18,86	s	s	s	s
29/7/22 9:00	s	27,53	11,67	30,97	18,88	s	s	s	s
29/7/22 21:00	s	27,48	11,66	30,97	18,87	s	s	s	s
30/7/22 9:00	s	27,48	11,68	30,98	18,90	s	s	s	s
30/7/22 21:00	s	27,48	11,68	30,97	18,89	22,58	s	s	s
31/7/22 9:00	s	27,49	11,68	30,97	18,91	s	s	s	s
31/7/22 21:00	s	27,50	11,67	30,96	18,89	s	s	s	s
1/8/22 9:00	s	27,50	11,68	30,97	18,92	s	s	s	s
1/8/22 21:00	s	27,47	11,68	30,97	18,91	s	s	s	s
2/8/22 9:00	s	27,49	11,67	30,96	18,92	s	s	s	s
2/8/22 21:00	s	27,49	11,68	30,96	18,92	s	s	s	s
3/8/22 9:00	s	27,47	11,69	30,97	18,93	s	s	s	s
3/8/22 21:00	s	27,48	11,69	30,97	18,93	s	s	s	s
4/8/22 9:00	s	27,47	11,70	30,97	18,94	s	s	s	s
4/8/22 21:00	s	27,44	11,68	30,97	18,95	s	s	s	s
5/8/22 9:00	s		11,69	30,96	18,95	s	s	s	s
5/8/22 21:00	s	27,48	11,67	30,96	18,94	s	s	s	s
6/8/22 9:00	s	27,50	11,70	30,96	18,96	s	s	s	s
6/8/22 21:00	s	27,48	11,70	30,93	18,96	s	s	s	s
7/8/22 9:00	s	27,49	11,70	30,99	18,97	s	s	s	s
7/8/22 21:00	s	27,49	11,69	30,96	18,97	s	s	s	s
8/8/22 9:00	s	27,47	11,72	30,96	18,98	s	s	s	s
8/8/22 21:00	s	27,49	11,70	30,97	18,99	s	s	s	s
9/8/22 9:00	s	27,49	11,73	30,96	18,99	s	s	s	s
9/8/22 21:00	s	27,46	11,71	30,95	18,98	s	s	s	s
10/8/22 9:00	s	27,47	11,71	30,97	18,72	s	s	s	s
10/8/22 21:00	s		11,69	30,95	18,77	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
11/8/22 9:00	s	27,50	11,69	30,95	18,85	s	s	s	s
12/8/22 9:00	s	27,48	11,73	30,96	18,92	s	s	s	s
12/8/22 21:00	s	27,48	11,72	30,95	18,92	s	s	s	s
13/8/22 9:00	s	27,52	11,74	30,98	18,99	s	s	s	s
13/8/22 21:00	s	27,51	11,70	30,96	18,99	s	s	s	s
14/8/22 9:00	s	27,49	11,73	30,94	19,01	s	s	s	s
14/8/22 21:00	s	27,49	11,71	30,94	19,03	s	s	s	s
15/8/22 9:00	s	27,49	11,72	30,94	19,03	s	s	s	s
15/8/22 21:00	s	27,50	11,71	30,96	19,05	s	s	s	s
16/8/22 9:00	s		11,73	30,95		s	s	s	s
16/8/22 21:00	s	27,50	11,73	30,95	19,05	s	s	s	s
17/8/22 9:00	s	27,51	11,72	30,93	19,07	s	s	s	s
17/8/22 21:00	s	27,49	11,73	30,96	18,89	s	s	s	s
18/8/22 9:00	s	27,52	11,74	30,96	18,91	s	s	s	s
18/8/22 21:00	s	27,52	11,74	30,98	19,07	s	s	s	s
19/8/22 9:00	s	27,48	11,75	30,95	19,07	s	s	s	s
19/8/22 21:00	s	27,51	11,74	30,95	19,07	s	s	s	s
20/8/22 9:00	s	27,52	11,77	30,97	19,11	s	s	s	s
20/8/22 21:00	s	27,52	11,76	30,95	19,10	s	s	s	s
21/8/22 9:00	s	27,52	11,76	30,96	19,11	s	s	s	s
21/8/22 21:00	s	27,50	11,76	30,96	19,11	s	s	s	s
22/8/22 9:00	s	27,51	11,77	30,94	19,13	s	s	s	s
22/8/22 21:00	s	27,51	11,75	30,96	19,11	s	s	s	s
23/8/22 9:00	s	27,52	11,77	30,94	19,15	s	s	s	s
23/8/22 21:00	s	27,51	11,77	30,94	19,14	s	s	s	s
24/8/22 9:00	s	27,51	11,77	30,96	19,16	22,58	s	s	s
24/8/22 21:00	s	27,51	11,76	30,96	19,18	s	s	s	s
25/8/22 9:00	s		11,77	30,94	19,21	s	s	s	s
25/8/22 21:00	s		11,79	30,95	19,21	s	s	s	s
26/8/22 9:00	s	27,51	11,79	30,97	19,24	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
26/8/22 21:00	s	27,52	11,79	30,94	19,24	22,58	s	s	s
27/8/22 9:00	s	27,52	11,79	30,95	19,27	s	s	s	s
27/8/22 21:00	s	27,53	11,78	30,95	19,28	s	s	s	s
28/8/22 9:00	s	27,51	11,80	30,95	19,31	s	s	s	s
28/8/22 21:00	s	27,52	11,79	30,95	19,31	22,57	s	s	s
29/8/22 9:00	s	27,52	11,79	30,90	19,32	s	s	s	s
29/8/22 21:00	s	27,53	11,81	30,95	19,33	s	s	s	s
30/8/22 9:00	s	27,53	11,82	30,97	19,35	s	s	s	s
30/8/22 21:00	s	27,51	11,79	30,95	19,36	s	s	s	s
31/8/22 9:00	s	27,54	11,81	30,94	19,37	s	s	s	s
31/8/22 21:00	s	27,52	11,81	30,93	19,38	s	s	s	s
1/9/22 9:00	s	27,52	11,82	30,95	19,39	22,57	s	s	s
1/9/22 21:00	s	27,52	11,79	30,95	19,39	22,58	s	s	s
2/9/22 9:00	s	27,55	11,82	30,96	19,41	s	s	s	s
2/9/22 21:00	s	27,52	11,82	30,95	19,42	s	s	s	s
3/9/22 9:00	s	27,54	11,83	30,93	19,42	s	s	s	s
3/9/22 21:00	s	27,52		30,93	19,43	22,57	s	s	s
4/9/22 9:00	s	27,55	11,82	30,95	19,44	22,58	s	s	s
4/9/22 21:00	s	27,56	11,83	30,95	19,45	s	s	s	s
5/9/22 9:00	s	27,57	11,87	30,94	19,46	22,58	s	s	s
5/9/22 21:00	s	27,54	11,83	30,95	19,47	22,56	s	s	s
6/9/22 9:00	s	27,53	11,84	30,95	19,48	22,56	s	s	s
6/9/22 21:00	s	27,54	11,84	30,95	19,47	s	s	s	s
7/9/22 9:00	s	27,55	11,84	30,95	19,49	22,57	s	s	s
7/9/22 21:00	s	27,57		30,94	19,49	22,57	s	s	s
8/9/22 9:00	s	27,59	11,85	30,95	19,51	s	s	s	s
9/9/22 9:00	s	27,57	11,85	30,95	19,52	22,57	s	s	s
9/9/22 21:00	s	27,57	11,85	30,95	19,52	22,57	s	s	s
10/9/22 9:00	s	27,56	11,86	30,93	19,54	22,57	s	s	s
10/9/22 21:00	s	27,57	11,85	30,94	19,53	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
11/9/22 9:00	s	27,57	11,87	30,94	19,54	22,56	s	s	s
11/9/22 21:00	s	27,53	11,86	30,95	19,54	s	s	s	s
12/9/22 9:00	s	27,58	11,87	30,96	19,56	22,57	s	s	s
12/9/22 21:00	s	27,57	11,86	30,96	19,56	22,55	s	s	s
13/9/22 9:00	s	27,60	11,87	30,95	19,57	22,56	s	s	s
13/9/22 21:00	s	27,58	11,85	30,96	19,56	22,56	s	27,04	s
14/9/22 9:00	s	27,58	11,86	30,96	19,58	22,56	s	s	s
14/9/22 21:00	s	27,59	11,88	30,94	19,59	22,57	s	27,04	s
15/9/22 9:00	s	27,60	11,89	30,95	19,59	22,56	s	s	s
15/9/22 21:00	s	27,60	11,88	30,96	19,60	22,56	s	27,03	s
16/9/22 9:00	s	27,59	11,90	30,94	19,59	22,56	s	s	s
16/9/22 21:00	s	27,58	11,87	30,94	19,60	22,56	s	27,04	s
17/9/22 9:00	s	27,59	11,88	30,95	19,62	22,56	s	s	s
17/9/22 21:00	s	27,58	11,89	30,92	19,62	22,57	s	s	s
18/9/22 9:00	s	27,61	11,89	30,94	19,63	22,56	s	s	s
18/9/22 21:00	s	27,60	11,88	30,96	19,63	22,57	s	s	s
19/9/22 9:00	s	27,61	11,89	30,93	19,65	22,57	s	s	s
19/9/22 21:00	s	27,59	11,89	30,95	19,64	22,56	s	27,04	s
20/9/22 9:00	s	27,61	11,89	30,94	19,62	22,56	s	s	s
20/9/22 21:00	s	27,62	11,91	30,94	19,64	22,56	s	s	s
21/9/22 9:00	s		11,91	30,94	19,67	22,57	s	s	s
21/9/22 21:00	s	27,60	11,90	30,95	19,66	22,56	s	27,04	s
22/9/22 9:00	s	27,60	11,89	30,95	19,67	22,57	s	s	s
22/9/22 21:00	s	27,62	11,91	30,95	19,67	22,57	s	27,03	s
23/9/22 9:00	s	27,63	11,89	30,95	19,68	22,57	s	s	s
23/9/22 21:00	s	27,62	11,92	30,93	19,67	22,57	s	s	s
24/9/22 9:00	s	27,61	11,93	30,94	19,68	22,57	s	s	s
24/9/22 21:00	s	27,61	11,91	30,94	19,69	22,54	s	s	s
25/9/22 9:00	s	27,65	11,93	30,97	19,70	22,56	s	s	s
25/9/22 21:00	s	27,62	11,91	30,96	19,70	s	s	s	s



DATA	INA-201	INA-203A	INA-204	INA-205	INA-206	INA-208	INA-209	INA-223	INA-224
26/9/22 9:00	s	27,61	11,93	30,94	19,70	22,56	s	s	s
26/9/22 21:00	s	27,64	11,91	30,95	19,70	22,57	s	s	s
27/9/22 9:00	s	27,62	11,93	30,95	19,72	22,58	s	27,04	s
27/9/22 21:00	s	27,63	11,92	30,95		22,57	s	s	s
28/9/22 9:00	s	27,63	11,93	30,95		22,54	s	s	s
28/9/22 21:00	s	27,61	11,94	30,93		s			
29/9/22 9:00	s	27,65	11,95	30,96		22,57	s	s	s
29/9/22 21:00	s	27,66	11,96	30,94		22,56	s	s	s
30/9/22 9:00	s	27,66	11,97	30,96		22,57	s	s	s



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Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
1/4/22 9:00	22,50	10,72	29,83	13,00	29,61	29,42	27,10	14,19	21,60	13,03
1/4/22 21:00	22,50	10,71	29,86	12,99	29,58	29,22	27,09	14,18	21,56	13,01
2/4/22 9:00	22,50	10,74	29,84	12,99	29,58	29,23	27,12	14,18	21,58	13,03
2/4/22 21:00	22,49	10,73	29,82	12,98	29,60	28,96	27,09	14,18	21,57	13,02
3/4/22 9:00	22,49	10,73	29,83	12,99	29,56	28,98	27,07	14,18	21,55	13,04
3/4/22 21:00	22,49	10,74	29,83	12,97	29,57	28,94	27,06	14,16	21,55	13,02
4/4/22 9:00	22,50	10,74	29,80	12,97	29,56	28,97	27,07	14,17	21,56	13,02
4/4/22 21:00	22,49	10,74	29,80	12,96	29,55	28,97	27,06	14,17	21,56	13,03
5/4/22 9:00	22,49	10,75	29,79	12,96	29,54	28,95	27,07	14,17	21,54	13,04
5/4/22 21:00	22,50	10,74	29,79	12,96	29,57	28,96	27,05	14,17	21,54	13,05
6/4/22 9:00	22,49	10,76	29,79	12,95	29,57	28,98	27,06	14,16	21,54	13,05
6/4/22 21:00	22,49	10,76	29,78	12,94	29,58	28,96	27,06	14,16	21,51	13,03
7/4/22 9:00	22,48	10,76	29,79	12,95	29,55	28,96	27,05	14,16	21,53	13,05
7/4/22 21:00	22,48	10,76	29,80	12,94	29,55	28,93	27,04	14,16	21,52	13,05
8/4/22 9:00	22,49	10,77	29,77	12,94	29,58	28,96	27,05	14,17	21,52	13,06
8/4/22 21:00	22,48	10,78	29,74	12,93	29,55	28,95	27,04	14,15	21,50	13,05
9/4/22 9:00	22,48	10,76	29,80	12,93	29,53	28,95	27,05	14,15	21,53	13,07
9/4/22 21:00	22,48	10,76	29,76	12,93	29,52	28,95	27,03	14,14	21,51	13,07
10/4/22 9:00	22,47	10,75	29,74	12,93	29,52	28,97	27,03	14,15	21,50	13,07
10/4/22 21:00	22,48	10,77	29,74	12,92	29,53	28,93	27,02	14,15	21,48	13,06
11/4/22 9:00	22,48	10,77	29,77	12,93	29,53	28,93	27,03	14,15	21,50	13,06
11/4/22 21:00	22,48	10,78	29,74	12,92	29,52	28,95	27,03	14,15	21,47	13,06
12/4/22 9:00	22,49	10,78	29,74	12,92	29,52	28,95	27,05	14,14	21,50	13,07
12/4/22 21:00	22,48	10,78	29,74	12,92	29,53	28,96	27,04	14,15	21,49	13,08
13/4/22 9:00	22,47	10,80	29,72	12,91	29,50	28,93	27,02	14,14	21,50	13,07
13/4/22 21:00	22,47	10,78	29,71	12,91	29,50	28,91	27,02	14,13	21,47	13,06
14/4/22 9:00	22,46	10,80	29,73	12,91	29,49	28,92	27,03	14,13	21,47	13,07
14/4/22 21:00	22,47	10,79	29,73	12,89	29,52	28,91	27,01	14,14	21,47	13,08
15/4/22 9:00	22,46	10,79	29,72	12,90	29,48	28,94	27,02	14,13	21,48	13,07
15/4/22 21:00	22,47	10,80	29,73	12,90	29,51	28,94	27,02	14,13	21,49	13,08
16/4/22 9:00	22,47	10,81	29,71	12,91	29,49	28,92	27,02	14,14	21,49	13,08



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
16/4/22 21:00	22,47	10,79	29,74	12,89	29,48	28,92	27,00	14,13	21,46	13,11
17/4/22 9:00	22,48	10,80	29,70	12,89	29,47	28,93	27,00	14,14	21,48	13,09
17/4/22 21:00	22,46	10,80	29,70	12,89	29,47	28,92	27,00	14,13	21,47	13,07
18/4/22 9:00	22,47	10,82	29,71	12,88	29,49	28,92	26,99	14,14	21,48	13,08
18/4/22 21:00	22,46	10,81	29,71	12,88	29,47	28,94	27,02	14,13	21,46	13,09
19/4/22 9:00	22,48	10,81	29,72	12,89	29,49	28,93	27,01	14,13	21,47	13,10
19/4/22 21:00	22,47	10,80	29,69	12,88	29,47	28,93	27,00	14,12	21,45	13,07
20/4/22 9:00	22,48	10,80	29,70	12,88	29,46	28,93	27,00	14,14	21,45	13,08
20/4/22 21:00	22,47	10,80	29,70	12,87	29,45	28,90	26,99	14,12	21,47	13,08
21/4/22 9:00	22,46	10,82	29,70	12,88	29,46	28,90	27,01	14,12	21,46	13,09
21/4/22 21:00	22,45	10,82	29,68	12,87	29,44	28,90	26,99	14,12	21,45	13,09
22/4/22 9:00	22,47	10,83	29,68	12,88	29,44	28,93	26,99	14,12	21,44	13,08
22/4/22 21:00	22,45	10,82	29,68	12,87	29,45	28,92	26,97	14,12	21,46	13,08
23/4/22 9:00	22,47	10,83	29,66	12,87	29,48	28,92	26,99	14,12	21,46	13,09
23/4/22 21:00	22,45	10,83	29,66	12,86	29,42	28,91	26,98	14,11	21,44	13,08
24/4/22 9:00	22,46	10,85	29,67	12,88	29,43	28,91	26,98	14,12	21,46	13,11
24/4/22 21:00	22,46	10,83	29,64	12,87	29,43	28,92	26,99	14,12	21,45	13,09
25/4/22 9:00	22,46	10,85	29,67	12,87	29,40	28,92	26,97	14,13	21,45	13,09
25/4/22 21:00	22,47	10,83	29,66	12,86	29,45	28,87	26,98	14,11	21,44	13,09
26/4/22 9:00	22,48	10,84	29,66	12,87	29,45	28,93	26,99	14,12	21,45	13,09
26/4/22 21:00	22,46	10,85	29,63	12,86	29,42	28,90	26,98	14,11	21,43	13,09
27/4/22 9:00	22,46	10,85	29,66	12,87	29,43	28,91	26,99	14,11	21,46	13,10
27/4/22 21:00	22,47	10,84	29,64	12,87	29,41	28,91	26,96	14,12	21,44	13,10
28/4/22 9:00	22,47	10,85	29,67	12,86	29,41	28,91	26,99	14,12	21,45	13,12
28/4/22 21:00	22,45	10,86	29,63	12,85	29,42	28,92	26,96	14,11	21,44	13,11
29/4/22 9:00	22,46	10,86	29,65	12,85	29,41	28,88	26,95	14,11	21,44	13,10
29/4/22 21:00	22,46	10,87	29,63	12,85	29,39	28,90	26,97	14,10	21,44	13,10
30/4/22 9:00	22,47	10,87	29,66	12,86	29,40	28,92	26,96	14,11	21,44	13,11
30/4/22 21:00	22,46	10,87	29,63	12,85	29,40	28,89	26,96	14,10	21,43	13,11
1/5/22 9:00	22,46	10,87	29,63	12,86	29,42	28,88	26,96	14,11	21,45	13,11
1/5/22 21:00	22,47	10,88	29,63	12,85	29,41	28,89	26,95	14,11	21,43	13,11
2/5/22 9:00	22,47	10,86	29,64	12,85	29,42	28,90	26,95	14,11	21,46	13,12
2/5/22 21:00	22,47	10,86	29,61	12,85	29,39	28,89	26,94	14,11	21,43	13,10



