

*Elbert Software (EBS)*

*Southern Institute of Water Resources Search (SIWRR)*

Predicting Salinization in Mekong River Delta

Ben Tre Province

Vietnam

*Measurement Analysis Report*  
*Feb 2020*

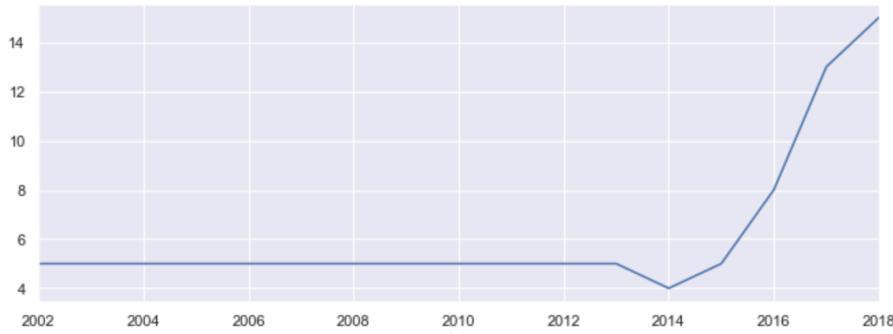
## Mục Lục

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## Tổng Quan

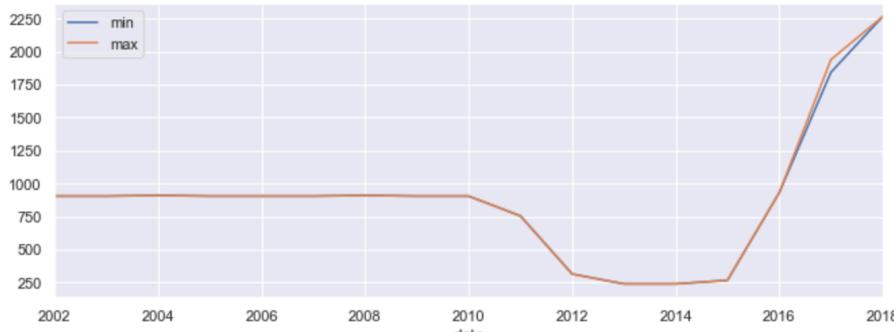
Dữ liệu độ ngâm mặn của tỉnh Bến Tre trải dài từ ngày 1/1/2002 đến 31/5/2018 bao gồm 15106 mẫu đo (datapoints) tại 28 vị trí đo (stations). Từ 5 stations của những năm 2002 đến 2013, số lượng station tăng dần theo năm vì tình hình nhiễm mặn trầm trọng hơn. Riêng năm 2014, không biết vì lý do gì, chỉ có 4 station đóng góp mẫu đo mà thôi.

Commented [KP1]: Không rõ do năm 2014 ít mẫu đo hay do SIWRR chưa cung cấp cho EBS

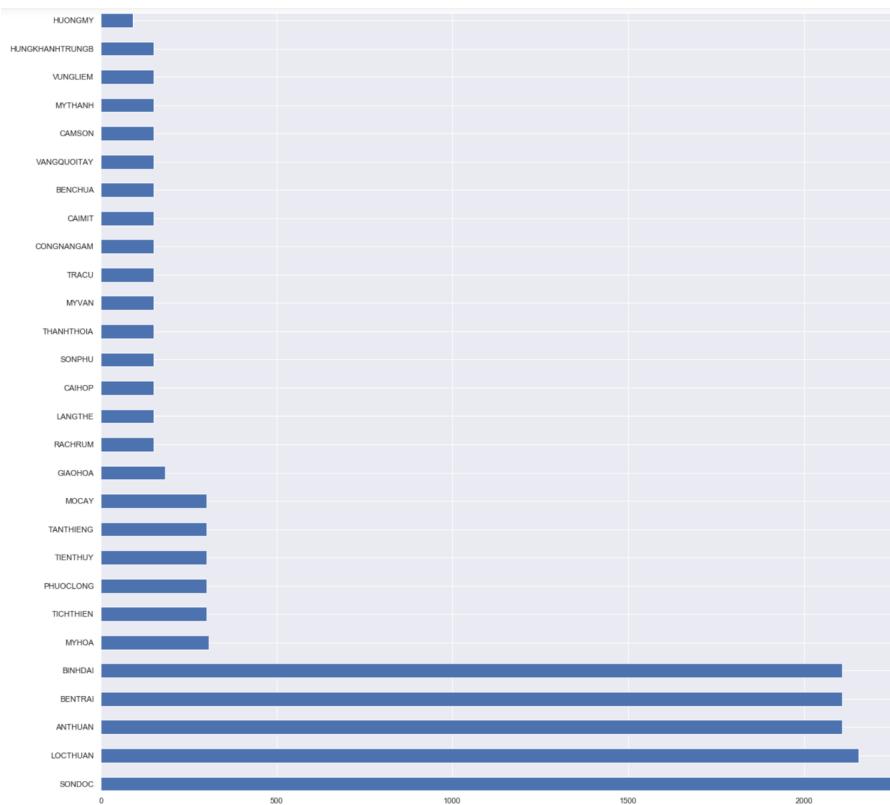


Chính vì thế số lượng mẫu đo cũng tăng dần theo năm. Riêng những 2011, 2012, 2013, 2014 và 2015, số mẫu đo lại giảm đi đáng kể, chỉ còn khoảng  $\frac{1}{4}$  của những năm trước.