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
3/5/22 9:00	22,46	10,88	29,61	12,86	29,42	28,92	26,94	14,12	21,44	13,13
3/5/22 21:00	22,47	10,87	29,60	12,85	29,37	28,89	26,96	14,11	21,43	13,13
4/5/22 9:00	22,46	10,87	29,62	12,84	29,42	28,90	26,97	14,10	21,43	13,13
4/5/22 21:00	22,47	10,89	29,60	12,85	29,39	28,90	26,94	14,11	21,44	13,13
5/5/22 9:00	22,46	10,88	29,61	12,85	29,41	28,91	26,95	14,11	21,43	13,14
5/5/22 21:00	22,47	10,86	29,62	12,84	29,38	28,91	26,93	14,12	21,43	13,14
6/5/22 9:00	22,46	10,88	29,62	12,85	29,37	28,88	26,93	14,12	21,46	13,14
6/5/22 21:00	22,45	10,89	29,61	12,83	29,38	28,90	26,93	14,12	21,45	13,13
7/5/22 9:00	22,47	10,89	29,61	12,86	29,40	28,92	26,93	14,12	21,45	13,14
7/5/22 21:00	22,47	10,89	29,58	12,85	29,37	28,88	26,92	14,11	21,44	13,13
8/5/22 9:00	22,46	10,89	29,62	12,85	29,38	28,88	26,95	14,12	21,44	13,15
8/5/22 21:00	22,46	10,89	29,62	12,85	29,38	28,89	26,95	14,12	21,44	13,14
9/5/22 9:00	22,47	10,90	29,61	12,85	29,38	28,91	26,94	14,12	21,44	13,14
9/5/22 21:00	22,47	10,91	29,61	12,84	29,37	28,88	26,95	14,11	21,45	13,12
10/5/22 9:00	22,47	10,90	29,61	12,84	29,40	28,91	26,92	14,12	21,44	13,13
10/5/22 21:00	22,47	10,90	29,58	12,84	29,37	28,88	26,93	14,12	21,44	13,13
11/5/22 9:00	22,48	10,90	29,60	12,84	29,39	28,90	26,93	14,11	21,45	13,16
11/5/22 21:00	22,47	10,89	29,59	12,85	29,35	28,88	26,91	14,10	21,44	13,13
12/5/22 9:00	22,47	10,91	29,59	12,85	29,40	28,92	26,91	14,12	21,46	13,15
12/5/22 21:00	22,48	10,92	29,60	12,85	29,34	28,89	26,92	14,12	21,45	13,15
13/5/22 9:00	22,47	10,92	29,60	12,84	29,37	28,93	26,94	14,13	21,46	13,16
13/5/22 21:00	22,46	10,92	29,56	12,85	29,35	28,90	26,93	14,12	21,45	13,16
14/5/22 9:00	22,46	10,92	29,56	12,85	29,38	28,89	26,90	14,12	21,45	13,17
14/5/22 21:00	22,45	10,92	29,56	12,84	29,34	28,89	26,90	14,12	21,42	13,16
15/5/22 9:00	22,46	10,93	29,60	12,85	29,35	28,94	26,89	14,13	21,46	13,17
15/5/22 21:00	22,47	10,92	29,57	12,85	29,35	28,90	26,88	14,11	21,44	13,15
16/5/22 9:00	22,46	10,95	29,58	12,86	29,36	28,91	26,91	14,13	21,46	13,17
16/5/22 21:00	22,46	10,92	29,56	12,86	29,35	28,91	26,91	14,13	21,44	13,16
17/5/22 9:00	22,47	10,92	29,59	12,86	29,36	28,89	26,89	14,13	21,46	13,18
17/5/22 21:00	22,46	10,93	29,58	12,85	29,34	28,90	26,90	14,12	21,44	13,18
18/5/22 9:00	22,47	10,93	29,58	12,86	29,35	28,90	26,90	14,13	21,47	13,18
18/5/22 21:00	22,47	10,92	29,55	12,84	29,32	28,90	26,89	14,12	21,45	13,16
19/5/22 9:00	22,46	10,95	29,59	12,85	29,38	28,90	26,89	14,13	21,45	13,20



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
19/5/22 21:00	22,46	10,94	29,57	12,86	29,35	28,90	26,90	14,14	21,47	13,20
20/5/22 9:00	22,46	10,93	29,59	12,87	29,34	28,92	26,89	14,14	21,47	13,20
20/5/22 21:00	22,46	10,95	29,57	12,86	29,37	28,92	26,91	14,14	21,47	13,20
21/5/22 9:00	22,46	10,94	29,56	12,87	29,33	28,90	26,87	14,15	21,48	13,22
21/5/22 21:00	22,46	10,96	29,56	12,86	29,33	28,91	26,87	14,15	21,47	13,19
22/5/22 9:00	22,47	10,95	29,57	12,87	29,34	28,93	26,88	14,15	21,48	13,21
22/5/22 21:00	22,45	10,94	29,54	12,87	29,31	28,92	26,88	14,14	21,47	13,19
23/5/22 9:00	22,46	10,95	29,58	12,87	29,34	28,91	26,88	14,15	21,47	13,21
23/5/22 21:00	22,47	10,94	29,56	12,88	29,34	28,91	26,86	14,15	21,47	13,21
24/5/22 9:00	22,46	10,96	29,56	12,88	29,36	28,94	26,88	14,15	21,48	13,22
24/5/22 21:00	22,45	10,94	29,57	12,88	29,34	28,95	26,85	14,16	21,48	13,22
25/5/22 9:00	22,45	10,95	29,56	12,88	29,34	28,93	26,85	14,17	21,48	13,23
25/5/22 21:00	22,45	10,94	29,56	12,89	29,32	28,94	26,86	14,16	21,49	13,21
26/5/22 9:00	22,46	10,96	29,56	12,89	29,33	28,90	26,85	14,17	21,48	13,21
26/5/22 21:00	22,45	10,96	29,56	12,88	29,31	28,92	26,84	14,16	21,48	13,23
27/5/22 9:00	22,46	10,96	29,57	12,88	29,35	28,93	26,86	14,18	21,49	13,21
27/5/22 21:00	22,44	10,97	29,56	12,87	29,32	28,90	26,83	14,16	21,50	13,20
28/5/22 9:00	22,45	10,98	29,57	12,88	29,32	28,91	26,85	14,17	21,49	13,22
28/5/22 21:00	22,45	10,97	29,54	12,87	29,30	28,92	26,82	14,15	21,48	13,20
29/5/22 9:00	22,45	10,97	29,57	12,88	29,31	28,92	26,82	14,17	21,49	13,21
29/5/22 21:00	22,44	10,96	29,55	12,88	29,29	28,91	26,82	14,16	21,47	13,19
30/5/22 9:00	22,45	10,96	29,57	12,89	29,29	28,92	26,82	14,17	21,48	13,21
30/5/22 21:00	22,45	10,98	29,55	12,89	29,32	28,90	26,79	14,17	21,47	13,20
31/5/22 9:00	22,44	10,99	29,55	12,88	29,31	28,92	26,82	14,17	21,49	13,22
31/5/22 21:00	22,45	10,98	29,58	12,89	29,3	28,92	26,81	14,13	21,46	13,18
1/6/22 9:00	22,44	10,98	29,56	12,89	29,32	28,95	26,80	14,07	21,43	13,14
1/6/22 21:00	22,45	10,99	29,56	12,89	29,30	28,90	26,80	14,01	21,39	13,08
2/6/22 9:00	22,45	10,98	29,55	12,88	29,32	28,91	26,80	13,96	21,36	13,05
2/6/22 21:00	22,44	10,99	29,57	12,88	29,30	28,89	26,78	13,93	21,36	13,02
3/6/22 9:00	22,45	10,98	29,57	12,88	29,33	28,91	26,80	13,91	21,34	13,03
3/6/22 21:00	22,42	10,99	29,56	12,86	29,30	28,92	26,79	13,88	21,31	13,03
4/6/22 9:00	22,44	10,98	29,57	12,87	29,33	28,92	26,79	13,88	21,31	13,02
4/6/22 21:00	22,43	10,97	29,56	12,86	29,28	28,89	26,76	13,90	21,32	13,02



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
5/6/22 9:00	22,44	11,00	29,56	12,87	29,29	28,91	26,79	13,92	21,34	13,07
5/6/22 21:00	22,42	10,98	29,52	12,86	29,32	28,91	26,76	13,93	21,33	13,07
6/6/22 9:00	22,43	11,00	29,56	12,85	29,31	28,91	26,76	13,94	21,33	13,09
6/6/22 21:00	22,43	10,99	29,55	12,85	29,28	28,88	26,75	13,95	21,35	13,09
7/6/22 9:00	22,42	10,97	29,55	12,85	29,27	28,92	26,75	13,96	21,32	13,11
7/6/22 21:00	22,43	10,98	29,54	12,85	29,29	28,90	26,75	13,97	21,34	13,10
8/6/22 9:00	22,43	10,98	29,57	12,84	29,26	28,92	26,76	13,98	21,35	13,14
8/6/22 21:00	22,44	11,00	29,55	12,86	29,29	28,88	26,75	13,99	21,35	13,14
9/6/22 9:00	22,42	10,99	29,56	12,86	29,29	28,90	26,76	14,00	21,36	13,14
9/6/22 21:00	22,42	11,00	29,53	12,86	29,28	28,89	26,74	14,02	21,35	13,14
10/6/22 9:00	22,42	11,02	29,53	12,86	29,29	28,89	26,78	14,04	21,37	13,17
10/6/22 21:00	22,41	10,99	29,52	12,86	29,28	28,90	26,75	14,05	21,40	13,16
11/6/22 9:00	22,42	11,00	29,55		29,31	28,89	26,76	14,08	21,39	13,19
11/6/22 21:00	22,42	11,00	29,56	12,85	29,29	28,90	26,76	14,08	21,40	13,21
12/6/22 9:00	22,41	11,00	29,55	12,88	29,26	28,89	26,77	14,10	21,42	13,22
12/6/22 21:00	22,41	11,01	29,54	12,87	29,30	28,87	26,75	14,12	21,43	13,23
13/6/22 9:00	22,41	11,02	29,57	12,88	29,29	28,90	26,78	14,14	21,45	13,24
13/6/22 21:00	22,40	11,02	29,53	12,88	29,30	28,89	26,75	14,16	21,46	13,24
14/6/22 9:00	22,41	11,01	29,55	12,89	29,30	28,92	26,75	14,17	21,47	13,26
14/6/22 21:00	22,40	11,01	29,55	12,89	29,28	28,89	26,76	14,19	21,48	13,27
15/6/22 9:00	22,41	11,02	29,56	12,89	29,28	28,90	26,75	14,21	21,50	13,29
15/6/22 21:00	22,42	11,02	29,53	12,89	29,31	28,89	26,76	14,21	21,50	13,30
16/6/22 9:00	22,40	11,02	29,55	12,91	29,26	28,92	26,75	14,24	21,54	13,32
16/6/22 21:00	22,28	11,01	29,53	12,90	29,28	28,89	26,74	14,24	21,51	13,31
17/6/22 9:00	22,40	11,02	29,54	12,90	29,28	28,90	26,76	14,27	21,54	13,32
17/6/22 21:00	22,39	11,01	29,55	12,92	29,26	28,90	26,76	14,28	21,54	13,33
18/6/22 9:00	22,39	11,02	29,56	12,92	29,29	28,91	26,76	14,28	21,56	13,36
18/6/22 21:00	22,39	11,03	29,55	12,91	29,31	28,91	26,76	14,29	21,56	13,36
19/6/22 9:00	22,39	11,03	29,52	12,92	29,30	28,91	26,75	14,29	21,58	13,35
19/6/22 21:00	22,38	11,03	29,54	12,91	29,29	28,90	26,74	14,30	21,58	13,33
20/6/22 9:00	22,39	11,04	29,56	12,94	29,29	28,89	26,76	14,31	21,57	13,36
20/6/22 21:00	22,38	11,04	29,57	12,93	29,26	28,89	26,76	14,31	21,56	13,33
21/6/22 9:00	22,38	11,04	29,53	12,94	29,27	28,90	26,77	14,30	21,58	13,34



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
21/6/22 21:00	22,39	11,02	29,58	12,94	29,28	28,91	26,78	14,31	21,58	13,33
22/6/22 9:00	22,39	11,04	29,57	12,94	29,29	28,89	26,78	14,31	21,59	13,34
22/6/22 21:00	22,38	11,04	29,53	12,94	29,29	28,88	26,76	14,31	21,59	13,34
23/6/22 9:00	22,38	11,02	29,56	12,95	29,32	28,91	26,76	14,32	21,61	13,34
23/6/22 21:00	22,39	11,01	29,55	12,94	29,28	28,89	26,77	14,32	21,60	13,31
24/6/22 9:00	22,37	11,05	29,57	12,95	29,32	28,92	26,78	14,32	21,60	13,34
24/6/22 21:00	22,38	11,03	29,57	12,95	29,29	28,92	26,76	14,33	21,60	13,32
25/6/22 9:00	22,38	11,03	29,59	12,96	29,29	28,90	26,77	14,33	21,62	13,36
25/6/22 21:00	22,36	11,03	29,54	12,96	29,28	28,91	26,76	14,35	21,62	13,35
26/6/22 9:00	22,36	11,02	29,53	12,96	29,29	28,89	26,78	14,36	21,64	13,37
26/6/22 21:00	22,36	11,04	29,54	12,96	29,30	28,91	26,74	14,37	21,62	13,36
27/6/22 9:00	22,38	11,05	29,59	12,96	29,33	28,93	26,77	14,39	21,66	13,39
27/6/22 21:00	22,36	11,06	29,57	12,97	29,29	28,92	26,77	14,39	21,64	13,38
28/6/22 9:00	22,37	11,05	29,58	12,98	29,34	28,93	26,78	14,41	21,66	13,40
28/6/22 21:00	22,38	11,04	29,59	12,98	29,30	28,93	26,77	14,41	21,67	13,37
29/6/22 9:00	22,37	11,04	29,59	12,99	29,29	28,93	26,76	14,42	21,67	13,39
29/6/22 21:00	22,36	11,05	29,55	12,99	29,30	28,92	26,78	14,42	21,65	13,38
30/6/22 9:00	22,36	11,05	29,58	12,99	29,33	28,93	26,78	14,44	21,68	13,40
30/6/22 21:00	22,35	11,05	29,56	12,99	29,32	28,93	26,76	14,44	21,69	13,40
1/7/22 9:00	22,35	11,03	29,56	13,00	29,32	28,93	26,77	14,45	21,70	13,41
1/7/22 21:00	22,36	11,06	29,57	13	29,31	28,92	26,79	14,46	21,69	13,39
2/7/22 9:00	22,36	11,06	29,59	13,02	29,35	28,93	26,79	14,48	21,72	13,44
2/7/22 21:00	22,35	11,06	29,58	13,00	29,28	28,92	26,76	14,48	21,73	13,45
3/7/22 9:00	22,36	11,05	29,58	13,02	29,30	28,93	26,79	14,50	21,73	13,46
3/7/22 21:00	22,34	11,06	29,57	13,02	29,32	28,93	26,79	14,49	21,73	13,46
4/7/22 9:00	22,34	11,04	29,59	13,03	29,34	28,92	26,77	14,50	21,74	13,48
4/7/22 21:00	22,35	11,09	29,60	13,01	29,31	28,94	26,80	14,50	21,73	13,45
5/7/22 9:00	22,34	11,06	29,60	13,04	29,31	28,94	26,80	14,52	21,74	13,47
5/7/22 21:00	22,34	11,05	29,60	13,03	29,32	28,91	26,79	14,52	21,74	13,46
6/7/22 9:00	22,34	11,06	29,59	13,03	29,33	28,91	26,79	14,53	21,77	13,46
6/7/22 21:00	22,35	11,04	29,60	13,03	29,32	28,93	26,79	14,53	21,75	13,48
7/7/22 9:00	22,35	11,06	29,59	13,04	29,35	28,95	26,8	14,55	21,78	13,48
7/7/22 21:00	22,34	11,06	29,62	13,05	29,35	28,93	26,81	14,55	21,77	13,51



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
8/7/22 9:00	22,35	11,07	29,60	13,05	29,34	28,93	26,82	14,56	21,80	13,51
8/7/22 21:00	22,35	11,06	29,62	13,05	29,35	28,94	26,78	14,57	21,79	13,53
9/7/22 9:00	22,34	11,06	29,59	13,05	29,34	28,95	26,82	14,58	21,80	13,51
9/7/22 21:00	22,33	11,07	29,59	13,05	29,34	28,94	26,82	14,58	21,79	13,51
10/7/22 9:00	22,34	11,07	29,59	13,07	29,36	28,95	26,81	14,58	21,80	13,54
10/7/22 21:00	22,33	11,09	29,60	13,05	29,32	28,95	26,81	14,58	21,80	13,53
11/7/22 9:00	22,32	11,05	29,61	13,06	29,34	28,95	26,79	14,59	21,82	13,53
11/7/22 21:00	22,33	11,06	29,61	13,07	29,34	28,95	26,82	14,59	21,80	13,54
12/7/22 9:00	22,35	11,08	29,63	13,08	29,37	29,00	26,84	14,61	21,83	13,55
12/7/22 21:00	22,33	11,07	29,62	13,07	29,37	28,95	26,84	14,60	21,82	13,55
13/7/22 9:00	22,34	11,07	29,61	13,08	29,37	28,96	26,83	14,62	21,84	13,56
13/7/22 21:00	22,33	11,07	29,63	13,08	29,38	28,94	26,82	14,62	21,84	13,57
14/7/22 9:00	22,33	11,07	29,64	13,10	29,34	28,97	26,81	14,63	21,84	13,56
14/7/22 21:00	22,32	11,07	29,60	13,09	29,37	28,94	26,82	14,63	21,84	13,57
15/7/22 9:00	22,33	11,08	29,63	13,09	29,36	28,98	26,81	14,64	21,86	13,58
15/7/22 21:00	22,31	11,07	29,61	13,08	29,38	28,95	26,84	14,63	21,85	13,55
16/7/22 9:00	22,32	11,06	29,62	13,11	29,36	28,97	26,83	14,66	21,87	13,61
16/7/22 21:00	22,32	11,08	29,62	13,09	29,39	28,97	26,82	14,65	21,87	13,60
17/7/22 9:00	22,32	11,09	29,65	13,11	29,39	28,97	26,86	14,66	21,88	13,59
17/7/22 21:00	22,33	11,09	29,62	13,11	29,35	28,96	26,84	14,65	21,88	13,58
18/7/22 9:00	22,31	11,07	29,64	13,13	29,35	28,98	26,86	14,66	21,87	13,60
18/7/22 21:00	22,31	11,06	29,64	13,11	29,40	28,97	26,85	14,65	21,86	13,59
19/7/22 9:00	22,33	11,06	29,65	13,12	29,38	28,97	26,86	14,65	21,88	13,60
19/7/22 21:00	22,31	11,09	29,65	13,12	29,37	28,96	26,87	14,64	21,85	13,60
20/7/22 9:00	22,31	11,08	29,65	13,12	29,38	28,99	26,85	14,65	21,88	13,61
20/7/22 21:00	22,32	11,08	29,65	13,12	29,38	28,98	26,87	14,64	21,87	13,58
21/7/22 9:00	22,32	11,07	29,66	13,13	29,36	29,00	26,88	14,64	21,87	13,61
21/7/22 21:00	22,31	11,07	29,66	13,13	29,38	28,99	26,86	14,64	21,85	13,60
22/7/22 9:00	22,31	11,09	29,65	13,13	29,41	28,99	26,87	14,64	21,85	13,59
22/7/22 21:00	22,30	11,07	29,66	13,13	29,37	28,98	26,86	14,64	21,86	13,60
23/7/22 9:00	22,32	11,08	29,67	13,14	29,41	28,99	26,89	14,64	21,86	13,60
23/7/22 21:00	22,31	11,09	29,65	13,14	29,38	28,99	26,89	14,64	21,85	13,60
24/7/22 9:00	22,31	11,07	29,66	13,13	29,41	29,00	26,89	14,64	21,87	13,61



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
24/7/22 21:00	22,32	11,10	29,65	13,14	29,40	28,99	26,88	14,64	21,86	13,61
25/7/22 9:00	22,29	11,09	29,65	13,14	29,39	28,98	26,90	14,64	21,87	13,62
25/7/22 21:00	22,31	11,08	29,64	13,15	29,42	29,01	26,88	14,64	21,87	13,62
26/7/22 9:00	22,30	11,09	29,69	13,15	29,41	29,02	26,89	14,65	21,87	13,63
27/7/22 9:00	22,29	11,10	29,65	13,16	29,41	29,01	26,88	14,64	21,86	13,62
27/7/22 21:00	22,29	11,07	29,69	13,16	29,42	28,97	26,88	14,63	21,85	13,60
28/7/22 9:00	22,30	11,09	29,66	13,16	29,40	28,98	26,90	14,63	21,85	13,62
28/7/22 21:00	22,29	11,08	29,65	13,15	29,38	28,98	26,88	14,63	21,84	13,60
29/7/22 9:00	22,30	11,08	29,66	13,16	29,43	28,99	26,90	14,63	21,86	13,63
29/7/22 21:00	22,30	11,09	29,64	13,16	29,41	28,98	26,89	14,62	21,85	13,61
30/7/22 9:00	22,31	11,09	29,68	13,17	29,41	29,05	26,90	14,64	21,87	13,64
30/7/22 21:00	22,30	11,09	29,65	13,16	29,40	29,00	26,91	14,64	21,87	13,62
31/7/22 9:00	22,29	11,09	29,68	13,17	29,41	29,01	26,92	14,64	21,87	13,65
31/7/22 21:00	22,29	11,09	29,66	13,17	29,40	29,00	26,90	14,62	21,85	13,63
1/8/22 9:00	22,30	11,11	29,67	13,18	29,40	29,04	26,92	14,64	21,86	13,63
1/8/22 21:00	22,30	11,08	29,68	13,18	29,41	29,02	26,91	14,63	21,85	13,63
2/8/22 9:00	22,31	11,09	29,70	13,18	29,43	29,02	26,93	14,63	21,87	13,64
2/8/22 21:00	22,29	11,08	29,68	13,18	29,42	29,02	26,90	14,64	21,85	13,62
3/8/22 9:00	22,30	11,08	29,68	13,18	29,41	29,00	26,93	14,63	21,88	13,66
3/8/22 21:00	22,29	11,10	29,66	13,18	29,42	29,01	26,92	14,62	21,84	13,64
4/8/22 9:00	22,30	11,12	29,67	13,18	29,42	29,00	26,93	14,63	21,86	13,64
4/8/22 21:00	22,29	11,08	29,67	13,18	29,42	29,01	26,92	14,62	21,85	13,63
5/8/22 9:00	22,29	11,08	29,72	13,19	29,41	29,02	26,92	14,63	21,85	13,64
5/8/22 21:00	22,28	11,10	29,67	13,18	29,41	29,01	26,94	14,63	21,85	13,65
6/8/22 9:00	22,29	11,09	29,68	13,19	29,41	29,03	26,94	14,63	21,85	13,64
6/8/22 21:00	22,29	11,10	29,68	13,19	29,40	29,02	26,92	14,62	21,84	13,64
7/8/22 9:00	22,29	11,10	29,68	13,19	29,42	29,03	26,94	14,64	21,85	13,66
7/8/22 21:00	22,28	11,11	29,70	13,19	29,43	29,00	26,93	14,62	21,85	13,64
8/8/22 9:00	22,29	11,13	29,69	13,20	29,42	29,03	26,96	14,63	21,85	13,65
8/8/22 21:00	22,30	11,09	29,67	13,21	29,41	29,03	26,93	14,63	21,85	13,65
9/8/22 9:00	22,30	11,10	29,71	13,20	29,43	29,02	26,94	14,63	21,86	13,65
9/8/22 21:00	22,30	11,09	29,69	13,19	29,43	29,03	26,95	14,62	21,84	13,66
10/8/22 9:00	22,28	11,10	29,68	13,20	29,41	29,04	26,94	14,59	21,80	13,61



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
10/8/22 21:00	22,29	11,08	29,71	13,20	29,44	29,01	26,96	14,57	21,80	13,59
11/8/22 9:00	22,29	11,11	29,69	13,21	29,43	29,00	26,94	14,57	21,80	13,60
12/8/22 9:00	22,29	11,12	29,72	13,21	29,42	29,03	26,98	14,58	21,83	13,63
12/8/22 21:00	22,29	11,12	29,68	13,21	29,42	29,04	26,95	14,58	21,81	13,64
13/8/22 9:00	22,28	11,11	29,70	13,22	29,41	29,07	26,96	14,60	21,82	13,66
13/8/22 21:00	22,29	11,10	29,70	13,21	29,43	29,02	26,96	14,59	21,83	13,63
14/8/22 9:00	22,29	11,09	29,69	13,22	29,42	29,03	26,97	14,60	21,82	13,65
14/8/22 21:00	22,27	11,11	29,72	13,21	29,40	29,04	26,95	14,60	21,81	13,64
15/8/22 9:00	22,28	11,12	29,69	13,21	29,40	29,02	26,98	14,61	21,81	13,66
15/8/22 21:00	22,28	11,10	29,70	13,22	29,40	29,01	26,95	14,61	21,81	13,65
16/8/22 9:00	22,30	11,10	29,70	13,22	29,42	29,04	26,97	14,62	21,83	13,65
16/8/22 21:00	22,29	11,11	29,69	13,22	29,40	29,03	26,96	14,61	21,80	13,64
17/8/22 9:00	22,30	11,12	29,71	13,22	29,40	29,03	26,97	14,62	21,82	13,65
17/8/22 21:00	22,27	11,11	29,71	13,22	29,39	29,04	26,97	14,62	21,80	13,66
18/8/22 9:00	22,29	11,11	29,71	13,22	29,41	29,04	26,99	14,63	21,83	13,68
18/8/22 21:00	22,29	11,11	29,70	13,24	29,46	29,07	26,99	14,64	21,84	13,68
19/8/22 9:00	22,28	11,12	29,71	13,24	29,45	29,06	27,01	14,65	21,85	13,69
19/8/22 21:00	22,28	11,12	29,72	13,23	29,41	29,04	26,98	14,65	21,83	13,69
20/8/22 9:00	22,29	11,12	29,72	13,24	29,45	29,04	26,99	14,65	21,86	13,69
20/8/22 21:00	22,29	11,11	29,69	13,23	29,43	29,04	26,98	14,65	21,84	13,69
21/8/22 9:00	22,29	11,13	29,72	13,25	29,44	29,06	27,01	14,66	21,83	13,71
21/8/22 21:00	22,28	11,11	29,72	13,23	29,41	29,04	26,99	14,66	21,84	13,68
22/8/22 9:00	22,29	11,14	29,73	13,25	29,44	29,04	27,01	14,66	21,84	13,69
22/8/22 21:00	22,28	11,13	29,70	13,24	29,42	29,07	27,00	14,65	21,83	13,69
23/8/22 9:00	22,28	11,12	29,73	13,25	29,42	29,08	27,00	14,66	21,84	13,69
23/8/22 21:00	22,28	11,11	29,71	13,25	29,41	29,05	27,00	14,66	21,83	13,68
24/8/22 9:00	22,30	11,14	29,73	13,26	29,44	29,09	27,02	14,67	21,84	13,70
24/8/22 21:00	22,28	11,11	29,72	13,25	29,44	29,06	27,02	14,66	21,82	13,67
25/8/22 9:00	22,28	11,11	29,70	13,25	29,45	29,06	27,02	14,66	21,84	13,70
25/8/22 21:00	22,29	11,14	29,71	13,25	29,46	29,06	27,01	14,67	21,83	13,72
26/8/22 9:00	22,28	11,11	29,69	13,26	29,44	29,07	27,01	14,67	21,83	13,69
26/8/22 21:00	22,28	11,14	29,70	13,25	29,43	29,05	27,01	14,65	21,80	13,68
27/8/22 9:00	22,28	11,11	29,71	13,26	29,44	29,06	27,01	14,65	21,83	13,69



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
27/8/22 21:00	22,30	11,12	29,71	13,25	29,43	29,06	27,01	14,66	21,82	13,69
28/8/22 9:00	22,29	11,12	29,76		29,44	29,09	27,02	14,67	21,83	13,69
28/8/22 21:00	22,29	11,11	29,72	13,26	29,44	29,05	27,02	14,66	21,82	13,70
29/8/22 9:00	22,29	11,13	29,72	13,27	29,43	29,08	27,03	14,68	21,82	13,71
29/8/22 21:00	22,27	11,12	29,74	13,27	29,42	29,06	27,01	14,67	21,82	13,70
30/8/22 9:00	22,28	11,12	29,74	13,27	29,44	29,09	27,03	14,67	21,82	13,72
30/8/22 21:00	22,30	11,10	29,71	13,28	29,45	29,05	27,02	14,67	21,83	13,71
31/8/22 9:00	22,29	11,13	29,74	13,28	29,43	29,09	27,05	14,67	21,81	13,71
31/8/22 21:00	22,29	11,13	29,72	13,26	29,42	29,07	27,04	14,67	21,80	13,70
1/9/22 9:00	22,30	11,13	29,73	13,28	29,41	29,08	27,03	14,68	21,82	13,71
1/9/22 21:00	22,29	11,12	29,74	13,27	29,44	29,09	27,04	14,65	21,79	13,69
2/9/22 9:00	22,30	11,10	29,76	13,28	29,47	29,09	27,05	14,68	21,81	13,70
2/9/22 21:00	22,28	11,14	29,70	13,29	29,44	29,07	27,05	14,66	21,79	13,69
3/9/22 9:00	22,28	11,13	29,72	13,28	29,46	29,08	27,04	14,67	21,78	13,70
3/9/22 21:00	22,29	11,13	29,72	13,28	29,45	29,06	27,01	14,66	21,76	13,69
4/9/22 9:00	22,30	11,14	29,74	13,28	29,46	29,01	27,06	14,67	21,79	13,71
4/9/22 21:00	22,28	11,13	29,73	13,29	29,47	29,09	27,04	14,67	21,78	13,69
5/9/22 9:00	22,29	11,13	29,74	13,28	29,46	29,09	27,06	14,67	21,79	13,70
5/9/22 21:00	22,28	11,13	29,73	13,29	29,43	29,08	27,06	14,68	21,78	13,71
6/9/22 9:00	22,30	11,13	29,77	13,29	29,49	29,12	27,08	14,68	21,80	13,73
6/9/22 21:00	22,29	11,15	29,74	13,29	29,46	29,08	27,07	14,67	21,77	13,70
7/9/22 9:00	22,29	11,14	29,75	13,29	29,48	29,06	27,07	14,67	21,78	13,72
7/9/22 21:00	22,30	11,13	29,74	13,29	29,45	29,05	27,07	14,66	21,75	13,71
8/9/22 9:00	22,29	11,13	29,74		29,43	29,08	27,07	14,67	21,77	13,72
9/9/22 9:00	22,30	11,15	29,76	13,31	29,47	29,10	27,09	14,67	21,77	13,74
9/9/22 21:00	22,30	11,13	29,75	13,30	29,46	29,08	27,08	14,66	21,76	13,71
10/9/22 9:00	22,30	11,15	29,75	13,30	29,46	29,13	27,07	14,67	21,77	13,73
10/9/22 21:00	22,29	11,15	29,76	13,31	29,45	29,08	27,07	14,66	21,75	13,70
11/9/22 9:00	22,28	11,15	29,75	13,31	29,47	29,09	27,08	14,66	21,76	13,70
11/9/22 21:00	22,30	11,13	29,74	13,31	29,45	29,11	27,06	14,65	21,74	13,70
12/9/22 9:00	22,28	11,14	29,77	13,32	29,48	29,08	27,08	14,66	21,76	13,71
12/9/22 21:00	22,28	11,13	29,75	13,30	29,45	29,09	27,07	14,66	21,73	13,70
13/9/22 9:00	22,30	11,15	29,75	13,32	29,51	29,11	27,07	14,65	21,75	13,70



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
13/9/22 21:00	22,29	11,14	29,73	13,32	29,45	29,12	27,10	14,65	21,74	13,70
14/9/22 9:00	22,30	11,13	29,77	13,32	29,44	29,12	27,10	14,65	21,75	13,71
14/9/22 21:00	22,30	11,16	29,73	13,31	29,51	29,09	27,09	14,66	21,74	13,70
15/9/22 9:00	22,29	11,14	29,77	13,31	29,45	29,11	27,07	14,67	21,74	13,74
15/9/22 21:00	22,29	11,16	29,75	13,32	29,47	29,11	27,08	14,66	21,76	13,73
16/9/22 9:00	22,30	11,14	29,75	13,31	29,44	29,11	27,09	14,65	21,73	13,72
16/9/22 21:00	22,30	11,15	29,75	13,31	29,48	29,12	27,08	14,66	21,74	13,73
17/9/22 9:00	22,29	11,15	29,76	13,32	29,46	29,10	27,09	14,66	21,74	13,72
17/9/22 21:00	22,30	11,15	29,75	13,32	29,46	29,09	27,10	14,66	21,74	13,73
18/9/22 9:00	22,30	11,14	29,76	13,33	29,44	29,12	27,09	14,66	21,74	13,72
18/9/22 21:00	22,30	11,15	29,75	13,32	29,46	29,10	27,09	14,65	21,73	13,71
19/9/22 9:00	22,30	11,16	29,77	13,33	29,48	29,10	27,11	14,66	21,73	13,73
19/9/22 21:00	22,30	11,16	29,76	13,32	29,46	29,13	27,10	14,65	21,72	13,71
20/9/22 9:00	22,31	11,16	29,75	13,32	29,49	29,15	27,12	14,65	21,73	13,71
20/9/22 21:00	22,32	11,13	29,76	13,32	29,48	29,14	27,10	14,65	21,72	13,70
21/9/22 9:00	22,30	11,14	29,76	13,33	29,44	29,12	27,10	14,66	21,73	13,72
21/9/22 21:00	22,30	11,16	29,76	13,33	29,44	29,08	27,10	14,65	21,73	13,71
22/9/22 9:00	22,31		29,76	13,32	29,49	29,10	27,12	14,66	21,73	13,74
22/9/22 21:00	22,30	11,14	29,75	13,34	29,48	29,13	27,13	14,67	21,72	13,72
23/9/22 9:00	22,30	11,17	29,78	13,34	29,48	29,10	27,14	14,67	21,74	13,74
23/9/22 21:00	22,31	11,16	29,78	13,34	29,49	29,10	27,12	14,67	21,75	13,74
24/9/22 9:00	22,31	11,17	29,76	13,34	29,49	29,15	27,12	14,67	21,74	13,75
24/9/22 21:00	22,31	11,17	29,77	13,34	29,50	29,10	27,12	14,67	21,73	13,75
25/9/22 9:00	22,32	11,17	29,76	13,34	29,48	29,10	27,15	14,68	21,76	13,75
25/9/22 21:00	22,31	11,16	29,78	13,34	29,48	29,14	27,13	14,67	21,75	13,74
26/9/22 9:00	22,32	11,16	29,78	13,34	29,48	29,11	27,14	14,68	21,74	13,76
26/9/22 21:00	22,32	11,16	29,76	13,34	29,49	29,12	27,15	14,68	21,74	13,75
27/9/22 9:00	22,31	11,16	29,79	13,34	29,50	29,14	27,16	14,68	21,77	13,76
27/9/22 21:00	22,30	11,17	29,78	13,34	29,45	29,11	27,15	14,67	21,73	13,73
28/9/22 9:00	22,31	11,16	29,80	13,35	29,48	29,11	27,15	14,68	21,75	13,75
28/9/22 21:00	22,32	11,16	29,81	13,35	29,46	29,14	27,14	14,68	21,75	13,77
29/9/22 9:00	22,31	11,16	29,80	13,36	29,48	29,13	27,15	14,68	21,75	13,75
29/9/22 21:00	22,32	11,17	29,78	13,35	29,48	29,12	27,14	14,68	21,76	13,74