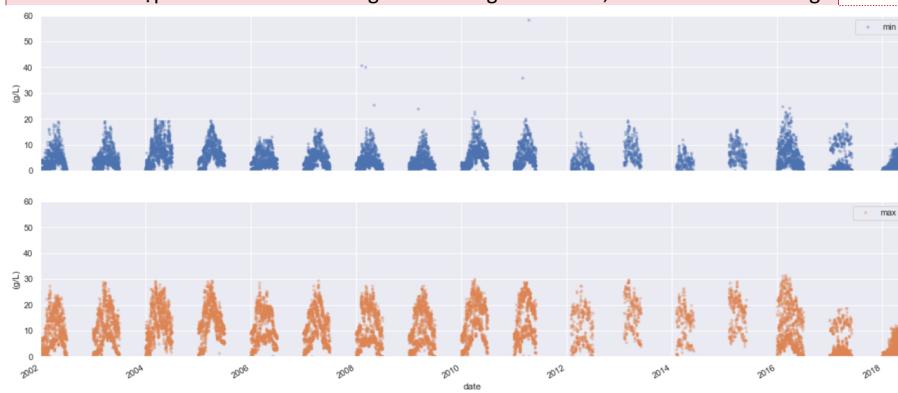
Commented [KP2]: Không rõ do những năm từ 2011 đến 2015 có ít mẫu đo hay SIWRR chưa cung cấp cho EBS



Trong 28 stations, số lượng mẫu đó tại mỗi station rất chênh lệch, ví dụ station Hương Mỹ đóng góp ít nhất (92 mẫu đo) trong khi station Sơn Đốc đóng góp nhiều nhất (2271 mẫu đo):

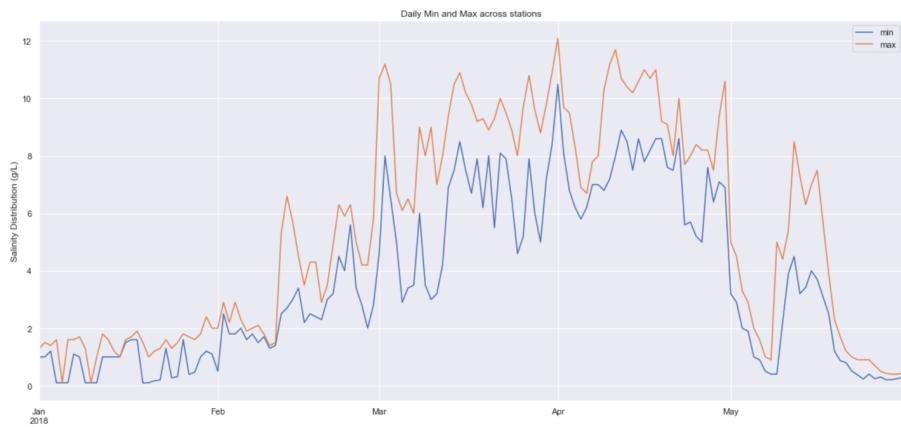


Mẫu đo thu thập vào mùa khô từ tháng 1 đến tháng 5 mỗi năm, đôi khi có thêm tháng 6:



Commented [KP3]: Kết quả dự đoán sẽ không chính xác cho mùa mưa: tháng 6 đến tháng 12

Trên mẫu đo gần nhất (2018) cho thấy độ nhiễm mặn cao trong hai tháng 3 và 4:



## Vấn Đề Gặp Phải

### 1. File Excel '004. Loc Thuan (2002-2015).xls':

- Năm 2014: hoàn toàn không có mẫu đo
- Năm 2015: chỉ có mẫu đo của tháng 2, những tháng khác không có. Mẫu đo tháng 2 cũng thiếu một số ngày

**Commented [KP4]:** Xin cung cấp mẫu đo của Lộc Thuận năm 2014

TRUNG TÂM KHÍ TƯỢNG THỦY VĂN QUỐC GIA  
ĐÀI KHÍ TƯỢNG THỦY VĂN KHU VỰC NAM BỘ

Commented [KP5]: Xin cung cấp những phần thiếu

### BIỂU GHI ĐỘ MẶN GIỜ (g/l)

Trạm: Lộc Thuận		Sông: Cửu Đại					Tỉnh: Bến Tre					Tháng II năm 2015				
Ngày		1	3	5	7	9	11	13	15	17	19	21	23	Max	Min	TB
2/1/15																
2/2/15	3.1	4.7	6.2	5.1	3.7	2.9	4.3	5.9	7.1	5.7	4.6	3.4	7.1	2.9	4.7	
2/3/15	5.0	6.3	7.6	6.4	4.5	3.4	4.8	6.0	7.3	6.3	4.9	3.7	7.6	3.4	5.5	
2/4/15	5.0	6.5	7.8	6.8	4.2	5.2	3.7	5.0	6.4	7.9	6.7	5.4	7.9	3.7	5.9	
2/5/15																
2/6/15																
2/7/15	4.1	5.3	6.8	5.9	4.7	4.0	3.4	4.5	5.6	7.2	6.3	5.0	7.2	3.4	5.2	
2/8/15	3.9	4.8	6.1	7.5	6.2	4.6	2.7	3.9	5.3	7.0	5.8	4.9	7.5	2.7	5.2	
2/9/15	4.1	5.2	6.5	7.2	5.0	3.4	1.9	3.1	4.5	6.3	4.9	3.6	7.2	1.9	4.6	
2/10/15																
2/11/15	3.1	4.5	5.3	6.4	4.0	2.7	1.5	2.5	3.8	5.9	6.5	5.2	6.5	1.5	4.3	
2/12/15	3.7	2.4	2.0	3.1	4.9	4.1	3.3	2.4	2.9	3.6	4.7	4.3	4.9	2.0	3.5	
2/13/15	3.2	2.1	2.7	3.5	6.1	5.2	4.0	2.8	4.5	5.6	6.9	6.0	6.9	2.1	4.4	
2/14/15																
2/15/15																
2/16/15																
2/17/15																
2/18/15	5.7	7.5	5.2	4.3	4.1	3.5	5.6	7.0	7.7	6.4	5.1	4.5	7.7	3.5	5.6	
2/19/15	5.8	6.9	8.0	6.4	4.5	3.7	5.9	6.7	8.1	6.9	5.7	4.0	8.1	3.7	6.1	
2/20/15	5.5	6.6	8.2	6.0	4.9	4.1	3.7	5.2	6.8	7.5	6.1	4.3	8.2	3.7	5.7	
2/21/15																
2/22/15	6.3	3.4	9.1	8.3	7.1	5.6	4.9	6.7	8.4	9.5	7.8	6.3	9.5	3.4	7.0	
2/23/15	5.1	6.5	8.0	9.4	7.5	6.2	4.2	5.5	6.6	7.4	8.3	6.5	9.4	4.2	6.8	
2/24/15	5.1	3.9	4.0	5.3	4.5	3.8	2.9	4.0	5.1	6.2	4.9	3.5	6.2	2.9	4.4	
2/25/15																
2/26/15																
2/27/15																
2/28/15																