Data	INA-210	INA-211	INA-212	INA-213	INA-214	INA-215	INA-217	INA-220	INA-221	INA-225 A
30/9/22 9:00	22,32	11,17	29,78	13,37	29,51	29,15	27,17	14,68	21,76	13,76
30/9/22 21:00	22,32	11,17	29,81	13,35	29,50	29,14	27,16	14,68	21,74	13,76


BARRAGEM – B1B4 – PZ – B1
Abril 2022 a Setembro 2022

DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
1/4/22 9:00	10,42	13,42	s	15,69	25,22	s
1/4/22 21:00	10,43	13,42	s	15,68	25,20	s
2/4/22 9:00	10,41	13,44	s	15,68	25,21	s
2/4/22 21:00	10,42	13,43	s	15,66	25,19	s
3/4/22 9:00	10,42	13,45	s	15,65	25,20	s
3/4/22 21:00	10,42	13,43	s	15,68	25,17	s
4/4/22 9:00	10,41	13,44	s	15,70	25,19	s
4/4/22 21:00	10,42	13,44	s	15,67	25,16	s
5/4/22 9:00	10,41	13,45	s	15,69	25,18	s
5/4/22 21:00	10,42	13,45	s	15,67	25,15	s
6/4/22 9:00	10,43	13,47	s	15,70	25,17	s
6/4/22 21:00	10,42	13,47	s	15,68	25,19	s
7/4/22 9:00	10,43	13,47	s	15,70	25,17	s
7/4/22 21:00	10,42	13,47	s	15,70	25,20	s
8/4/22 9:00	10,43	13,48	s	15,71	25,20	s
8/4/22 21:00	10,45	13,48	s	15,69	25,19	s
9/4/22 9:00	10,46	13,49	s	15,70	25,20	s
9/4/22 21:00	10,47	13,50	s		25,18	s
10/4/22 9:00	10,48	13,50	s	15,70	25,20	s
10/4/22 21:00	10,45	13,50	s	15,71	25,17	s
11/4/22 9:00	10,48	13,51	s	15,72	25,19	s
11/4/22 21:00	10,48	13,51	s	15,71	25,19	s
12/4/22 9:00	10,48	13,54	s	15,73	25,21	s
12/4/22 21:00	10,49	13,52	s	15,75	25,20	s
13/4/22 9:00	10,48	13,52	s	15,73	25,18	s
13/4/22 21:00	10,48	13,54	s	15,74	25,18	s
14/4/22 9:00	10,51	13,55	s	15,74	25,19	s
14/4/22 21:00	10,52	13,55	s	15,74	25,20	s
15/4/22 9:00	10,50	13,57	s	15,74	25,21	s
15/4/22 21:00	10,51	13,56	s	15,75	25,22	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
16/4/22 9:00	10,54	13,58		15,79	25,21	s
16/4/22 21:00	10,52	13,57	s	15,77	25,20	s
17/4/22 9:00	10,55	13,57	s	15,76	25,19	s
17/4/22 21:00	10,54	13,57	s	15,78	25,21	s
18/4/22 9:00	10,56	13,58	s	15,77	25,20	s
18/4/22 21:00	10,54	13,58	s	15,77	25,19	s
19/4/22 9:00	10,56	13,58	s	15,78	25,21	s
19/4/22 21:00	10,57	13,58	s	15,75	25,19	s
20/4/22 9:00	10,58	13,60	s	15,75	25,21	s
20/4/22 21:00	10,59	13,59	s	15,79	25,19	s
21/4/22 9:00	10,57	13,59	s	15,79	25,23	s
21/4/22 21:00	10,56	13,60	s	15,78	25,19	s
22/4/22 9:00	10,58	13,61	s	15,80	25,20	s
22/4/22 21:00	10,60	13,60	s	15,81	25,23	s
23/4/22 9:00	10,61	13,62	s	15,81	25,24	s
23/4/22 21:00	10,59	13,60	s	15,78	25,22	s
24/4/22 9:00	10,63	13,65	s	15,83	25,24	s
24/4/22 21:00	10,63	13,64	s	15,81	25,21	s
25/4/22 9:00	10,61	13,68	s	15,85	25,22	s
25/4/22 21:00	10,62	13,66	s	15,84	25,23	s
26/4/22 9:00	10,63	13,68	s	15,85	25,22	s
26/4/22 21:00	10,63	13,66	s	15,84	25,20	s
27/4/22 9:00	10,66	13,70	s	15,87	25,25	s
27/4/22 21:00	10,65	13,70	s	15,86	25,23	s
28/4/22 9:00	10,67	13,72	s	15,90	25,23	s
28/4/22 21:00	10,66	13,70	s	15,89	25,22	s
29/4/22 9:00	10,66	13,72	s	15,88	25,22	s
29/4/22 21:00	10,66	13,75	s	15,89	25,24	s
30/4/22 9:00	10,67	13,75	s	15,91	25,24	s
30/4/22 21:00	10,68	13,73	s	15,91	25,21	s
1/5/22 9:00	10,68	13,75	s	15,89	25,27	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
1/5/22 21:00	10,71	13,76	s	15,92	25,25	s
2/5/22 9:00	10,70	13,78	s	15,95	25,24	s
2/5/22 21:00	10,72	13,77	s	15,93	25,25	s
3/5/22 9:00	10,73	13,77	s	15,94	25,25	s
3/5/22 21:00	10,73	13,78	s	15,92	25,24	s
4/5/22 9:00	10,70	13,79	s	15,95	25,22	s
4/5/22 21:00	10,75	13,78	s	15,96	25,24	s
5/5/22 9:00	10,74	13,79	s	15,97	25,25	s
5/5/22 21:00	10,78	13,78	s	15,97	25,23	s
6/5/22 9:00	10,77	13,78	s	15,97	25,27	s
6/5/22 21:00	10,75	13,78	s	15,98	25,25	s
7/5/22 9:00	10,77	13,83	s	15,98	25,27	s
7/5/22 21:00	10,78	13,81	s	15,96	25,24	s
8/5/22 9:00	10,80	13,82	s	15,98	25,26	s
8/5/22 21:00	10,78	13,81	s	15,97	25,25	s
9/5/22 9:00	10,79	13,84	s	16,01	25,26	s
9/5/22 21:00	10,78	13,83	s	16,00	25,26	s
10/5/22 9:00	10,81	13,85	s	16,00	25,27	s
10/5/22 21:00	10,79		s	16,02	25,24	s
11/5/22 9:00	10,80	14,00	s	16,07	25,26	s
11/5/22 21:00	10,81	14,02	s	16,08	25,24	s
12/5/22 9:00	10,82		s	16,12	25,26	s
12/5/22 21:00	10,83	14,07	s	16,12	25,26	s
13/5/22 9:00	10,83	14,12	s	16,18	25,29	s
13/5/22 21:00	10,84	14,12	s	16,18	25,27	s
14/5/22 9:00	10,86	14,15	s	16,19	25,28	s
14/5/22 21:00	10,85	14,15	s	16,21	25,25	s
15/5/22 9:00	10,86	14,18	s	16,25	25,27	s
15/5/22 21:00	10,86	14,18	s	16,25	25,26	s
16/5/22 9:00	10,87	14,21	s	16,28	25,30	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
16/5/22 21:00	10,85	14,23	s	16,28	25,27	s
17/5/22 9:00	10,87	14,26	s	16,33	25,26	s
17/5/22 21:00	10,88	14,26	s	16,33	25,26	s
18/5/22 9:00	10,90	14,28	s	16,37	25,25	s
18/5/22 21:00	10,89	14,29	s	16,34	25,24	s
19/5/22 9:00	10,88	14,33	s	16,41	25,26	s
19/5/22 21:00	10,89	14,35	s	16,41	25,31	s
20/5/22 9:00	10,90	14,37	s	16,43	25,29	s
20/5/22 21:00	10,93	14,37	s	16,43	25,29	s
21/5/22 9:00	10,90	14,40	s	16,49	25,29	s
21/5/22 21:00	10,93	14,41	s	16,47	25,29	s
22/5/22 9:00	10,92	14,43	s	s	25,29	s
22/5/22 21:00	10,92	14,43	s	s	25,28	s
23/5/22 9:00	10,93	14,46	s	s	25,29	s
23/5/22 21:00	10,91	14,46	s	s	25,28	s
24/5/22 9:00	10,94	14,49	s	s	25,27	s
24/5/22 21:00	10,95	14,50	s	s	25,28	s
25/5/22 9:00	10,96	14,52	s	s	25,29	s
25/5/22 21:00	10,95	14,53	s	s	25,28	s
26/5/22 9:00	10,97	14,55	s	s	25,29	s
26/5/22 21:00	10,95	14,55	s	s	25,28	s
27/5/22 9:00	10,99	14,57	s	s	25,29	s
27/5/22 21:00	10,98	14,57	s	s	25,26	s
28/5/22 9:00	10,98	14,59	s	s	25,28	s
28/5/22 21:00	10,97	14,59	s	s	25,26	s
29/5/22 9:00	11,01	14,61	s	s	25,28	s
29/5/22 21:00	10,96	14,60	s	s	25,28	s
30/5/22 9:00	10,98	14,62	s	s	25,28	s
30/5/22 21:00	10,99	14,62	s	s	25,28	s
31/5/22 9:00	11	14,64	s	s	25,28	s
31/5/22 21:00	10,99	14,05	s	s	25,28	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
1/6/22 9:00	11,00	13,63	s	16,46	25,30	s
1/6/22 21:00	11,00	13,43	s	16,30	25,28	s
2/6/22 9:00	11,02	14,21	s	16,37	25,29	s
2/6/22 21:00	11,00	14,34	s	16,44	25,28	s
3/6/22 9:00	11,04	14,43	s	s	25,30	s
3/6/22 21:00	11,02	14,46	s	s	25,28	s
4/6/22 9:00	11,06	14,53	s	s	25,28	s
4/6/22 21:00	11,04	14,56	s	s	25,29	s
5/6/22 9:00	11,06	14,60	s	s	25,29	s
5/6/22 21:00	11,05	14,61	s	s	25,28	s
6/6/22 9:00	11,03	14,65	s	s	25,30	s
6/6/22 21:00	11,07	14,66	s	s	25,28	s
7/6/22 9:00	11,08	14,69	s	s	25,28	s
7/6/22 21:00	11,06	14,70	s	s	25,28	s
8/6/22 9:00	11,09	14,73	s	s	25,28	s
8/6/22 21:00	11,06	14,74	s	s	25,28	s
9/6/22 9:00	11,07	14,76	s	s	25,29	s
9/6/22 21:00	11,09	14,78	s	s	25,29	s
10/6/22 9:00	11,11	14,79	s	s	25,28	s
10/6/22 21:00	11,09	14,81	s	s	25,27	s
11/6/22 9:00	11,10	14,83	s	s	25,27	s
11/6/22 21:00	11,12	14,85	s	s	25,28	s
12/6/22 9:00	11,11	14,86	s	s	25,28	s
12/6/22 21:00	11,12	14,88	s	s	25,29	s
13/6/22 9:00	11,12	14,90	s	s	25,27	s
13/6/22 21:00	11,12	14,89	s	s	25,27	s
14/6/22 9:00	11,13	14,92	s	s	25,26	s
14/6/22 21:00	11,13	14,92	s	s	25,26	s
15/6/22 9:00	11,15	14,93	s	s	25,27	s
15/6/22 21:00	11,12	14,94	s	s	25,24	s
16/6/22 9:00	11,14	14,95	s	s	25,26	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
16/6/22 21:00	11,15	14,95	s	s	25,23	s
17/6/22 9:00	11,18	14,97	s	s	25,24	s
17/6/22 21:00	11,16	14,98	s	s	25,25	s
18/6/22 9:00	11,15	15,01	s	s	25,25	s
18/6/22 21:00	11,16	15,00	s	s	25,24	s
19/6/22 9:00	s	15,01	s	s	25,24	s
19/6/22 21:00	11,18	15,03	s	s	25,25	s
20/6/22 9:00	11,19	15,05	s	s	25,27	s
20/6/22 21:00	s	15,05	s	s	25,24	s
21/6/22 9:00	s	15,05	s	s	25,25	s
21/6/22 21:00	s	15,06	s	s	25,25	s
22/6/22 9:00	s	15,07	s	s	25,24	s
22/6/22 21:00	s	15,07	s	s	25,23	s
23/6/22 9:00	s	15,09	s	s	25,25	s
23/6/22 21:00	s	15,08	s	s	25,22	s
24/6/22 9:00	s	15,10	s	s	25,25	s
24/6/22 21:00	s	15,09	s	s	25,25	s
25/6/22 9:00	s	15,11	s	s	25,24	s
25/6/22 21:00	s	15,10	s	s	25,24	s
26/6/22 9:00	s	15,11	s	s	25,23	s
26/6/22 21:00	s	15,11	s	s	25,23	s
27/6/22 9:00	s	15,13	s	s	25,23	s
27/6/22 21:00	s	15,11	s	s	25,25	s
28/6/22 9:00	s	15,14	s	s	25,26	s
28/6/22 21:00	s	15,13	s	s	25,23	s
29/6/22 9:00	s	15,13	s	s	25,25	s
29/6/22 21:00	s	15,13	s	s	25,22	s
30/6/22 9:00	s	15,14	s	s	25,24	s
30/6/22 21:00	s	15,14	s	s	25,23	s
1/7/22 9:00	s	15,16	s	s	25,21	s
1/7/22 21:00	s	15,19	s	s	25,22	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
2/7/22 9:00	s	15,22	s	s	25,25	s
2/7/22 21:00	s	15,22	s	s	25,21	s
3/7/22 9:00	s	15,24	s	s	25,25	s
3/7/22 21:00	s	15,24	s	s	25,23	s
4/7/22 9:00	s	15,25	s	s	25,24	s
4/7/22 21:00	s	15,24	s	s	25,21	s
5/7/22 9:00	s	15,26	s	s	25,22	s
5/7/22 21:00	s	15,26	s	s	25,22	s
6/7/22 9:00	s	15,27	s	s	25,22	s
6/7/22 21:00	s	15,27	s	s	25,19	s
7/7/22 9:00	s	15,30	s	s	25,23	s
7/7/22 21:00	s	15,31	s	s	25,20	s
8/7/22 9:00	s	15,33	s	s	25,21	s
8/7/22 21:00	s	15,34	s	s	25,22	s
9/7/22 9:00	s	15,34	s	s	25,20	s
9/7/22 21:00	s	15,35	s	s	25,19	s
10/7/22 9:00	s	15,36	s	s	25,20	s
10/7/22 21:00	s	15,36	s	s	25,17	s
11/7/22 9:00	s	15,38	s	s	25,19	s
11/7/22 21:00	s	15,34	s	s	25,19	s
12/7/22 9:00	s	15,40	s	s	25,18	s
12/7/22 21:00	s	15,41	s	s	25,17	s
13/7/22 9:00	s	15,42	s	s	25,20	s
13/7/22 21:00	s	15,43	s	s	25,19	s
14/7/22 9:00	s	15,44	s	s	25,18	s
14/7/22 21:00	s	15,44	s	s	25,17	s
15/7/22 9:00	s	15,47	s	s	25,18	s
15/7/22 21:00	s	15,46	s	s	25,16	s
16/7/22 9:00	s	15,49	s	s	25,17	s
16/7/22 21:00	s	15,45	s	s	25,17	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
17/7/22 9:00	s	15,44	s	s	25,18	s
17/7/22 21:00	s	15,43	s	s	25,18	s
18/7/22 9:00	s	15,43	s	s	25,16	s
18/7/22 21:00	s	15,43	s	s	25,19	s
19/7/22 9:00	s	15,43	s	s	25,20	s
19/7/22 21:00	s	15,42	s	s	25,16	s
20/7/22 9:00	s	15,43	s	s	25,18	s
20/7/22 21:00	s	15,43	s	s	25,16	s
21/7/22 9:00	s	15,45	s	s	25,17	s
21/7/22 21:00	s	15,45	s	s	25,18	s
22/7/22 9:00	s	15,46	s	s	25,17	s
22/7/22 21:00	s	15,46	s	s	25,16	s
23/7/22 9:00	s	15,48	s	s	25,15	s
23/7/22 21:00	s	15,48	s	s	25,15	s
24/7/22 9:00	s	15,49	s	s	25,17	s
24/7/22 21:00	s	15,49	s	s	25,16	s
25/7/22 9:00	s	15,50	s	s	25,16	s
25/7/22 21:00	s	15,50	s	s	25,16	s
26/7/22 9:00	s	15,52	s	s	25,17	s
27/7/22 9:00	s	15,52	s	s	25,15	s
27/7/22 21:00	s	15,52	s	s	25,15	s
28/7/22 9:00	s	15,53	s	s	25,14	s
28/7/22 21:00	s	15,51	s	s	25,16	s
29/7/22 9:00	s	15,54	s	s	25,16	s
29/7/22 21:00	s	15,53	s	s	25,14	s
30/7/22 9:00	s	15,55	s	s	25,14	s
30/7/22 21:00	s	15,55	s	s	25,15	s
31/7/22 9:00	s	15,56	s	s	25,15	s
31/7/22 21:00	s	15,56	s	s	25,14	s
1/8/22 9:00	s	15,57	s	s	25,15	s
1/8/22 21:00	s	15,57	s	s	25,15	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
2/8/22 9:00	s	15,58	s	s	25,13	s
2/8/22 21:00	s	15,58	s	s	25,12	s
3/8/22 9:00	s	15,59	s	s	25,14	s
3/8/22 21:00	s	15,58	s	s	25,12	s
4/8/22 9:00	s	15,60	s	s	25,14	s
4/8/22 21:00	s	15,60	s	s	25,14	s
5/8/22 9:00	s	15,61	s	s	25,14	s
5/8/22 21:00	s	15,60	s	s	25,12	s
6/8/22 9:00	s	15,62	s	s	25,13	s
6/8/22 21:00	s	15,62	s	s	25,15	s
7/8/22 9:00	s	15,64	s	s	25,13	s
7/8/22 21:00	s	15,63	s	s	25,11	s
8/8/22 9:00	s	15,64	s	s	25,14	s
8/8/22 21:00	s	15,64	s	s	25,12	s
9/8/22 9:00	s	15,65	s	s	25,11	s
9/8/22 21:00	s	15,65	s	s	25,13	s
10/8/22 9:00	s	15,04	s	s	25,13	s
10/8/22 21:00	s	15,39	s	s	25,13	s
11/8/22 9:00	s	15,51	s	s	25,12	s
12/8/22 9:00	s	15,60	s	s	25,13	s
12/8/22 21:00	s	15,63	s	s	25,13	s
13/8/22 9:00	s	15,68	s	s	25,15	s
13/8/22 21:00	s	15,69	s	s	25,11	s
14/8/22 9:00	s	15,70	s	s	25,12	s
14/8/22 21:00	s	15,72	s	s	25,10	s
15/8/22 9:00	s	15,73	s	s	25,10	s
15/8/22 21:00	s	15,73	s	s	25,12	s
16/8/22 9:00	s	15,75	s	s	25,10	s
16/8/22 21:00	s	15,74	s	s	25,10	s
17/8/22 9:00	s	15,76	s	s	25,11	s
17/8/22 21:00	s	15,77	s	s	25,12	s
18/8/22 9:00	s	15,78	s	s	25,10	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
18/8/22 21:00	s	15,80	s	s	25,11	s
19/8/22 9:00	s	15,81	s	s	25,12	s
19/8/22 21:00	s	15,81	s	s	25,10	s
20/8/22 9:00	s	15,84	s	s	25,11	s
20/8/22 21:00	s	15,84	s	s	25,10	s
21/8/22 9:00	s	15,86	s	s	25,12	s
21/8/22 21:00	s	15,86	s	s	25,10	s
22/8/22 9:00	s	15,86	s	s	25,10	s
20/9/22 9:00	s	16,35	s	s	25,05	s
20/9/22 21:00	s	16,37	s	s	25,04	s
21/9/22 9:00	s	16,39	s	s	25,06	s
21/9/22 21:00	s	16,38	s	s	25,06	s
22/9/22 9:00	s	16,40	s	s	25,06	s
22/8/22 21:00	s	15,87	s	s	25,10	s
23/8/22 9:00	s	15,89	s	s	25,10	s
23/8/22 21:00	s	15,88	s	s	25,09	s
24/8/22 9:00	s	15,90	s	s	25,12	s
24/8/22 21:00	s	15,94	s	s	25,09	s
25/8/22 9:00	s	15,97	s	s	25,09	s
25/8/22 21:00	s	15,99	s	s	25,09	s
26/8/22 9:00	s	16,01	s	s	25,09	s
26/8/22 21:00	s	16,02	s	s	25,08	s
27/8/22 9:00	s	16,04	s	s	25,09	s
27/8/22 21:00	s	16,05	s	s	25,09	s
28/8/22 9:00	s	16,07	s	s	25,09	s
28/8/22 21:00	s	16,08	s	s	25,08	s
29/8/22 9:00	s	16,09	s	s	25,09	s
29/8/22 21:00	s	16,09	s	s	25,08	s
30/8/22 9:00	s	16,11	s	s	25,08	s
30/8/22 21:00	s	16,12	s	s	25,10	s
31/8/22 9:00	s	16,13	s	s	25,09	s
31/8/22 21:00	s	16,13	s	s	25,07	s



DATA	PZ-202A	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
1/9/22 9:00	s	16,15	s	s	25,11	s
1/9/22 21:00	s	16,15	s	s	25,08	s
2/9/22 9:00	s	16,17	s	s	25,09	s
2/9/22 21:00	s	16,16	s	s	25,08	s
3/9/22 9:00	s	16,17	s	s	25,08	s
3/9/22 21:00	s	16,18	s	s	25,09	s
4/9/22 9:00	s	16,20	s	s	25,08	s
4/9/22 21:00	s	16,21	s	s	25,08	s
5/9/22 9:00	s	16,21	s	s	25,09	s
5/9/22 21:00	s	16,21	s	s	25,09	s
6/9/22 9:00	s	16,24	s	s	25,10	s
6/9/22 21:00	s	16,22	s	s	25,09	s
7/9/22 9:00	s	16,24	s	s	25,08	s
7/9/22 21:00	s	16,24	s	s	25,07	s
8/9/22 9:00	s	16,24	s	s	25,08	s
9/9/22 9:00	s	16,27	s	s	25,10	s
9/9/22 21:00	s	16,26	s	s	25,08	s
10/9/22 9:00	s	16,28	s	s	25,10	s
10/9/22 21:00	s	16,27	s	s	25,06	s
11/9/22 9:00	s	16,29	s	s	25,08	s
11/9/22 21:00	s	16,29	s	s	25,08	s
12/9/22 9:00	s	16,30	s	s	25,08	s
12/9/22 21:00	s	16,28	s	s	25,07	s
13/9/22 9:00	s	16,31	s	s	25,06	s
13/9/22 21:00	s	16,31	s	s	25,08	s
14/9/22 9:00	s	16,32	s	s	25,09	s
14/9/22 21:00	s	16,32	s	s	25,06	s
15/9/22 9:00	s	16,34	s	s	25,06	s
15/9/22 21:00	s	16,33	s	s	25,07	s
16/9/22 9:00	s	16,34	s	s	25,05	s
16/9/22 21:00	s	16,35	s	s	25,06	s



DATA	PZ-202	PZ-207	PZ-311	PZ-312	PZ-315	PZ-316
17/9/22 9:00	s	16,36	s	s	25,07	s
17/9/22 21:00	s	16,36	s	s	25,06	s
18/9/22 9:00	s	16,37	s	s	25,06	s
18/9/22 21:00	s	16,37	s	s	25,06	s
19/9/22 9:00	s	16,38	s	s	25,05	s
19/9/22 21:00	s	16,38	s	s	25,03	s
20/9/22 9:00	s	16,35	s	s	25,05	s
20/9/22 21:00	s	16,37	s	s	25,04	s
21/9/22 9:00	s	16,39	s	s	25,06	s
21/9/22 21:00	s	16,38	s	s	25,06	s
22/9/22 9:00	s	16,40	s	s	25,06	s
22/9/22 21:00	s	16,39	s	s	25,06	s
23/9/22 9:00	s	16,41	s	s	25,06	s
23/9/22 21:00	s	16,41	s	s	25,05	s
24/9/22 9:00	s	16,41	s	s	25,08	s
24/9/22 21:00	s	16,41	s	s	25,06	s
25/9/22 9:00	s	16,43	s	s	25,09	s
25/9/22 21:00	s	16,43	s	s	25,06	s
26/9/22 9:00	s	16,44	s	s	25,08	s
26/9/22 21:00	s	16,44	s	s	25,05	s
27/9/22 9:00	s	16,45	s	s	25,05	s
27/9/22 21:00	s	16,44	s	s	25,01	s
28/9/22 9:00	s	16,46	s	s	25,07	s
28/9/22 21:00	s	16,52	s	s	25,05	s
29/9/22 9:00	s	16,54	s	s	25,05	s
29/9/22 21:00	s	16,56	s	s	25,05	s
30/9/22 9:00	s	16,60	s	s	25,06	s
30/9/22 21:00	s	16,60	s	s	25,06	s


BARRAGEM B1-B4 – PZ – B4

Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
1/4/22 9:00	20,20	19,19	14,63	s	23,80	s	18,71
1/4/22 21:00	20,18	19,18	14,61	13,94	23,79	s	18,71
2/4/22 9:00	20,18	19,18	14,62	13,94	23,79	s	18,70
2/4/22 21:00	20,16	19,17	14,60	13,95	23,78	s	18,70
3/4/22 9:00	20,16	19,17	14,61	s	23,78	s	18,70
3/4/22 21:00	20,16	19,16	14,60	13,94	23,79	s	18,69
4/4/22 9:00	20,15	19,16	14,59	s	23,78	s	18,71
4/4/22 21:00	20,13	19,15	14,60	13,94	23,78	s	18,69
5/4/22 9:00	20,13	19,15	14,59	s	23,79	s	18,70
5/4/22 21:00	20,12	19,12	14,58	13,95	23,78	s	18,68
6/4/22 9:00	20,12	19,13	14,59	13,94	23,79	s	18,70
6/4/22 21:00	20,11	19,12	14,56	13,94	23,77	s	18,69
7/4/22 9:00	20,11	19,13	14,57	s	23,78	s	18,69
7/4/22 21:00	20,09	19,13	14,57	13,94	23,78	s	18,70
8/4/22 9:00	20,10	19,12	14,58	13,94	23,80	s	18,70
8/4/22 21:00	20,08	19,10	14,57	13,94	23,77	s	18,68
9/4/22 9:00	20,09	19,11	14,56	s	23,77	s	18,70
9/4/22 21:00	20,07	19,10	14,56	s	23,78	s	18,69
10/4/22 9:00	20,07	19,10	14,56	s	23,78	s	18,69
10/4/22 21:00	20,05	19,08	14,56	13,94	23,76	s	18,68
11/4/22 9:00	20,06	19,09	14,57	s	23,79	s	18,69
11/4/22 21:00	20,05	19,09	14,56	13,94	23,78	s	18,68
12/4/22 9:00	20,04	19,09	14,56	s	23,78	s	18,68
12/4/22 21:00	20,03	19,09	14,55	13,95	23,79	s	18,69
13/4/22 9:00	20,03	19,07	14,56	s	23,77	s	18,68
13/4/22 21:00	20,02	19,07	14,54	13,94	23,77	s	18,67
14/4/22 9:00	20,02	19,07	14,55	s	23,77	s	18,68
14/4/22 21:00	20,00	19,06	14,54	s	23,78	s	18,68
15/4/22 9:00	20,00	19,07	14,55	13,94	23,80	s	18,68
15/4/22 21:00	20,00	19,06	14,55	13,93	23,77	s	18,69
16/4/22 9:00	20,00	19,07	14,55	13,94	23,78	s	18,70



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
16/4/22 21:00	19,99	19,05	14,55	s	23,77	s	18,69
17/4/22 9:00	19,99	19,05	14,55	13,95	23,78	s	18,70
17/4/22 21:00	19,97	19,06	14,55	13,94	23,76	s	18,69
18/4/22 9:00	19,97	19,06	14,55	13,94	23,78	s	18,69
18/4/22 21:00	19,96	19,04	14,54	13,93	23,78	s	18,68
19/4/22 9:00	19,95	19,05	14,54	13,93	23,76	s	18,69
19/4/22 21:00	19,95	19,03	14,52	13,94	23,77	s	18,69
20/4/22 9:00	19,95	19,03	14,54	13,95	23,78	s	18,69
20/4/22 21:00	19,93	19,03	14,52	s	23,76	s	18,69
21/4/22 9:00	19,94	19,03	14,53	13,95	23,76	s	18,69
21/4/22 21:00	19,91	19,02	14,51	13,94	23,76	s	18,67
22/4/22 9:00	19,91	19,03	14,53	13,93	23,77	s	18,67
22/4/22 21:00	19,90	19,01	14,51	13,94	23,76	s	18,68
23/4/22 9:00	19,92	19,02	14,54	s	23,78	s	18,70
23/4/22 21:00	19,89	19,02	14,51	13,94	23,74	s	18,69
24/4/22 9:00	19,90	19,03	14,53	13,95	23,78	s	18,71
24/4/22 21:00	19,90	19,01	14,52	s	23,76	s	18,70
25/4/22 9:00	19,89	19,03	14,53	13,93	23,78	s	18,70
25/4/22 21:00	19,88	19,02	14,52	13,95	23,76	s	18,69
26/4/22 9:00	19,89	19,03	14,53	s	23,79	s	18,70
26/4/22 21:00	19,87	19,00	14,53	s	23,75	s	18,69
27/4/22 9:00	19,87	19,01	14,54	13,94	23,77	s	18,69
27/4/22 21:00	19,87	19,01	14,52	13,94	23,77	s	18,70
28/4/22 9:00	19,87	19,02	14,53	13,95	23,76	s	18,71
28/4/22 21:00	19,85	19,01	14,52	13,94	23,75	s	18,69
29/4/22 9:00	19,86	19,02	14,53	13,95	23,76	s	18,71
29/4/22 21:00	19,85	19	14,53	13,93	23,75	s	18,70
30/4/22 9:00	19,85	18,99	14,53	13,93	23,78	s	18,71
30/4/22 21:00	19,84	19,00	14,51	13,94	23,76	s	18,71
1/5/22 9:00	19,83	19,00	14,53	13,93	23,76	s	18,70
1/5/22 21:00	19,83	19,00	14,52	s	23,75	s	18,70
2/5/22 9:00	19,84	19,00	14,53	s	23,77	s	18,70



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
2/5/22 21:00	19,83	18,99	14,53	13,93	23,76	s	18,70
3/5/22 9:00	19,82		14,53	13,95	23,75	s	18,72
3/5/22 21:00	19,81	18,99	14,53	13,94	23,76	s	18,70
4/5/22 9:00	19,81	18,99	14,53	13,94	23,76	s	18,70
4/5/22 21:00	19,81	18,99	14,54	s	23,74	s	18,71
5/5/22 9:00	19,82	18,99	14,54	13,94	23,75	s	18,72
5/5/22 21:00	19,81	18,99	14,54	13,94	23,75	s	18,73
6/5/22 9:00	19,82	19,00	14,54	s	23,77	s	18,73
6/5/22 21:00	19,81	19,00	14,53	s	23,75	s	18,72
7/5/22 9:00	19,81	18,99	14,55	13,95	23,76	s	18,74
7/5/22 21:00	19,80	18,98	14,52	13,95	23,74	s	18,72
8/5/22 9:00	19,81	18,99	14,54	13,95	23,76	s	18,73
8/5/22 21:00	19,80	18,98	14,55	s	23,74	s	18,72
9/5/22 9:00	19,81	19,00	14,55	13,95	23,74	s	18,74
9/5/22 21:00	19,80	18,99	14,55	13,95	23,74	s	18,72
10/5/22 9:00	19,80	18,98	14,54	13,94	23,74	s	18,73
10/5/22 21:00	19,79	18,99	14,54	s	23,73	s	18,73
11/5/22 9:00	19,79	18,99	14,54	13,95	23,75	s	18,73
11/5/22 21:00	19,78	18,98	14,53	s	23,72	s	18,72
12/5/22 9:00	19,79	19,00	14,53	13,95	23,75	s	18,74
12/5/22 21:00	19,79	18,98	14,53	s	23,74	s	18,74
13/5/22 9:00	19,80	19,00	14,55	13,95	23,74	s	18,75
13/5/22 21:00	19,79	18,99	14,56	s	23,74	s	18,75
14/5/22 9:00	19,79	18,99	14,56	s	23,74	s	18,75
14/5/22 21:00	19,77	18,99	14,54	s	23,72	s	18,73
15/5/22 9:00	19,79	19,00	14,55	s	23,75	s	18,74
15/5/22 21:00	19,78	18,99	14,55	13,95	23,70	s	18,74
16/5/22 9:00	19,79	18,99	14,55	s	23,73	s	18,75
16/5/22 21:00	19,78	18,99	14,55	13,95	23,72	s	18,74
17/5/22 9:00	19,79	18,99	14,55		23,74	s	18,75
17/5/22 21:00	19,78	18,98	14,54	13,94	23,73	s	18,75
18/5/22 9:00	19,78	18,99	14,55		23,72	s	18,75



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
18/5/22 21:00	19,78	18,99	14,54	13,95	23,72	s	18,75
19/5/22 9:00	19,79	18,99	14,56		23,72	s	18,75
19/5/22 21:00	19,80	19,00	14,57	13,95	23,73	s	18,75
20/5/22 9:00	19,80	19,01	14,57		23,72	s	18,77
20/5/22 21:00	19,80	19,01	14,57	13,95	23,72	s	18,77
21/5/22 9:00	19,81	19,02	14,59	13,94	23,73	s	18,77
21/5/22 21:00	19,80	19,01	14,58	13,95	23,71	s	18,77
22/5/22 9:00	19,81	19,01	14,58		23,73	s	18,77
22/5/22 21:00	19,80	19,00	14,56	13,94	23,71	s	18,76
23/5/22 9:00	19,81	19,02	14,57	13,94	23,72	s	18,77
23/5/22 21:00	19,80	19,01	14,57	13,95	23,71	s	18,78
24/5/22 9:00	19,82	19,03	14,59	s	23,72	s	18,77
24/5/22 21:00	19,82	19,01	14,59	s	23,71	s	18,78
25/5/22 9:00	19,83	19,03	14,60	13,95	23,71	s	18,80
25/5/22 21:00	19,82	19,01	14,59	s	23,71	s	18,78
26/5/22 9:00	19,82	19,02	14,59	s	23,71	s	18,79
26/5/22 21:00	19,82	19,01	14,59	s	23,70	s	18,78
27/5/22 9:00	19,83	19,02	14,59	s	23,70	s	18,78
27/5/22 21:00	19,82	19,01	14,57	13,94	23,70	s	18,77
28/5/22 9:00	19,83	19,02	14,61	s	23,70	s	18,79
28/5/22 21:00	19,81	19,01	14,57	13,95	23,68	s	18,77
29/5/22 9:00	19,82	19,01	14,59	13,94	23,69	s	18,79
29/5/22 21:00	19,81	19,00	14,58	s	23,67	s	18,78
30/5/22 9:00	19,81	19,02	14,61	13,95	23,70	s	18,79
30/5/22 21:00	19,82	19,02	14,6	s	23,69	s	18,79
31/5/22 9:00	19,83	19,02	14,6	s	23,69	s	18,78
31/5/22 21:00	19,83	19,01	14,51	s	23,68	s	18,75
1/6/22 9:00	19,85	18,98	14,44	s	23,69	s	18,71
1/6/22 21:00	19,85	18,95	14,39	13,94	23,67	s	18,65
2/6/22 9:00	19,85	18,94	14,34	s	23,68	s	18,61
2/6/22 21:00	19,85	18,94	14,34	13,94	23,68	s	18,57