## 2. File Excel 'So Lieu Man Ben Tre 2017.xlsx':

- Các mẫu đo từ các station Bến Đại, Giao Hoà, An Thuận, Sơn Đốc, Bến Trại và Hương Mỹ không phải của năm 2017, thực chất được sao chép (copy) từ năm 2016
- Station Lộc Thuận 2017 không có trong hồ sơ khảo sát (file excel) này như ở năm 2016
- Mẫu đo từ station Mỹ Hoá đúng của năm 2017 nhưng vẫn thiếu một số ngày của 2 tháng 4 và 5: có max nhưng không có min hay thiếu cả min lẫn max. Tháng 6 hoàn toàn không có mẫu đo.

Commented [KP6]: Xin cung cấp mẫu đo 2017 cho các stations này

Commented [KP7]: Xin cung cấp mẫu đo năm 2017 ở station Lộc Thuận

Trạm: Mỹ Hóa		Sông/Kênh: Hàm Luông				Tỉnh: Bến Tre				Năm 2017			
Ngày\Tháng		1		2		3		4		5		6	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1		0.1	0.1	0.3		2.6		0.7		1.0			
2		0.1	0.1	0.2		2.3		0.7		0.6			
3		0.1	0.1	0.1		2.5		0.6		0.4			
4		0.1	0.1	0.1		1.9		0.6		0.3			
5		0.1	0.1	0.1		0.9		0.5		0.2			
6		0.1	0.1	0.1		0.9		0.4		0.2			
7		0.1	0.1	0.1		0.3		0.4		0.2			
8		0.1	0.1	0.1		0.4		0.4					
9		0.1	0.1	0.1		0.4		0.4					
10		0.1	0.1	0.1		0.4		0.4					
11		0.1	0.1	0.2		0.4		0.2					
12		0.1	0.1	0.3		0.4		0.2					
13		0.1	0.1	0.3		0.4		0.2					
14		0.1	0.1	0.4		0.3		0.2					
15		0.1	0.1	0.4		0.3		0.2					
16		0.1	0.1	0.3		0.3		0.2					
17		0.1	0.1	0.3		0.2		0.2					
18		0.1	0.1	0.3		0.2		0.1					
19		0.1	0.1	0.2		0.2		0.1					
20		0.1	0.1	0.3		0.1		0.1					
21		0.1	0.1	0.3		0.1		0.1					
22		0.1	0.1	0.9		0.1		0.6					
23		0.1	0.1	0.9		0.1		1.5					
24		0.2	0.2	1.0		0.1		1.6					
25		0.4	0.4	1.4		0.2		1.6					
26		0.6	0.6	1.9		0.4		1.8					
27		1.5	0.9	2.1		0.8		1.7					
28		1.7	0.7	2.6		1.0		1.8					
29		0.6	0.3	7.9		1.1		1.5					
30		0.3	0.2			1.2		1.2					
31		0.3	0.3			1.0							
Max/min		1.7	0.1	7.9	0.0	2.6	0.0	1.8	0.0	1.0	0.0	0.0	0.0

Commented [KP8]: Xin bổ sung phần thiếu này

### 3. File Excel 'So lieu man bo sung\_2017.xls':

- Station Cái Hóp: có nhiều mẫu đo mang giá trị 0.00:

Tháng	1					2					3					4					5				
	Ngày	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ																
1	0.1	10 : 59	0.1	14 : 00	0.1	6 : 30	0.1	14 : 00	2.5	6 : 20	0.0	14 : 00	0.0	8 : 00	0.0	17 : 00	0.0	6 : 20	0.0	13 : 30	0.0				
2	0.1	7 : 59	0.1	15 : 00	0.1	7 : 10	0.1	14 : 30	3.0	7 : 00	0.0	14 : 00	0.0	8 : 00	0.0	17 : 00	0.0	7 : 20	0.0	13 : 30	0.0				
3	0.1	8 : 20	0.1	17 : 00	0.1	7 : 50	0.1	15 : 00	0.7	7 : 35	0.0	14 : 00	0.0	18 : 00	0.0	9 : 00	0.0	15 : 30	0.0	13 : 30	0.0				
4	0.1	11 : 00	0.1	17 : 10	0.1	8 : 50	0.1	16 : 00	0.0	8 : 20	0.0	16 : 00	0.0	11 : 30	0.0	18 : 00	0.0	10 : 30	0.0	16 : 30	0.0				
5	0.1	8 : 00	0.1	16 : 00	0.1	10 : 00	0.1	17 : 00	0.0	0.0	0.0	11 : 00	0.0	0.0	0.0	13 : 00	0.0	11 : 40	0.0	0.0	17 : 00				
6	0.1	10 : 00	0.1	14 : 00	0.1	12 : 00	0.1	18 : 00	0.0	10 : 30	0.0	18 : 00	0.0	0.0	0.0	14 : 00	0.0	0.0	12 : 40	0.0	6 : 00				
7	0.1	8 : 30	0.1	16 : 00	0.1	11 : 00	0.1	18 : 00	0.0	10 : 00	0.0	16 : 00	1.3	15 : 30	0.0	6 : 00	0.0	13 : 00	0.0	7 : 00					
8	0.1	12 : 00	0.1	16 : 30	0.1	9 : 00	0.1	16 : 00	0.0	11 : 30	0.0	16 : 40	0.7	7 : 00	0.5	16 : 40	0.0	13 : 30	0.0	7 : 30					
9	0.1	13 : 00	0.1	7 : 10	0.1	17 : 00	0.1	10 : 00	0.0	13 : 20	0.0	7 : 40	0.4	7 : 00	0.4	17 : 30	0.0	14 : 00	0.0	9 : 00					
10	0.1	15 : 00	0.1	8 : 00	0.1	18 : 00	0.1	11 : 00	0.0	14 : 20	0.0	8 : 40	0.3	7 : 00	0.0	17 : 55	0.0	14 : 40	0.0	9 : 30					
11	0.1	16 : 00	0.1	9 : 30	0.1	16 : 30	0.1	12 : 00	0.0	17 : 00	0.0	9 : 20	0.0	6 : 00	0.0	17 : 00	0.0	15 : 00	0.0	10 : 00					
12	0.1	14 : 00	0.1	9 : 00	0.1	17 : 00	0.1	12 : 45	0.0	18 : 00	0.0	10 : 00	0.0	6 : 00	0.0	17 : 00	0.0	15 : 30	0.0	11 : 00					
13	0.1	15 : 00	0.1	9 : 20	0.1	5 : 30	0.1	13 : 30	0.0	16 : 40	0.0	10 : 40	0.0	7 : 00	0.0	17 : 00	0.0	16 : 00	0.0	11 : 30					
14	0.1	16 : 00	0.1	10 : 00	0.1	6 : 00	0.1	14 : 00	0.0	6 : 00	0.0	12 : 30	0.4	17 : 00	0.0	7 : 00	0.0	6 : 00	0.0	12 : 30					
15	0.1	11 : 00	0.1	15 : 10	0.1	6 : 30	0.1	15 : 00	0.0	6 : 30	0.0	18 : 00	0.0	3 : 00	0.0	17 : 00	0.0	6 : 30	0.0	12 : 30					
16	0.1	17 : 00	0.1	12 : 00	0.1	7 : 00	0.0	16 : 00	0.0	6 : 30	0.0	17 : 15	0.8	8 : 00	0.0	17 : 00	0.0	7 : 30	0.0	13 : 00					
17	0.3	10 : 30	0.3	14 : 30	0.3	2 : 20	0.3	17 : 00	0.0	7 : 40	0.0	13 : 00	0.0	10 : 00	0.0	17 : 00	0.0	8 : 30	0.0	14 : 00					
18	0.1	7 : 40	0.1	15 : 00	0.1	9 : 30	0.1	18 : 00	0.0	8 : 40	0.0	13 : 40	0.0	10 : 30	0.0	17 : 00	0.0	10 : 00	0.0	15 : 40					
19	0.2	8 : 30	0.2	16 : 40	0.2	10 : 50	0.2	8 : 00	0.0	9 : 30	0.0	15 : 00	0.0	9 : 30	0.0	15 : 00	0.0	11 : 00	0.0	16 : 00					
20	0.1	8 : 20	0.1	17 : 00	0.1	3 : 30	0.2	9 : 00	0.0	10 : 05	0.0	15 : 50	0.0	11 : 00	0.0	16 : 00	0.0	11 : 30	0.0	17 : 00					
21	0.1	11 : 00	0.1	17 : 00	2.0	13 : 30	1.0	10 : 00	0.0	12 : 00	0.0	16 : 30	0.8	12 : 00	0.3	17 : 00	1.0	11 : 20	0.5	17 : 10					
22	0.1	10 : 20	0.1	14 : 00	4.2	14 : 30	0.5	10 : 00	0.0	13 : 50	0.0	7 : 30	1.6	13 : 00	1.3	6 : 00	1.7	12 : 00	0.1	17 : 00					
23	0.3	8 : 00	0.3	16 : 00	6.0	16 : 00	0.4	12 : 00	0.0	14 : 00	0.0	8 : 40	2.8	13 : 30	2.7	7 : 00	1.4	12 : 30	0.6	16 : 00					
24	1.0	15 : 30	0.3	16 : 00	3.2	16 : 30	0.5	12 : 00	0.0	15 : 50	0.0	9 : 00	3.8	14 : 00	2.0	8 : 00	0.3	13 : 00	0.1	8 : 00					
25	1.8	16 : 40	0.8	10 : 00	1.9	17 : 00	0.6	12 : 00	0.0	16 : 45	0.0	10 : 20	2.8	14 : 20	0.9	9 : 00	0.0	13 : 30	0.0	8 : 00					
26	1.3	17 : 40	0.7	10 : 30	1.8	9 : 00	0.7	13 : 30	0.0	17 : 00	0.0	11 : 30	0.0	14 : 40	0.0	10 : 00	0.0	14 : 20	0.0	9 : 00					
27	3.1	18 : 30	0.3	11 : 00	1.6	18 : 00	0.6	11 : 00	0.0	17 : 00	0.0	11 : 30	0.0	15 : 00	0.0	10 : 30	0.0	15 : 00	0.0	10 : 00					
28	0.2	14 : 20	0.2	11 : 00	1.7	18 : 45	0.6	11 : 00	0.0	17 : 30	0.0	11 : 40	0.0	15 : 30	0.0	11 : 00	0.0	15 : 30	0.0	11 : 00					
29	0.1	16 : 45	0.1	12 : 30	:	:	:	:	0.0	18 : 00	0.0	12 : 00	0.0	16 : 00	0.0	11 : 30	0.0	16 : 00	0.0	11 : 30					
30	0.2	17 : 20	0.1	10 : 00	:	:	:	:	0.0	7 : 30	0.0	13 : 00	0.0	12 : 00	0.0	17 : 00	0.0	6 : 30	0.0	12 : 30					
31	0.1	17 : 45	0.1	11 : 30	:	:	:	:	0.0	7 : 00	0.0	14 : 00	:	:	:	0.0	7 : 30	0.0	13 : 30						
	Max <sub>tháng</sub>	3.1			6.0				2.5				3.8				1.7			0.0					
	Min <sub>tháng</sub>				0.1				0.1				0.0				0.0			0.0					