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
3/6/22 9:00	19,86	18,92	14,32	s	23,68	s	18,56
3/6/22 21:00	19,85	18,90	14,31	s	23,67	s	18,53
4/6/22 9:00	19,87	18,90	14,30	s	23,71	s	18,52
4/6/22 21:00	19,87	18,89	14,35	13,94	23,69	s	18,53
5/6/22 9:00	19,88	18,90	14,38	s	23,69	s	18,56
5/6/22 21:00	19,86	18,90	14,38	s	23,65	s	18,56
6/6/22 9:00	19,87	18,91	14,40	13,93	23,68	s	18,57
6/6/22 21:00	19,87	18,90	14,39	13,93	23,68	s	18,59
7/6/22 9:00	19,88	18,91	14,39	13,94	23,67	s	18,61
7/6/22 21:00	19,87	18,90	14,42	13,92	23,65	s	18,61
8/6/22 9:00	19,89	18,92	14,43	s	23,67	s	18,63
8/6/22 21:00	19,88	18,91	14,44	13,93	23,67	s	18,64
9/6/22 9:00	19,90	18,91	14,44	s	23,67	s	18,66
9/6/22 21:00	19,90	18,92	14,44	13,95	23,66	s	18,67
10/6/22 9:00	19,90	18,94	14,50	s	23,68	s	18,69
10/6/22 21:00	19,90	18,94	14,51	s	23,66	s	18,71
11/6/22 9:00	19,91	18,94	14,52	s	23,67	s	18,72
11/6/22 21:00	19,90	18,95	14,53	s	23,66	s	18,73
12/6/22 9:00	19,92	18,96	14,55	s	23,67	s	18,76
12/6/22 21:00	19,92	18,97	14,57	s	23,66	s	18,77
13/6/22 9:00	19,93	18,98	14,58	s	23,67	s	18,79
13/6/22 21:00	19,92	18,98	14,59	s	23,66	s	18,80
14/6/22 9:00	19,93	19,01	14,61	s	23,66	s	18,81
14/6/22 21:00	19,93	19,01	14,64	s	23,66	s	18,83
15/6/22 9:00	19,94	19,03	14,66	s	23,67	s	18,84
15/6/22 21:00	19,93	19,04	14,67	s	23,65	s	18,86
16/6/22 9:00	19,94	19,05	14,68	s	23,66	s	18,87
16/6/22 21:00	19,94	19,04	14,68	s	23,65	s	18,87
17/6/22 9:00	19,94	19,07	14,69	s	23,65	s	18,89
17/6/22 21:00	19,94	19,07	14,71	s	23,64	s	18,89
18/6/22 9:00	19,97	19,08	14,72	s	23,66	s	18,91



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
18/6/22 21:00	19,96	19,06	14,72	s	23,64	s	18,91
19/6/22 9:00	19,97	19,10	14,72	s	23,66	s	18,92
19/6/22 21:00	19,97	19,09	14,72	s	23,65	s	18,92
20/6/22 9:00	19,98	19,12	14,74	s	23,67	s	18,93
20/6/22 21:00	19,97	19,10	14,72	s	23,64	s	18,92
21/6/22 9:00	19,98	19,11	14,73	s	23,65	s	18,93
21/6/22 21:00	19,98	19,11	14,73	s	23,64	s	18,93
22/6/22 9:00	19,98	19,12		s	23,65	s	18,94
22/6/22 21:00	19,99	19,11	14,73	s	23,64	s	18,93
23/6/22 9:00	20,00	19,13	14,74	s	23,65	s	18,95
23/6/22 21:00	19,99	19,13	14,74	s	23,63	s	18,93
24/6/22 9:00	20,01	19,14	14,76	s	23,66	s	18,94
24/6/22 21:00	20,00	19,13	14,76	s	23,64	s	18,95
25/6/22 9:00	20,01	19,14	14,79	s	23,65	s	18,96
25/6/22 21:00	20,01	19,14	14,78	s	23,63	s	18,96
26/6/22 9:00	20,03	19,16	14,81	s	23,64	s	18,98
26/6/22 21:00	20,02	19,16	14,80	s	23,64	s	18,97
27/6/22 9:00	20,03	19,17	14,83	s	23,65	s	19,00
27/6/22 21:00	20,02	19,17	14,82	s	23,64	s	18,99
28/6/22 9:00	20,04	19,18	14,83	s	23,66	s	19,02
28/6/22 21:00	20,03	19,19	14,84	s	23,63	s	19,01
29/6/22 9:00	20,03	19,19	14,85	s	23,63	s	19,02
29/6/22 21:00	20,04	19,18	14,87	s	23,62	s	19,03
30/6/22 9:00	20,05	19,20	14,87	s	23,65	s	19,04
30/6/22 21:00	20,04	19,22	14,87	s	23,63	s	19,04
1/7/22 9:00	20,06	19,22	14,88	s	23,64	s	19,05
1/7/22 21:00	20,06	19,23	14,88	s	23,64	s	19,05
2/7/22 9:00	20,08	19,24	14,90	s	23,64	s	19,09
2/7/22 21:00	20,08	19,24	14,91	s	23,62	s	19,08
3/7/22 9:00	20,09	19,25	14,83	s	23,64	s	19,09
3/7/22 21:00	20,08	19,25	14,92	s	23,62	s	19,08



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
4/7/22 9:00	20,09	19,26	14,94	s	23,64	s	19,09
4/7/22 21:00	20,08	19,27	14,94	s	23,64	s	19,10
5/7/22 9:00	20,10	19,28	14,95	s	23,62	s	19,11
5/7/22 21:00	20,09	19,27	14,94	s	23,62	s	19,12
6/7/22 9:00	20,10	19,27	14,96	s	23,63	s	19,12
6/7/22 21:00	20,10	19,27	14,96	s	23,62	s	19,11
7/7/22 9:00	20,12	19,29	14,96	s	23,63	s	19,15
7/7/22 21:00	20,12	19,28	14,96	s	23,62	s	19,14
8/7/22 9:00	20,13	19,30	14,99	s	23,63	s	19,15
8/7/22 21:00	20,13	19,30	14,99	s	23,63	s	19,16
9/7/22 9:00	20,14	19,32	15,00	s	23,63	s	19,16
9/7/22 21:00	20,14	19,32	14,99	s	23,62	s	19,16
10/7/22 9:00	20,15	19,33	15,01	s	23,63	s	19,17
10/7/22 21:00	20,13	19,31	15,00	s	23,62	s	19,16
11/7/22 9:00	20,15	19,32	15,02	s	23,62	s	19,17
11/7/22 21:00	20,16	19,33	15,01	s	23,64	s	19,17
12/7/22 9:00	20,17	19,34	15,03	s	23,63	s	19,19
12/7/22 21:00	20,17	19,35	15,03	s	23,60	s	19,18
13/7/22 9:00	20,17	19,36	15,03	s	23,63	s	19,19
13/7/22 21:00	20,17	19,35	15,04	s	23,63	s	19,20
14/7/22 9:00	20,19	19,37	15,04	s	23,61	s	19,20
14/7/22 21:00	20,18	19,35	15,04	s	23,62	s	19,20
15/7/22 9:00	20,20	19,36	15,06	s	23,62	s	19,22
15/7/22 21:00	20,19	19,37	15,05	s	23,60	s	19,20
16/7/22 9:00	20,21	19,38	15,07	s	23,62	s	19,23
16/7/22 21:00	20,19	19,37	15,06	s	23,62	s	19,22
17/7/22 9:00	20,21	19,39	15,05	s	23,62	s	19,23
17/7/22 21:00	20,21	19,38	15,04	s	23,61	s	19,22
18/7/22 9:00	20,22	19,39	15,06	s	23,62	s	19,21
18/7/22 21:00	20,23	19,38	15,04	s	23,61	s	19,21
19/7/22 9:00	20,23	19,41	15,04	s	23,62	s	19,21



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
19/7/22 21:00	20,21	19,38	15,03	s	23,61	s	19,20
20/7/22 9:00	20,23	19,39	15,07	s	23,62	s	19,20
20/7/22 21:00	20,23	19,40	15,04	s	23,60	s	19,19
21/7/22 9:00	20,24	19,40	15,04	s	23,62	s	19,20
21/7/22 21:00	20,24	19,40	15,03	s	23,62	s	19,19
22/7/22 9:00	20,25	19,40	15,03	s	23,61	s	19,21
22/7/22 21:00	20,25	19,40	15,04	s	23,62	s	19,20
23/7/22 9:00	20,25	19,40	15,05	s	23,62	s	19,20
23/7/22 21:00	20,26	19,38	15,06	s	23,62	s	19,21
24/7/22 9:00	20,27	19,41	15,04	s	23,62	s	19,20
24/7/22 21:00	20,27	19,38	15,04	s	23,62	s	19,21
25/7/22 9:00	20,28	19,40	15,04	s	23,62	s	19,21
25/7/22 21:00	20,28	19,40	15,03	s	23,62	s	19,20
26/7/22 9:00	20,30	19,41	15,06	s	23,63	s	19,21
27/7/22 9:00	20,30	19,41	15,03	s	23,62	s	19,20
27/7/22 21:00	20,29	19,41	15,03	s	23,61	s	19,21
28/7/22 9:00	20,30	19,40	15,02	s	23,62	s	19,20
28/7/22 21:00	20,29	19,40	15,04	s	23,60	s	19,18
29/7/22 9:00	20,31	19,41	15,04	s	23,62	s	19,21
29/7/22 21:00	20,30	19,40	15,02	s	23,60	s	19,19
30/7/22 9:00	20,33	19,42	15,03	s	23,64	s	19,21
30/7/22 21:00	20,32	19,41	15,02	s	23,63	s	19,20
31/7/22 9:00	20,33	19,41	15,04	s	23,62	s	19,21
31/7/22 21:00	20,33	19,41	15,04	s	23,62	s	19,20
1/8/22 9:00	20,34	19,41	15,02	s	23,63	s	19,21
1/8/22 21:00	20,34	19,40	15,02	s	23,62	s	19,20
2/8/22 9:00	20,35	19,41	15,03	s	23,62	s	19,20
2/8/22 21:00	20,39	19,41	15,03	s	23,63	s	19,20
3/8/22 9:00	20,37	19,41	15,03	s	23,63	s	19,21
3/8/22 21:00	20,36	19,40	15,03	s	23,61	s	19,20
4/8/22 9:00	20,37	19,40	15,03	s	23,62	s	19,20



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
4/8/22 21:00	20,36	19,41	15,01	s	23,62	s	19,20
5/8/22 9:00	20,37	19,41	15,02	s	23,62	s	19,21
5/8/22 21:00	20,37	19,40	15,01	s	23,62	s	19,19
6/8/22 9:00	20,38	19,40	15,03	s	23,63	s	19,22
6/8/22 21:00	20,38	19,41	15,01	s	23,61	s	19,19
7/8/22 9:00	20,39	19,42	15,03	s	23,63	s	19,21
7/8/22 21:00	20,39	19,41	15,02	s	23,61	s	19,21
8/8/22 9:00	20,41	19,42	15,04	s	23,64	s	19,22
8/8/22 21:00	20,40	19,41	15,02	s	23,62	s	19,22
9/8/22 9:00	20,42	19,43	15,02	s	23,62	s	19,22
9/8/22 21:00	20,40	19,40	15,01	s	23,61	s	19,23
10/8/22 9:00	20,41	19,40	14,93	s	23,62	s	19,18
10/8/22 21:00	20,42	19,38	14,96	s	23,63	s	19,16
11/8/22 9:00	20,43	19,38	14,96	s	23,62	s	19,16
12/8/22 9:00	20,44	19,40	14,98	s	23,65	s	19,19
12/8/22 21:00	20,43	19,39	14,98	s	23,63	s	19,18
13/8/22 9:00	20,45	19,41	14,99	s	23,66	s	19,20
13/8/22 21:00	20,44	19,40	15,00	s	23,64	s	19,19
14/8/22 9:00	20,46	19,41	15,01	s	23,64	s	19,20
14/8/22 21:00	20,45	19,40	15,00	s	23,62	s	19,19
15/8/22 9:00	20,46	19,41	15,00	s	23,62	s	19,21
15/8/22 21:00	20,45	19,40	14,99	s	23,62	s	19,20
16/8/22 9:00	20,46	19,41	15,03	s	23,64	s	19,22
16/8/22 21:00	20,46	19,41	15,03	s	23,62	s	19,20
17/8/22 9:00	20,48	19,42	15,00	s	23,63	s	19,22
17/8/22 21:00	20,48	19,41	15,02	s	23,62	s	19,22
18/8/22 9:00	20,48	19,42	15,03	s	23,64	s	19,23
18/8/22 21:00	20,50	19,43	15,04	s	23,66	s	19,24
19/8/22 9:00	20,51	19,43	15,04	s	23,65	s	19,26
19/8/22 21:00	20,50	19,43	15,03	s	23,65	s	19,24
20/8/22 9:00	20,52	19,45	15,04	s	23,68	s	19,26
20/8/22 21:00	20,52	19,44	15,04	s	23,69	s	19,25



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
21/8/22 9:00	20,54	19,44	15,04	s	23,71	s	19,27
21/8/22 21:00	20,52	19,44	15,04	s	23,71	s	19,25
22/8/22 9:00	20,54	19,44	15,06	s	23,70	s	19,26
22/8/22 21:00	20,52	19,44	15,04	s	23,70	s	19,25
23/8/22 9:00	20,54	19,45	15,05	s	23,75	s	19,26
23/8/22 21:00	20,54	19,44	15,04	s	23,73	s	19,26
24/8/22 9:00	20,55	19,46	15,06	s	23,74	s	19,27
24/8/22 21:00	20,55	19,44	15,06	s	23,73	s	19,26
25/8/22 9:00	20,56	19,46	15,05	s	23,76	s	19,27
25/8/22 21:00	20,57	19,44	15,06	s	23,75	s	19,26
26/8/22 9:00	20,57	19,45	15,05	s	23,75	s	19,27
26/8/22 21:00	20,57	19,43	15,04	s	23,75	s	19,24
27/8/22 9:00	20,58	19,45	15,04		23,76	s	19,27
27/8/22 21:00	20,58	19,45	15,05		23,75	s	19,26
28/8/22 9:00	20,59	19,46	15,06		23,76	s	19,27
28/8/22 21:00	20,59	19,45	15,04		23,76	s	19,26
29/8/22 9:00	20,60	19,46	15,05		23,77	s	19,28
29/8/22 21:00	20,61	19,45	15,06	s	23,77	s	19,27
30/8/22 9:00	20,62	19,45	15,05	s	23,77	s	19,29
30/8/22 21:00	20,62	19,46	15,07	s	23,78	s	19,28
31/8/22 9:00	20,63	19,46	15,06	s	23,78	s	19,28
31/8/22 21:00	20,62	19,46	15,05	s	23,77	s	19,27
1/9/22 9:00	20,63	19,45	15,07	s	23,78	s	19,29
1/9/22 21:00	20,62	19,45	15,03	s	23,76	s	19,27
2/9/22 9:00	20,64	19,47	15,06	s	23,80	s	19,29
2/9/22 21:00	20,63	19,46	15,06	s	23,77	s	19,27
3/9/22 9:00	20,65	19,46	15,05	s	23,80	s	19,27
3/9/22 21:00	20,64	19,45	15,05	s	23,81	s	19,28
4/9/22 9:00	20,66	19,47	15,05	s	23,81	s	19,28
4/9/22 21:00	20,67	19,46	15,05	s	23,82	s	19,28
5/9/22 9:00	20,67	19,48	15,06	s	23,84	s	19,30
5/9/22 21:00	20,67	19,47	15,06	s	23,83	s	19,30



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
6/9/22 9:00	20,69	19,49	15,08	s	23,85	s	19,31
6/9/22 21:00	20,68	19,46	15,06	s	23,83	s	19,29
7/9/22 9:00	20,69	19,47	15,06	s	23,86	s	19,30
7/9/22 21:00	20,68	19,46	15,06	s	23,85	s	19,28
8/9/22 9:00	20,69	19,47	15,06	s	23,87	s	19,29
9/9/22 9:00	s	19,47	15,06	s	23,86	s	19,30
9/9/22 21:00	s	19,45	15,06	s	23,86	s	19,29
10/9/22 9:00	s	19,47	15,05	s	23,87	s	19,31
10/9/22 21:00	s	19,45	15,05	s	23,86	s	19,28
11/9/22 9:00	s	19,46	15,06	s	23,86	s	19,30
11/9/22 21:00	s	19,46	15,03	s	23,85	s	19,28
12/9/22 9:00	s	19,47	15,05	s	23,86	s	19,30
12/9/22 21:00	s	19,45	15,04	s	23,84	s	19,29
13/9/22 9:00	s	19,46	15,05	s	23,86	s	19,30
13/9/22 21:00	s	19,46	15,02	s	23,85	s	19,29
14/9/22 9:00	s	19,46	15,05	s	23,87	s	19,31
14/9/22 21:00	s	19,45	15,04	s	23,86	s	19,30
15/9/22 9:00	s	19,47	15,04	s	23,86	s	19,31
15/9/22 21:00	s	19,47	15,05	s	23,86	s	19,30
16/9/22 9:00	s	19,46	15,05	s	23,86	s	19,30
16/9/22 21:00	s	19,46	15,05	s	23,85	s	19,30
17/9/22 9:00	s	19,46	15,05	s	23,86	s	19,30
17/9/22 21:00	s	19,46	15,04	s	23,86	s	19,30
18/9/22 9:00	s	19,47	15,06	s	23,85	s	19,32
18/9/22 21:00	s	19,45	15,04	s	23,84	s	19,29
19/9/22 9:00	s	19,47	15,04	s	23,87	s	19,31
19/9/22 21:00	s	19,45	15,03	s	23,84	s	19,28
20/9/22 9:00	s	19,47	15,05	s	23,85	s	19,30
20/9/22 21:00	s	19,47	15,04	s	23,84	s	19,30
21/9/22 9:00	s	19,47	15,06	s	23,85	s	19,31
21/9/22 21:00	s	19,45	15,04	s	23,83	s	19,29
22/9/22 9:00	s	19,48	15,04	s	23,85	s	19,32