Commented [KP9]: Xin xác nhận các giá trị 0.00 là mă̂u đo thực tế

Tháng	1					2					3					4					5				
	Ngày	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ				
1	0.6	10 : 00	0.2	15 : 00	0.2	7 : 30	0.1	14 : 20	2.1	6 : 20	1.8	12 : 15	0.3	7 : 15	0.2	15 : 10	0.1	7 : 05	0.1	14 : 00					
2	0.4	8 : 00	0.1	15 : 00	0.1	7 : 20	0.1	14 : 30	1.8	6 : 35	0.9	17 : 45	0.3	7 : 50	0.1	15 : 40	0.1	8 : 00	0.1	14 : 45					
3	0.2	8 : 00	0.1	17 : 00	0.1	7 : 30	0.1	14 : 40	1.7	7 : 15	1.2	13 : 50	0.1	8 : 50	0.1	16 : 05	0.1	9 : 10	0.1	15 : 05					
4	0.2	11 : 00	0.1	17 : 50	0.1	8 : 10	0.1	15 : 20	1.4	8 : 00	0.1	14 : 25	0.3	9 : 15	0.2	16 : 30	0.1	10 : 20	0.1	16 : 00					
5	0.2	7 : 30	0.1	15 : 25	0.1	9 : 20	0.1	16 : 30	0.7	8 : 00	0.2	15 : 00	0.1	10 : 40	0.1	17 : 40	0.1	11 : 30	0.1	17 : 05					
6	0.2	10 : 00	0.1	14 : 30	0.2	11 : 30	0.1	15 : 20	0.2	8 : 30	0.1	15 : 30	0.2	10 : 50	0.2	18 : 00	0.1	12 : 00	0.1	18 : 00					
7	0.2	9 : 00	0.1	16 : 00	0.2	11 : 50	0.1	17 : 40	0.1	10 : 40	0.1	15 : 40	0.2	12 : 15	0.1	6 : 00	0.1	13 : 40	0.1	6 : 25					
8	0.2	13 : 30	0.1	7 : 10	0.2	9 : 20	0.2	16 : 45	0.1	10 : 00	0.1	17 : 00	0.0	0.2	13 : 40	0.1	7 : 05	0.0	14 : 20	0.0	7 : 20				
9	0.2	13 : 40	0.1	7 : 45	0.2	14 : 25	0.2	9 : 25	0.3	11 : 00	0.1	16 : 45	0.3	14 : 00	0.0	0.2	8 : 20	0.0	15 : 45	0.0	8 : 10				
10	0.2	15 : 30	0.1	8 : 30	0.2	15 : 40	0.2	9 : 30	0.3	14 : 00	0.0	0.1	7 : 00	0.3	15 : 40	0.2	9 : 15	0.0	16 : 40	0.0	8 : 50				
11	0.2	16 : 20	0.1	10 : 25	0.2	16 : 22	0.1	10 : 00	0.3	15 : 05	0.1	8 : 00	0.1	16 : 25	0.1	9 : 30	0.0	0.0	0.0	9 : 35					
12	0.1	15 : 00	0.1	9 : 30	0.1	17 : 10	0.1	10 : 20	0.1	15 : 20	0.1	9 : 00	0.0	0.0	0.0	10 : 15	0.0	0.0	0.0	10 : 00					
13	0.1	15 : 30	0.1	11 : 00	0.2	8 : 20	0.1	14 : 30	0.1	16 : 50	0.1	8 : 00	0.0	0.0	0.0	11 : 20	0.0	0.0	0.0	11 : 10					
14	0.2	16 : 40	0.1	10 : 45	0.2	13 : 00	0.2	8 : 00	0.1	17 : 05	0.1	8 : 00	0.0	0.6 : 20	0.0	0.13 : 05	0.0	0.6 : 15	0.0	13 : 20					
15	0.2	11 : 55	0.2	15 : 45	0.2	7 : 30	0.1	14 : 20	0.1	16 : 00	0.1	7 : 00	0.0	0.6 : 45	0.0	0.12 : 50	0.0	7 : 20	0.0	13 : 40					
16	0.2	18 : 00	0.1	11 : 55	0.2	8 : 10	0.1	17 : 45	0.1	6 : 10	0.1	13 : 20	0.0	0.7 : 30	0.0	0.14 : 25	0.0	8 : 40	0.0	14 : 15					
17	0.4	11 : 10	0.2	14 : 30	0.1	9 : 15	0.1	15 : 15	0.1	6 : 50	0.1	14 : 05	0.0	0.8 : 25	0.0	0.15 : 00	0.0	9 : 50	0.0	15 : 05					
18	0.3	7 : 10	0.2	15 : 40	0.4	10 : 30	0.2	16 : 25	0.1	7 : 00	0.0	0.9 : 10	0.0	0.15 : 20	0.0	0.15 : 20	0.0	10 : 25	0.0	16 : 00					
19	0.3	8 : 00	0.2	15 : 35	0.5	10 : 20	0.2	17 : 00	0.1	9 : 15	0.1	15 : 30	0.0	0.10 : 05	0.0	0.16 : 00	0.0	0.11 : 00	0.0	16 : 20					
20	0.2	9 : 15	0.1	11 : 40	0.5	14 : 00	0.2	9 : 30	0.1	10 : 00	0.0	0.16 : 00	0.0	0.00 : 00	0.0	0.11 : 55	0.0	0.00 : 10							
21	0.2	11 : 00	0.2	17 : 30	0.4	14 : 00	0.2	11 : 00	0.3	10 : 50	0.1	17 : 05	0.0	0.11 : 40	0.0	0.17 : 35	0.0	0.13 : 25	0.0	6 : 00					
22	0.2	10 : 30	0.2	15 : 20	2.4	13 : 30	0.4	10 : 40	0.1	11 : 45	0.1	14 : 00	0.0	0.12 : 00	0.0	0.18 : 00	0.0	0.14 : 10	0.0	7 : 10					
23	0.7	8 : 20	0.5	17 : 30	1.6	15 : 20	0.2	9 : 30	0.1	13 : 00	0.1	6 : 05	0.0	0.13 : 25	0.0	0.6 : 20	0.0	0.15 : 10	0.0	8 : 10					
24	2.1	14 : 05	1.6	8 : 00	1.2	15 : 30	0.2	9 : 00	0.1	14 : 05	0.1	7 : 10	0.0	0.14 : 05	0.0	0.7 : 00	0.0	0.16 : 10	0.0	9 : 00					
25	0.8	15 : 30	0.6	9 : 50	1.0	16 : 10	0.2	9 : 20	0.1	15 : 10	0.1	8 : 15	0.2	14 : 50	0.2	8 : 10	0.0	0.16 : 40	0.0	9 : 30					
26	2.8	15 : 20	0.4	9 : 30	1.4	10 : 15	0.2	14 : 30	0.3	16 : 00	0.1	8 : 40	0.2	15 : 30	0.0	0.8 : 45	0.0	17 : 00	0.0	10 : 20					
27	2.0	7 : 00	1.7	10 : 15	1.2	17 : 40	0.2	10 : 45	0.1	17 : 05	0.1	9 : 50	0.0	0.16 : 00	0.0	0.9 : 10	0.0	17 : 30	0.0	0.11 : 00					
28	1.8	15 : 20	1.4	9 : 05	1.2	17 : 35	0.1	10 : 35	0.1	17 : 40	0.1	10 : 10	0.0	0.16 : 20	0.0	10 : 20	0.0	7 : 00	0.0	12 : 30					
29	1.2	17 : 00	1.0	11 : 00	:	:	:	:	0.1	16 : 00	0.1	10 : 00	0.0	0.16 : 00	0.0	11 : 00	0.0	7 : 00	0.0	12 : 10					
30	0.6	16 : 15	0.4	11 : 00	:	:	:	:	0.1	6 : 10	0.1	13 : 15	0.0	0.6 : 00	0.0	13 : 15	0.0	8 : 00	0.0	14 : 00					
31	1.0	17 : 30	0.7	11 : 30	:	:	:	:	0.1	6 : 45	0.1	14 : 20	:	:	:	0.0	8 : 40	0.0	14 : 30						
<b>Max hàng</b>	<b>2.8</b>				<b>2.4</b>				<b>2.1</b>				<b>0.3</b>				<b>0.1</b>								
<b>Min hàng</b>					<b>0.1</b>				<b>0.1</b>				<b>0.0</b>				<b>0.0</b>								

Commented [KP10]: Xin xác nhận các giá trị 0.00 là mẫu đo thực tế

- Các station Tân Thiềng, Tích Thiện và Tiên Thuỷ: Tất cả các mẫu đo đều là 0.00

Commented [KP11]: Không rõ mẫu đo 0.00 là đúng thức tế hay do lỗi nhập liệu

Tháng	1				2				3				4				5			
	Ngày	Max	Giờ	Min	Giờ	Max	Giờ	Min												
1	0.0	8 : 30	0.0	17 : 40	0.0	17 : 00	0.0	8 : 40	0.0	7 : 30	0.0	15 : 10	0.0	6 : 30	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
2	0.0	8 : 45	0.0	17 : 35	0.0	18 : 00	0.0	7 : 50	0.0	8 : 00	0.0	15 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 30	0.0	18 : 00
3	0.0	7 : 30	0.0	17 : 10	0.0	16 : 00	0.0	8 : 30	0.0	8 : 30	0.0	15 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
4	0.0	7 : 20	0.0	17 : 45	0.0	17 : 00	0.0	9 : 35	0.0	9 : 00	0.0	17 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
5	0.0	15 : 30	0.0	8 : 00	0.0	17 : 00	0.0	11 : 30	0.0	17 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00	0.0	17 : 00
6	0.0	7 : 30	0.0	17 : 30	0.0	15 : 15	0.0	9 : 26	0.0	11 : 00	0.0	18 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
7	0.0	7 : 00	0.0	17 : 41	0.0	10 : 20	0.0	16 : 00	0.0	25 : 00	0.0	16 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
8	0.0	8 : 00	0.0	17 : 40	0.0	8 : 37	0.0	16 : 20	0.0	11 : 45	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 15	0.0	17 : 00
9	0.0	17 : 00	0.0	9 : 30	0.0	9 : 30	0.0	16 : 40	0.0	14 : 00	0.0	8 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
10	0.0	17 : 00	0.0	7 : 20	0.0	16 : 26	0.0	15 : 46	0.0	15 : 00	0.0	9 : 00	0.0	6 : 30	0.0	17 : 00	0.0	6 : 30	0.0	17 : 15
11	0.0	16 : 00	0.0	10 : 00	0.0	17 : 00	0.0	8 : 35	0.0	17 : 15	0.0	9 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
12	0.0	11 : 00	0.0	16 : 00	0.0	16 : 00	0.0	10 : 00	0.0	18 : 00	0.0	11 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
13	0.0	11 : 20	0.0	15 : 25	0.0	16 : 00	0.0	10 : 40	0.0	17 : 00	0.0	11 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 15	0.0	17 : 10
14	0.0	10 : 30	0.0	17 : 37	0.0	16 : 43	0.0	8 : 00	0.0	7 : 00	0.0	14 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 10	0.0	17 : 00
15	0.0	17 : 45	0.0	9 : 25	0.0	15 : 18	0.0	9 : 33	0.0	7 : 00	0.0	18 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
16	0.0	17 : 00	0.0	8 : 30	0.0	15 : 40	0.0	11 : 00	0.0	7 : 00	0.0	17 : 30	0.0	6 : 00	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
17	0.0	8 : 00	0.0	17 : 00	0.0	10 : 38	0.0	17 : 45	0.0	45 : 00	0.0	0 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
18	0.0	8 : 00	0.0	17 : 28	0.0	11 : 30	0.0	17 : 34	0.0	9 : 00	0.0	14 : 15	0.0	6 : 00	0.0	17 : 00	0.0	6 : 10	0.0	17 : 30
19	0.0	8 : 30	0.0	17 : 30	0.0	10 : 55	0.0	16 : 00	0.0	10 : 00	0.0	15 : 35	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
20	0.0	8 : 40	0.0	17 : 40	0.0	14 : 00	0.0	11 : 00	0.0	0 : 00	0.0	16 : 40	0.0	6 : 00	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
21	0.0	8 : 00	0.0	17 : 30	0.0	17 : 00	0.0	8 : 00	0.0	12 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00
22	0.0	8 : 42	0.0	17 : 36	0.0	9 : 00	0.0	16 : 50	0.0	14 : 00	0.0	8 : 00	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	17 : 00
23	0.0	8 : 00	0.0	11 : 00	0.0	17 : 32	0.0	8 : 00	0.0	15 : 00	0.0	9 : 00	0.0	6 : 00	0.0	18 : 00	0.0	6 : 10	0.0	17 : 30
24	0.0	16 : 00	0.0	9 : 33	0.0	16 : 00	0.0	8 : 19	0.0	16 : 00	0.0	9 : 40	0.0	6 : 30	0.0	17 : 00	0.0	6 : 30	0.0	17 : 00
25	0.0	8 : 30	0.0	17 : 00	0.0	9 : 40	0.0	17 : 30	0.0	17 : 16	0.0	11 : 20	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	17 : 10
26	0.0	10 : 37	0.0	14 : 28	0.0	17 : 00	0.0	8 : 00	0.0	17 : 30	0.0	11 : 20	0.0	6 : 00	0.0	17 : 00	0.0	7 : 30	0.0	17 : 30
27	0.0	8 : 30	0.0	14 : 35	0.0	16 : 00	0.0	9 : 08	0.0	17 : 28	0.0	11 : 40	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	17 : 00
28	0.0	16 : 40	0.0	8 : 00	0.0	8 : 39	0.0	17 : 00	0.0	17 : 20	0.0	11 : 50	0.0	6 : 00	0.0	18 : 00	0.0	6 : 00	0.0	17 : 00
29	0.0	9 : 00	0.0	14 : 31	0.0	17 : 00	0.0	8 : 00	0.0	18 : 00	0.0	11 : 25	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	17 : 00
30	0.0	8 : 20	0.0	14 : 00	0.0	17 : 00	0.0	8 : 00	0.0	14 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00
31	0.0	8 : 45	0.0	14 : 26	0.0	17 : 00	0.0	8 : 00	0.0	15 : 00	0.0	0 : 00	0.0	17 : 00	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00
Max <sub>tháng</sub>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Min <sub>tháng</sub>	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	