Data	PZ-219	PZ-222	PZ-313	PZ-314	PZ-317	PZ-318	PZ-319
22/9/22 21:00	s	19,46	15,06	s	23,83	s	19,33
23/9/22 9:00	s	19,48	15,06	s	23,84	s	19,33
23/9/22 21:00	s	19,47	15,05		23,85	s	19,33
24/9/22 9:00	s	19,48	15,07	s	23,85	s	19,33
24/9/22 21:00	s	19,48	15,05	s	23,84	s	19,32
25/9/22 9:00	s	19,49	15,07	s	23,83	s	19,34
25/9/22 21:00	s	19,47	15,05	s	23,84	s	19,33
26/9/22 9:00	s	19,49	15,08	s	23,86	s	19,35
26/9/22 21:00	s	19,47	15,08	s	23,85	s	19,34
27/9/22 9:00	s	19,50	15,08	s	23,86	s	19,35
27/9/22 21:00	s	19,47	15,04	s	23,82	s	19,32
28/9/22 9:00	s	19,48	15,07	s	23,84	s	19,34
28/9/22 21:00	s	19,49	15,07	s	23,85	s	19,34
29/9/22 9:00	s	19,49	15,07	s	23,85	s	19,34
29/9/22 21:00	s	19,48	15,06	s	23,83	s	19,35
30/9/22 9:00	s	19,50	15,08	s	23,87	s	19,35
30/9/22 21:00	s	19,49	15,08	s	23,85	s	19,35



Abril 2022 a Setembro 2022

BARRAGEM B1-B4 – PZE – B1		
Data	PZE-302	PZE-304
1/4/22 9:00		0,65
1/4/22 21:00		0,62
2/4/22 9:00		0,66
2/4/22 21:00		0,62
3/4/22 9:00		0,62
3/4/22 21:00		0,63
4/4/22 9:00		0,64
4/4/22 21:00		0,64
5/4/22 9:00		0,63
5/4/22 21:00		0,63
6/4/22 9:00		0,62
6/4/22 21:00		0,62
7/4/22 9:00		0,61
7/4/22 21:00		0,62
8/4/22 9:00		0,62
8/4/22 21:00		0,62
9/4/22 9:00		0,62
9/4/22 21:00		0,6
10/4/22 9:00		0,6
10/4/22 21:00		0,58
11/4/22 9:00		0,59
11/4/22 21:00		0,6
12/4/22 9:00		0,6
12/4/22 21:00		0,6

BARRAGEM B1-B4 – PZE – B4		
Data	PZE-307	PZE-310
1/4/22 9:00		
1/4/22 21:00		
2/4/22 9:00		
2/4/22 21:00		
3/4/22 9:00		
3/4/22 21:00		
4/4/22 9:00		
4/4/22 21:00		
5/4/22 9:00		
5/4/22 21:00		
6/4/22 9:00		
6/4/22 21:00		
7/4/22 9:00		
7/4/22 21:00	10,01	
8/4/22 9:00	10,01	
8/4/22 21:00	10,01	
9/4/22 9:00	10,02	
9/4/22 21:00	10,02	
10/4/22 9:00	10,00	
10/4/22 21:00	10,00	
11/4/22 9:00	9,99	
11/4/22 21:00	9,99	
12/4/22 9:00	9,99	
12/4/22 21:00	10,00	
13/4/22 9:00	10,00	
13/4/22 21:00	10,00	
14/4/22 9:00	10,00	
14/4/22 21:00	9,99	
15/4/22 9:00	10,01	
15/4/22 21:00	9,99	
16/4/22 9:00	10,02	



Data	PZE-307	PZE-310
16/4/22 21:00	10,02	
17/4/22 9:00	10,03	
17/4/22 21:00	10,02	
18/4/22 9:00	10,03	
18/4/22 21:00	10,04	
19/4/22 9:00	10,04	
19/4/22 21:00	10,03	
20/4/22 9:00	10,04	
20/4/22 21:00	10,03	
21/4/22 9:00	10,04	
21/4/22 21:00	10,02	
22/4/22 9:00	10,02	
22/4/22 21:00	10,01	
23/4/22 9:00	10,02	
23/4/22 21:00	10,03	
16/4/22 21:00	10,02	



ANEXO II
REGISTROS DAS LEITURAS DO NÍVEL DE ÁGUA DAS BARRAGENS
Abril 2022 a Setembro 2022

BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
2/7/22 9:00	961,20
2/7/22 21:00	961,17
3/7/22 9:00	961,17
3/7/22 21:00	961,20
4/7/22 9:00	961,41
4/7/22 21:00	961,47
5/7/22 21:00	961,31
6/7/22 21:00	961,11
7/7/22 9:00	960,98
7/7/22 21:00	
8/7/22 9:00	960,89
8/7/22 21:00	960,65
9/7/22 9:00	
9/7/22 21:00	960,74
10/7/22 9:00	960,88
10/7/22 21:00	960,83
11/7/22 9:00	961,50
11/7/22 21:00	961,47
12/7/22 9:00	961,26
12/7/22 21:00	961,05
13/7/22 9:00	960,75
13/7/22 21:00	959,00
14/7/22 9:00	
14/7/22 21:00	959,20
15/7/22 21:00	957,60
16/7/22 9:00	958,35
16/7/22 21:00	957,91
17/7/22 9:00	956,32

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
6/4/22 0:00	904,50
6/4/22 0:00	904,47
18/4/22 9:00	904,50
18/4/22 21:00	904,51
19/4/22 9:00	904,49
19/4/22 21:00	904,50
20/4/22 9:00	904,50
20/4/22 21:00	904,50
21/4/22 9:00	904,51
21/4/22 21:00	904,50
22/4/22 9:00	904,50
22/4/22 21:00	904,50
23/4/22 9:00	904,49
23/4/22 21:00	904,53
24/4/22 9:00	904,49
24/4/22 21:00	904,50
25/4/22 9:00	904,48
25/4/22 21:00	904,48
26/4/22 9:00	904,46
26/4/22 21:00	904,44
27/4/22 9:00	904,43
27/4/22 21:00	904,42
28/4/22 9:00	904,43
28/4/22 21:00	904,41
29/4/22 9:00	904,41
29/4/22 21:00	904,40
30/4/22 9:00	904,39
30/4/22 21:00	904,40

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
1/4/22 21:00	971,75
2/4/22 21:00	971,87
3/4/22 21:00	971,78
4/4/22 21:00	971,75
4/4/22 0:00	971,72
5/4/22 21:00	971,76
6/4/22 21:00	971,76
7/4/22 21:00	971,75
8/4/22 21:00	971,75
9/4/22 21:00	971,75
10/4/22 21:00	971,74
11/4/22 9:00	971,76
11/4/22 21:00	971,75
12/4/22 21:00	971,75
13/4/22 21:00	971,79
14/4/22 21:00	971,76
15/4/22 21:00	971,77
16/4/22 21:00	971,77
17/4/22 21:00	971,77
18/4/22 0:00	971,69
18/4/22 21:00	971,77
19/4/22 21:00	971,76
20/4/22 21:00	971,78
21/4/22 21:00	971,83
22/4/22 21:00	971,83
23/4/22 21:00	971,78
24/4/22 21:00	971,77
25/4/22 21:00	971,78



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
17/7/22 21:00	955,99
18/7/22 9:00	956,30
18/7/22 21:00	955,99
19/7/22 9:00	956,99
19/7/22 21:00	957,06
20/7/22 9:00	956,50
20/7/22 21:00	955,99
21/7/22 9:00	956,42
21/7/22 21:00	955,99
22/7/22 9:00	956,14
22/7/22 21:00	956,90
23/7/22 9:00	956,38
23/7/22 21:00	955,99
24/7/22 9:00	955,99
24/7/22 21:00	955,99
25/7/22 9:00	955,99
25/7/22 21:00	956,67
26/7/22 9:00	955,99
26/7/22 21:00	
27/7/22 9:00	956,56
27/7/22 21:00	956,05
28/7/22 9:00	957,14
28/7/22 21:00	956,60
29/7/22 9:00	955,99
29/7/22 21:00	955,99
30/7/22 9:00	955,99
30/7/22 21:00	955,99
31/7/22 9:00	955,99
1/8/22 9:00	955,99
1/8/22 21:00	955,99
2/8/22 9:00	956,02

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
1/5/22 9:00	904,39
1/5/22 21:00	904,39
2/5/22 9:00	904,38
2/5/22 0:00	904,49
2/5/22 21:00	904,38
3/5/22 9:00	904,37
3/5/22 21:00	904,37
4/5/22 9:00	904,36
4/5/22 21:00	904,38
5/5/22 9:00	904,40
5/5/22 21:00	904,43
6/5/22 9:00	904,44
6/5/22 21:00	904,46
7/5/22 9:00	904,46
7/5/22 21:00	904,47
8/5/22 9:00	904,47
8/5/22 21:00	904,48
9/5/22 9:00	904,47
9/5/22 0:00	904,40
9/5/22 21:00	904,47
10/5/22 9:00	904,47
10/5/22 21:00	904,48
11/5/22 9:00	904,48
11/5/22 21:00	904,48
12/5/22 9:00	904,48
12/5/22 21:00	904,48
13/5/22 9:00	904,48
13/5/22 21:00	904,48
14/5/22 9:00	904,48
14/5/22 21:00	904,48
15/5/22 9:00	904,51

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
26/4/22 21:00	971,77
27/4/22 21:00	971,77
27/4/22 0:00	971,80
28/4/22 21:00	971,76
29/4/22 21:00	971,76
30/4/22 21:00	971,77
1/5/22 21:00	971,76
2/5/22 21:00	971,76
2/5/22 0:00	971,72
3/5/22 21:00	971,76
4/5/22 21:00	971,77
5/5/22 21:00	971,75
6/5/22 21:00	971,76
7/5/22 21:00	971,76
8/5/22 21:00	971,76
9/5/22 21:00	971,76
9/5/22 0:00	971,69
10/5/22 21:00	971,76
11/5/22 21:00	971,77
12/5/22 21:00	971,82
13/5/22 21:00	971,71
14/5/22 21:00	971,71
15/5/22 21:00	971,74
16/5/22 21:00	971,74
17/5/22 21:00	971,76
18/5/22 21:00	971,65
19/5/22 21:00	971,77
20/5/22 21:00	971,80
21/5/22 21:00	971,81
22/5/22 21:00	971,82
23/5/22 21:00	971,82



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
2/8/22 21:00	956,25
3/8/22 9:00	956,37
3/8/22 21:00	956,46
4/8/22 9:00	956,44
4/8/22 21:00	956,37
5/8/22 9:00	956,19
5/8/22 21:00	956,24
6/8/22 9:00	956,11
6/8/22 21:00	955,99
7/8/22 9:00	955,99
7/8/22 21:00	955,99
8/8/22 9:00	955,99
8/8/22 21:00	955,99
9/8/22 9:00	955,99
9/8/22 21:00	955,99
10/8/22 9:00	956,73
10/8/22 21:00	956,63
11/8/22 9:00	956,09
12/8/22 21:00	955,99
13/8/22 9:00	956,24
13/8/22 21:00	956,74
14/8/22 9:00	957,06
14/8/22 21:00	957,28
15/8/22 9:00	957,40
15/8/22 21:00	957,51
16/8/22 9:00	957,56
16/8/22 21:00	957,46
17/8/22 9:00	957,42
17/8/22 21:00	957,16
18/8/22 9:00	956,58
18/8/22 21:00	955,99

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
15/5/22 21:00	904,54
16/5/22 9:00	904,51
16/5/22 21:00	904,51
17/5/22 9:00	904,50
17/5/22 21:00	904,49
18/5/22 9:00	904,48
18/5/22 21:00	904,47
19/5/22 9:00	904,45
19/5/22 21:00	904,43
20/5/22 9:00	904,43
20/5/22 21:00	904,42
21/5/22 9:00	904,42
21/5/22 21:00	904,42
22/5/22 9:00	904,41
22/5/22 21:00	904,40
23/5/22 9:00	904,41
23/5/22 21:00	904,42
24/5/22 9:00	904,44
24/5/22 21:00	904,43
25/5/22 9:00	904,45
25/5/22 21:00	904,45
26/5/22 9:00	904,45
26/5/22 21:00	904,46
27/5/22 9:00	904,45
27/5/22 21:00	904,47
28/5/22 9:00	904,46
28/5/22 21:00	904,46
29/5/22 9:00	904,46
29/5/22 21:00	904,45
30/5/22 9:00	904,46
30/5/22 21:00	904,46

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
24/5/22 21:00	971,83
25/5/22 21:00	971,83
26/5/22 21:00	971,84
27/5/22 21:00	971,84
28/5/22 21:00	971,86
29/5/22 21:00	971,84
30/5/22 21:00	971,84
31/5/22 21:00	971,57
1/6/22 21:00	971,58
2/6/22 21:00	971,58
3/6/22 21:00	971,58
4/6/22 21:00	971,59
5/6/22 21:00	971,59
6/6/22 21:00	971,60
7/6/22 21:00	971,61
8/6/22 21:00	971,61
9/6/22 21:00	971,61
10/6/22 21:00	971,61
11/6/22 21:00	971,61
12/6/22 21:00	971,62
13/6/22 21:00	971,62
14/6/22 21:00	971,62
15/6/22 21:00	971,62
16/6/22 21:00	971,62
17/6/22 21:00	971,63
18/6/22 21:00	971,64
19/6/22 0:00	971,47
19/6/22 21:00	971,64
20/6/22 0:00	971,47
20/6/22 21:00	971,64
21/6/22 21:00	971,64



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
19/8/22 9:00	955,99
19/8/22 21:00	955,99
20/8/22 9:00	955,99
20/8/22 21:00	955,99
21/8/22 9:00	956,21
21/8/22 21:00	955,99
22/8/22 9:00	955,99
22/8/22 21:00	956,61
23/8/22 9:00	955,99
23/8/22 21:00	955,99
24/8/22 9:00	955,99
24/8/22 21:00	955,99
25/8/22 9:00	955,99
25/8/22 21:00	955,99
26/8/22 9:00	956,11
26/8/22 21:00	956,23
27/8/22 9:00	955,99
27/8/22 21:00	956,26
28/8/22 9:00	956,26
28/8/22 21:00	955,99
29/8/22 9:00	956,01
29/8/22 21:00	955,99
30/8/22 9:00	955,99
30/8/22 21:00	955,99
31/8/22 9:00	955,99
31/8/22 21:00	956,13
1/9/22 9:00	956,24
1/9/22 21:00	955,99
2/9/22 9:00	956,64
2/9/22 21:00	955,99
3/9/22 9:00	955,99

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
31/5/22 9:00	904,46
31/5/22 21:00	904,46
1/6/22 9:00	904,46
1/6/22 21:00	904,46
2/6/22 9:00	904,46
2/6/22 21:00	904,46
3/6/22 9:00	904,46
3/6/22 21:00	904,46
4/6/22 9:00	904,45
4/6/22 21:00	904,45
5/6/22 9:00	904,45
5/6/22 21:00	904,46
6/6/22 9:00	904,45
6/6/22 21:00	904,45
7/6/22 9:00	904,45
7/6/22 21:00	904,45
8/6/22 9:00	904,45
8/6/22 21:00	904,45
9/6/22 9:00	904,45
9/6/22 21:00	904,46
10/6/22 9:00	904,46
10/6/22 21:00	904,47
11/6/22 9:00	904,47
11/6/22 21:00	904,47
12/6/22 9:00	904,48
12/6/22 21:00	904,48
13/6/22 9:00	904,47
13/6/22 21:00	904,48
14/6/22 9:00	904,48
14/6/22 21:00	904,46
15/6/22 9:00	904,47

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
22/6/22 21:00	971,65
23/6/22 21:00	971,65
24/6/22 21:00	971,65
25/6/22 21:00	971,65
26/6/22 21:00	971,65
27/6/22 0:00	971,46
27/6/22 21:00	971,64
28/6/22 21:00	971,64
29/6/22 21:00	971,64
30/6/22 21:00	971,64
1/7/22 21:00	971,88
2/7/22 21:00	971,94
3/7/22 21:00	971,95
4/7/22 0:00	971,51
4/7/22 21:00	971,95
5/7/22 21:00	971,96
6/7/22 21:00	972,00
7/7/22 21:00	971,95
8/7/22 21:00	971,94
9/7/22 21:00	971,96
10/7/22 21:00	971,97
11/7/22 0:00	971,96
11/7/22 21:00	971,94
12/7/22 21:00	971,95
13/7/22 21:00	971,91
14/7/22 21:00	971,97
15/7/22 21:00	971,92
16/7/22 21:00	971,97
17/7/22 21:00	971,97
18/7/22 21:00	971,92
19/7/22 21:00	971,99



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
3/9/22 21:00	956,08
4/9/22 9:00	955,99
4/9/22 21:00	956,19
5/9/22 9:00	955,99
5/9/22 21:00	956,39
6/9/22 9:00	955,99
6/9/22 21:00	956,38
7/9/22 9:00	955,99
7/9/22 21:00	955,99
8/9/22 9:00	955,99
9/9/22 9:00	956,96
9/9/22 21:00	956,24
10/9/22 9:00	955,99
10/9/22 21:00	957,11
11/9/22 9:00	956,46
11/9/22 21:00	955,99
12/9/22 9:00	955,99
12/9/22 21:00	956,67
13/9/22 9:00	957,29
13/9/22 21:00	956,76
14/9/22 9:00	955,99
14/9/22 21:00	956,14
15/9/22 9:00	956,80
15/9/22 21:00	955,99
16/9/22 9:00	956,49
16/9/22 21:00	955,99
17/9/22 9:00	956,27
17/9/22 21:00	956,65
18/9/22 9:00	956,10
18/9/22 21:00	955,99
19/9/22 9:00	955,99

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
15/6/22 21:00	904,47
16/6/22 9:00	904,47
16/6/22 21:00	904,48
17/6/22 9:00	904,47
17/6/22 21:00	904,48
18/6/22 9:00	904,47
18/6/22 21:00	904,48
19/6/22 9:00	904,47
19/6/22 0:00	904,46
19/6/22 21:00	904,47
20/6/22 9:00	904,47
20/6/22 0:00	904,48
20/6/22 21:00	904,47
21/6/22 9:00	904,47
21/6/22 21:00	904,47
22/6/22 9:00	904,47
22/6/22 21:00	904,47
23/6/22 9:00	904,47
23/6/22 21:00	904,47
24/6/22 9:00	904,47
24/6/22 21:00	904,46
25/6/22 9:00	904,46
25/6/22 21:00	904,47
26/6/22 9:00	904,46
26/6/22 21:00	904,46
27/6/22 9:00	904,47
27/6/22 0:00	904,48
27/6/22 21:00	904,46
28/6/22 9:00	904,46
28/6/22 21:00	904,45
29/6/22 9:00	904,46