Commented [KP12]: Xin xác nhận các giá trị 0.00 là mẫu do thực tế

Tháng	1				2				3				4				5			
	Ngày	Max	Giờ	Min	Giờ	Max	Giờ	Min												
1	0.0	8 : 00	0.0	17 : 30	0.0	17 : 00	0.0	8 : 00	0.0	7 : 00	0.0	13 : 30	0.0	17 : 00	0.0	7 : 10	0.0	9 : 30	0.0	15 : 20
2	0.0	8 : 30	0.0	17 : 40	0.0	18 : 00	0.0	7 : 30	0.0	14 : 10	0.0	17 : 30	0.0	8 : 15	0.0	9 : 45	0.0	15 : 45		
3	0.0	7 : 00	0.0	17 : 15	0.0	6 : 00	0.0	9 : 00	0.0	8 : 00	0.0	15 : 00	0.0	0 : 00	0.0	9 : 20	0.0	10 : 10	0.0	16 : 30
4	0.0	7 : 30	0.0	17 : 30	0.0	16 : 00	0.0	9 : 40	0.0	8 : 20	0.0	15 : 25	0.0	6 : 00	0.0	16 : 30	0.0	11 : 20	0.0	17 : 15
5	0.0	16 : 00	0.0	8 : 00	0.0	17 : 00	0.0	9 : 00	0.0	16 : 00	0.0	7 : 15	0.0	0 : 00	0.0	16 : 45	0.0	11 : 30	0.0	17 : 55
6	0.0	7 : 00	0.0	17 : 20	0.0	15 : 10	0.0	10 : 00	0.0	16 : 00	0.0	0 : 00	0.0	8 : 10	0.0	12 : 45	0.0	13 : 30	0.0	6 : 30
7	0.0	7 : 10	0.0	17 : 30	0.0	10 : 00	0.0	16 : 00	0.0	11 : 30	0.0	16 : 30	0.0	9 : 00	0.0	13 : 30	0.0	14 : 15	0.0	7 : 30
8	0.0	7 : 15	0.0	17 : 00	0.0	9 : 00	0.0	10 : 10	0.0	11 : 15	0.0	17 : 45	0.0	10 : 00	0.0	14 : 10	0.0	15 : 30	0.0	8 : 15
9	0.0	17 : 20	0.0	9 : 15	0.0	9 : 30	0.0	16 : 00	0.0	12 : 00	0.0	17 : 30	0.0	11 : 10	0.0	15 : 00	0.0	16 : 30	0.0	9 : 25
10	0.0	17 : 30	0.0	8 : 00	0.0	10 : 20	0.0	16 : 00	0.0	9 : 00	0.0	11 : 40	0.0	0 : 00	0.0	16 : 40	0.0	17 : 20	0.0	10 : 30
11	0.0	16 : 00	0.0	9 : 45	0.0	16 : 30	0.0	8 : 30	0.0	17 : 00	0.0	9 : 30	0.0	12 : 00	0.0	0 : 00	0.0	17 : 30	0.0	11 : 30
12	0.0	11 : 00	0.0	9 : 30	0.0	16 : 00	0.0	10 : 00	0.0	16 : 40	0.0	9 : 00	0.0	11 : 55	0.0	17 : 55	0.0	17 : 55	0.0	11 : 50
13	0.0	17 : 30	0.0	15 : 00	0.0	16 : 00	0.0	11 : 00	0.0	17 : 00	0.0	15 : 00	0.0	9 : 40	0.0	6 : 00	0.0	14 : 20	0.0	7 : 30
14	0.0	10 : 25	0.0	17 : 30	0.0	17 : 00	0.0	8 : 00	0.0	17 : 48	0.0	9 : 00	0.0	6 : 45	0.0	14 : 40	0.0	8 : 15	0.0	14 : 25
15	0.0	18 : 00	0.0	9 : 20	0.0	15 : 30	0.0	10 : 00	0.0	17 : 00	0.0	9 : 00	0.0	7 : 20	0.0	15 : 10	0.0	9 : 25	0.0	15 : 20
16	0.0	17 : 00	0.0	8 : 30	0.0	16 : 00	0.0	11 : 00	0.0	0 : 00	0.0	7 : 00	0.0	15 : 00	0.0	8 : 17	0.0	15 : 45	0.0	10 : 00
17	0.0	8 : 00	0.0	17 : 00	0.0	10 : 25	0.0	17 :												