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
20/7/22 21:00	972,00
21/7/22 21:00	972,00
22/7/22 21:00	972,01
23/7/22 21:00	971,99
24/7/22 21:00	971,99
25/7/22 21:00	972,00
26/7/22 21:00	971,91
27/7/22 21:00	971,96
28/7/22 21:00	971,96
29/7/22 21:00	972,04
30/7/22 21:00	972,01
31/7/22 21:00	972,02
1/8/22 9:00	971,99
1/8/22 21:00	971,96
2/8/22 21:00	971,99
3/8/22 21:00	972,03
4/8/22 21:00	972,03
5/8/22 21:00	972,00
6/8/22 21:00	972,00
7/8/22 21:00	971,98
8/8/22 21:00	972,08
9/8/22 21:00	971,93
10/8/22 21:00	972,10
11/8/22 12:00	972,06
12/8/22 21:00	972,02
13/8/22 21:00	972,03
14/8/22 21:00	972,03
15/8/22 0:00	972,04
15/8/22 21:00	972,03
16/8/22 21:00	972,03
17/8/22 21:00	972,03



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO
19/9/22 21:00	956,07
20/9/22 9:00	955,99
20/9/22 21:00	957,19
21/9/22 9:00	957,66
21/9/22 21:00	957,78
22/9/22 9:00	957,98
22/9/22 21:00	957,87
23/9/22 9:00	957,52
23/9/22 21:00	957,68
24/9/22 9:00	957,41
24/9/22 21:00	957,09
25/9/22 9:00	956,53
25/9/22 21:00	955,99
26/9/22 9:00	956,67
26/9/22 21:00	956,01
27/9/22 9:00	955,99
27/9/22 21:00	955,99
28/9/22 9:00	956,53
28/9/22 21:00	955,99
29/9/22 9:00	955,99
29/9/22 21:00	956,39
30/9/22 9:00	956,54
30/9/22 21:00	956,38

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
29/6/22 21:00	904,46
30/6/22 9:00	904,47
30/6/22 21:00	904,46
1/7/22 9:00	904,46
1/7/22 21:00	904,46
2/7/22 9:00	904,46
2/7/22 21:00	904,46
3/7/22 9:00	904,46
3/7/22 21:00	904,46
4/7/22 0:00	904,40
4/7/22 9:00	904,46
4/7/22 21:00	904,47
5/7/22 9:00	904,46
5/7/22 21:00	904,45
6/7/22 9:00	904,46
6/7/22 21:00	904,46
7/7/22 9:00	904,45
7/7/22 21:00	904,45
8/7/22 9:00	904,45
8/7/22 21:00	904,45
9/7/22 9:00	904,41
9/7/22 21:00	904,37
10/7/22 9:00	904,33
10/7/22 21:00	904,33
11/7/22 9:00	904,38
11/7/22 9:00	904,33
11/7/22 21:00	904,33
12/7/22 9:00	904,34
12/7/22 21:00	904,32
13/7/22 9:00	904,35
13/7/22 21:00	904,36

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
18/8/22 21:00	972,03
19/8/22 21:00	972,03
20/8/22 21:00	972,03
21/8/22 21:00	972,03
22/8/22 21:00	972,00
23/8/22 0:00	972,00
23/8/22 21:00	972,02
24/8/22 21:00	971,99
25/8/22 21:00	972,02
26/8/22 21:00	972,02
27/8/22 21:00	972,03
28/8/22 21:00	972,02
29/8/22 21:00	972,01
30/8/22 21:00	972,02
31/8/22 21:00	972,03
1/9/22 21:00	972,03
2/9/22 0:00	972,01
2/9/22 21:00	972,03
3/9/22 21:00	972,02
4/9/22 21:00	972,02
5/9/22 0:00	972,05
5/9/22 21:00	972,02
6/9/22 21:00	971,95
7/9/22 21:00	971,95
9/9/22 21:00	971,96
10/9/22 21:00	971,98
11/9/22 21:00	971,98
12/9/22 0:00	971,99
12/9/22 21:00	971,99
13/9/22 21:00	971,99
14/9/22 21:00	972,00



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
14/7/22 9:00	904,36
14/7/22 21:00	904,36
15/7/22 9:00	904,37
15/7/22 21:00	904,38
16/7/22 9:00	904,38
16/7/22 21:00	904,38
17/7/22 9:00	904,40
17/7/22 21:00	904,42
18/7/22 9:00	904,43
18/7/22 21:00	904,43
19/7/22 9:00	904,44
19/7/22 21:00	904,44
20/7/22 9:00	904,45
20/7/22 21:00	904,45
21/7/22 9:00	904,45
21/7/22 21:00	904,45
22/7/22 9:00	904,45
22/7/22 21:00	904,44
23/7/22 9:00	904,45
23/7/22 21:00	904,45
24/7/22 9:00	904,45
24/7/22 21:00	904,45
25/7/22 9:00	904,45
25/7/22 21:00	904,44
26/7/22 9:00	904,45
26/7/22 21:00	
27/7/22 9:00	904,40
27/7/22 21:00	904,36
28/7/22 9:00	904,33
28/7/22 21:00	904,29
29/7/22 9:00	904,25

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO
15/9/22 21:00	971,99
16/9/22 21:00	972,00
17/9/22 21:00	971,99
18/9/22 21:00	971,99
19/9/22 0:00	971,33
19/9/22 21:00	972,00
20/9/22 21:00	972,01
21/9/22 21:00	972,00
22/9/22 10:40	972,00
22/9/22 21:00	971,76
23/9/22 7:20	971,76
23/9/22 17:40	971,58
24/9/22 21:00	971,59
25/09/22 21:00	971,60
26/9/22 0:00	971,49
26/9/22 21:00	971,60
27/9/22 21:00	971,60
28/9/22 21:00	971,49
29/9/22 21:00	971,48
30/9/22 21:00	971,48



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
29/7/22 21:00	904,21
30/7/22 9:00	904,17
30/7/22 21:00	904,16
31/7/22 9:00	904,16
31/7/22 21:00	904,17
1/8/22 9:00	904,19
1/8/22 15:00	904,19
1/8/22 21:00	904,19
2/8/22 9:00	904,21
2/8/22 21:00	904,21
3/8/22 9:00	904,22
3/8/22 21:00	904,23
4/8/22 9:00	904,23
4/8/22 21:00	904,23
5/8/22 9:00	904,25
5/8/22 21:00	904,26
6/8/22 9:00	904,26
6/8/22 21:00	904,26
7/8/22 9:00	904,27
7/8/22 21:00	904,27
8/8/22 9:00	904,28
8/8/22 21:00	904,28
9/8/22 9:00	904,28
9/8/22 21:00	904,29
10/8/22 9:00	904,31
10/8/22 21:00	904,32
11/8/22 9:00	904,33
12/8/22 9:00	904,34
12/8/22 21:00	904,34
13/8/22 9:00	904,35
13/8/22 21:00	904,35

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
14/8/22 9:00	904,34
14/8/22 21:00	904,34
15/8/22 9:00	904,33
15/8/22 0:00	904,36
15/8/22 21:00	904,32
16/8/22 9:00	904,32
16/8/22 21:00	904,31
17/8/22 9:00	904,30
17/8/22 21:00	904,27
18/8/22 9:00	904,25
18/8/22 21:00	904,25
19/8/22 9:00	904,25
19/8/22 21:00	904,24
20/8/22 9:00	904,19
20/8/22 21:00	904,14
21/8/22 9:00	904,12
21/8/22 21:00	904,11
22/8/22 9:00	904,11
22/8/22 21:00	904,12
23/8/22 9:00	904,11
23/8/22 0:00	904,46
23/8/22 21:00	904,11
24/8/22 9:00	904,05
24/8/22 21:00	904,04
25/8/22 9:00	904,03
25/8/22 21:00	904,03
26/8/22 9:00	904,02
26/8/22 21:00	904,01
27/8/22 9:00	904,00
27/8/22 21:00	904,00
28/8/22 9:00	904,00

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
28/8/22 21:00	904,00
29/8/22 9:00	904,00
29/8/22 21:00	904,00
30/8/22 9:00	904,00
30/8/22 21:00	904,00
31/8/22 9:00	904,00
31/8/22 21:00	904,00
1/9/22 9:00	904,00
1/9/22 21:00	904,00
2/9/22 0:00	903,95
2/9/22 9:00	904,00
2/9/22 21:00	904,00
3/9/22 9:00	904,00
3/9/22 21:00	904,00
4/9/22 9:00	904,00
4/9/22 21:00	904,00
5/9/22 0:00	903,96
5/9/22 9:00	904,00
5/9/22 21:00	904,00
6/9/22 9:00	904,00
6/9/22 21:00	904,00
7/9/22 9:00	904,00
7/9/22 21:00	904,01
8/9/22 9:00	904,00
9/9/22 9:00	903,98
9/9/22 21:00	903,97
10/9/22 9:00	903,97
10/9/22 21:00	903,96
11/9/22 9:00	903,96
11/9/22 21:00	903,96
12/9/22 0:00	904,00

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
12/9/22 9:00	903,95
12/9/22 21:00	903,94
13/9/22 9:00	903,94
13/9/22 21:00	903,94
14/9/22 9:00	903,95
14/9/22 21:00	903,95
15/9/22 9:00	903,94
15/9/22 21:00	903,95
16/9/22 9:00	903,95
16/9/22 21:00	903,95
17/9/22 9:00	903,95
17/9/22 21:00	903,95
18/9/22 9:00	903,95
18/9/22 21:00	903,95
19/9/22 0:00	904,10
19/9/22 9:00	903,95
19/9/22 21:00	903,95
20/9/22 9:00	903,95
20/9/22 21:00	903,96
21/9/22 9:00	903,96
21/9/22 21:00	903,97
22/9/22 9:00	904,05
22/9/22 21:00	904,11
23/9/22 9:00	904,13
23/9/22 21:00	904,13
24/9/22 9:00	904,13
24/9/22 21:00	904,14
25/9/22 9:00	904,14
25/9/22 21:00	904,13
26/9/22 0:00	904,16
26/9/22 9:00	904,13

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO



BARRAGEM B1B4	
DATA	N.A DO RESERVATÓRIO

BARRAGEM A0	
DATA	N.A DO RESERVATÓRIO
26/9/22 21:00	904,13
27/9/22 9:00	904,15
27/9/22 21:00	904,15
28/9/22 9:00	904,15
28/9/22 21:00	904,15
29/9/22 9:00	904,15
29/9/22 21:00	904,16
30/9/22 9:00	904,15
30/9/22 21:00	904,17

BARRAGEM A	
DATA	N.A DO RESERVATÓRIO



Anotação de Responsabilidade Técnica - ART
Lei nº 6.496, de 7 de dezembro de 1977

CREA-MG

ART OBRA / SERVIÇO
Nº MG20221605748

Conselho Regional de Engenharia e Agronomia de Minas Gerais

INICIAL

1. Responsável Técnico

IGOR LEONARDO GAMA

Título profissional: **ENGENHEIRO CIVIL**

RNP: **1412286506**

Registro: **MG0000168184D MG**

2. Dados do Contrato

Contratante: **Mosaic Fertilizantes P&K Ltda**

AVENIDA ARAFÉRTIL

Complemento:

Cidade: **ARAXÁ**

Bairro: **SETOR SUL**

UF: **MG**

CPF/CNPJ: **33.931.486/0019-60**

Nº: **6000**

CEP: **38184270**

Contrato: **Não especificado**

Valor: **R\$ 12.000,00**

Ação Institucional: **Outros**

Celebrado em:

Tipo de contratante: **Pessoa Jurídica de Direito Privado**

3. Dados da Obra/Serviço

AVENIDA ARAFÉRTIL

Complemento:

Cidade: **ARAXÁ**

Data de Início: **01/11/2022**

Finalidade: **INDUSTRIAL**

Proprietário: **Mosaic Fertilizantes P&K Ltda**

Bairro: **SETOR SUL**

UF: **MG**

Coordenadas Geográficas: **0, 0**

Código: **Não Especificado**

Nº: **6000**

CEP: **38184270**

CPF/CNPJ: **33.931.486/0019-60**

4. Atividade Técnica

23 - Supervisão

70 - Monitoramento > OBRAS HIDRÁULICAS E RECURSOS HÍDRICOS > BARRAGENS E DIQUES
> DE BARRAGENS > #5.2.1.2 - DE TERRA

Quantidade

40,00

Unidade

h/sem

Após a conclusão das atividades técnicas o profissional deve proceder a baixa desta ART

5. Observações

RESPONSÁVEL TÉCNICO PELA INSPEÇÃO E MONITORAMENTO DA BARRAGEM A NO COMPLEXO MINEROQUÍMICO DE ARAXÁ E RESPONSÁVEL PELO PLANO DE SEGURANÇA DE BARRAGEM (PSB).

6. Declarações

- Declaro estar ciente de que devo cumprir as regras de acessibilidade previstas nas normas técnicas da ABNT, na legislação específica e no decreto n. 5296/2004.

- A Resolução nº 1.094/17 Instituiu o Livro de Ordem de obras e serviços que será obrigatório para a emissão de Certidão de Acervo Técnico - CAT aos responsáveis pela execução e fiscalização de obras iniciadas a partir de 1º de janeiro de 2018. (Res. 1.094, Confea).

- Declaro, nos termos da Lei Federal nº 13.709, de 14 de agosto de 2018 - Lei Geral de Proteção de Dados Pessoais (LGPD), que estou ciente de que meus dados pessoais e eventuais documentos por mim apresentados nesta solicitação serão utilizados conforme a Política de Privacidade do CREA-MG, que encontra-se à disposição no seguinte endereço eletrônico: <https://www.crea-mg.org.br/transparencia/igpd/politica-privacidade-dados>. Em caso de cadastro de ART para PESSOA FÍSICA, declaro que informo ao CONTRATANTE e ao PROPRIETÁRIO que para a emissão desta ART é necessário cadastrar nos sistemas do CREA-MG, em campos específicos, os seguintes dados pessoais: nome, CPF e endereço. Por fim, declaro que estou ciente que é proibida a inserção de qualquer dado pessoal no campo "observação" da ART, seja meu ou de terceiros.

- Declaro, nos termos da Lei Federal nº 13.709, de 14 de agosto de 2018 - Lei Geral de Proteção de Dados Pessoais (LGPD), que estou ciente de que não posso compartilhar a ART com terceiros sem o devido consentimento do contratante e/ou do(a) proprietário(a), exceto para cumprimento de dever legal.

7. Entidade de Classe

AREA-Araxá - Associação de Engenheiros e Agrônomos da Região de Araxá

8. Assinaturas

Declaro serem verdadeiras as informações acima

29-11-2022 | 05:58 PST

Local

data

IGOR LEONARDO GAMA CPF: 012.937.428-18

RICARDO L TELLES

Mosaic Fertilizantes P&K Ltda CNPJ: 33.931.486/0019-60

9. Informações

* A ART é válida somente quando quitada, mediante apresentação do comprovante do pagamento ou conferência no site do Crea.

10. Valor

Valor da ART: **R\$ 88,78**

Registrada em: **21/11/2022**

Valor pago: **R\$ 88,78**

Nosso Número: **8599807060**

Certificado de Conclusão

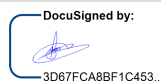
Identificação de envelope: FA3F87C3B00A4660B1B3EF98BB71081F	Status: Concluído
Assunto: Complete com a DocuSign: MOS - RT - CMA - 005 Rev 00 - A-A0-B1B4.pdf	
Código Contrato:	
Código Contrato (Continuação):	
Nome do Fornecedor:	
Valor Bruto do Contrato:	
Início do Contrato:	
Fim do Contrato:	
Envelope fonte:	
Documentar páginas: 99	Assinaturas: 1
Certificar páginas: 2	Rubrica: 0
Assinatura guiada: Ativado	Remetente do envelope:
Selo com Envelopeld (ID do envelope): Ativado	Eduarda Matos
Fuso horário: (UTC-08:00) Hora do Pacífico (EUA e Canadá)	Av. Randolpho Borges Júnior, 665 – Univerdecidade Uberaba , 38064 - 100 Eduarda.Matos@mosaicco.com Endereço IP: 201.62.56.187

Rastreamento de registros

Status: Original 30/11/2022 09:21:43	Portador: Eduarda Matos Eduarda.Matos@mosaicco.com	Local: DocuSign
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Eventos do signatário

IGOR LEONARDO GAMA
IGOR.GAMA2@mosaicco.com
Engenheiro Hidrólogo
The Mosaic Company - Default
Nível de segurança: E-mail, Autenticação da conta (Nenhuma)

Assinatura

Adoção de assinatura: Imagem de assinatura carregada
Usando endereço IP: 177.69.166.116

Registro de hora e data

Enviado: 30/11/2022 09:26:04
Visualizado: 30/11/2022 09:42:26
Assinado: 30/11/2022 09:42:53

Termos de Assinatura e Registro Eletrônico:

Não disponível através da DocuSign

Eventos do signatário presencial	Assinatura	Registro de hora e data
Eventos de entrega do editor	Status	Registro de hora e data
Evento de entrega do agente	Status	Registro de hora e data
Eventos de entrega intermediários	Status	Registro de hora e data
Eventos de entrega certificados	Status	Registro de hora e data
Eventos de cópia	Status	Registro de hora e data
Eventos com testemunhas	Assinatura	Registro de hora e data
Eventos do tabelião	Assinatura	Registro de hora e data
Eventos de resumo do envelope	Status	Carimbo de data/hora
Envelope enviado	Com hash/criptografado	30/11/2022 09:26:04
Entrega certificada	Segurança verificada	30/11/2022 09:42:26
Assinatura concluída	Segurança verificada	30/11/2022 09:42:53
Concluído	Segurança verificada	30/11/2022 09:42:53

Eventos de pagamento

Status

Carimbo de data/hora