Tháng	1				2				3				4				5			
	Ngày	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ	Max	Giờ	Min	Giờ			
1	0.0	8 : 20		0.0	17 : 25	0.0	8 : 33	0.0	8 : 00	0.0	15 : 30	0.0	6 : 00	0.0	17 : 00	0.0	17 : 00			
2	0.0	8 : 40		0.0	17 : 20	0.0	7 : 36	0.0	8 : 25	0.0	15 : 45	0.0	6 : 00	0.0	17 : 00	0.0	17 : 00			
3	0.0	7 : 28		0.0	17 : 00	0.0	16 : 11	0.0	8 : 33	0.0	9 : 00	0.0	15 : 15	0.0	7 : 00	0.0	10 : 00	0.0	17 : 20	
4	0.0	7 : 10		0.0	17 : 35	0.0	17 : 20	0.0	9 : 40	0.0	9 : 22	0.0	17 : 40	0.0	7 : 00	0.0	18 : 00	0.0	10 : 00	
5	0.0	15 : 10		0.0	8 : 00	0.0	8 : 14	0.0	17 : 15	0.0	11 : 50	0.0	17 : 50	0.0	7 : 00	0.0	18 : 00	0.0	10 : 00	
6	0.0	7 : 15		0.0	17 : 20	0.0	15 : 30	0.0	9 : 40	0.0	11 : 16	0.0	18 : 00	0.0	17 : 00	0.0	10 : 00	0.0	17 : 00	
7	0.0	7 : 13		0.0	17 : 30	0.0	10 : 38	0.0	16 : 10	0.0	10 : 35	0.0	16 : 45	0.0	6 : 00	0.0	17 : 00	0.0	10 : 00	
8	0.0	7 : 45		0.0	17 : 22	0.0	9 : 00	0.0	17 : 00	0.0	11 : 55	0.0	17 : 20	0.0	7 : 00	0.0	18 : 00	0.0	10 : 00	
9	0.0	17 : 00	0.0	9 : 00	0.0	9 : 40	0.0	17 : 00	0.0	14 : 30	0.0	8 : 48	0.0	7 : 00	0.0	18 : 00	0.0	6 : 00	0.0	
10	0.0	17 : 10	0.0	7 : 05	0.0	10 : 48	0.0	16 : 00	0.0	15 : 20	0.0	9 : 30	0.0	7 : 00	0.0	18 : 00	0.0	6 : 00	0.0	
11	0.0	16 : 00	0.0	10 : 11	0.0	17 : 08	0.0	9 : 00	0.0	17 : 35	0.0	9 : 40	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	
12	0.0	11 : 00	0.0	0.0 : 45	0.0	16 : 14	0.0	10 : 22	0.0	18 : 00	0.0	0.0	0.0	11 : 40	0.0	6 : 00	0.0	17 : 00	0.0	
13	0.0	11 : 10	0.0	0.0 : 17	0.0	16 : 00	0.0	11 : 00	0.0	17 : 30	0.0	0.0	0.0	11 : 45	0.0	6 : 00	0.0	17 : 00	0.0	
14	0.0	10 : 25	0.0	17 : 30	0.0	16 : 50	0.0	8 : 10	0.0	7 : 25	0.0	14 : 26	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	
15	0.0	17 : 30	0.0	9 : 15	0.0	15 : 38	0.0	9 : 53	0.0	7 : 30	0.0	17 : 50	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	
16	0.0	16 : 50	0.0	8 : 20	0.0	15 : 55	0.0	11 : 18	0.0	7 : 20	0.0	17 : 44	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	
17	0.0	8 : 00	0.0	0.0 : 50	0.0	10 : 50	0.0	17 : 50	0.0	8 : 30	0.0	14 : 29	0.0	6 : 00	0.0	17 : 00	0.0	7 : 00	0.0	
18	0.0	8 : 00	0.0	17 : 00	0.0	11 : 45	0.0	17 : 46	0.0	9 : 25	0.0	14 : 40	0.0	6 : 00	0.0	17 : 00	0.0	10 : 00	0.0	
19	0.0	8 : 10	0.0	17 : 11	0.0	11 : 10	0.0	16 : 36	0.0	10 : 40	0.0	16 : 00	0.0	10 : 00	0.0	18 : 00	0.0	10 : 00	0.0	
20	0.0	8 : 25	0.0	17 : 20	0.0	14 : 30	0.0	11 : 50	0.0	11 : 18	0.0	16 : 30	0.0	10 : 00	0.0	18 : 00	0.0	10 : 00	0.0	
21	0.0	8 : 30	0.0	0.0 : 22	0.0	17 : 20	0.0	8 : 30	0.0	12 : 00	0.0	17 : 19	0.0	10 : 00	0.0	18 : 00	0.0	10 : 00	0.0	
22	0.0	8 : 00	0.0	0.0 : 18	0.0	9 : 30	0.0	17 : 00	0.0	14 : 30	0.0	8 : 20	0.0	10 : 00	0.0	17 : 00	0.0	10 : 00	0.0	
23	0.0	8 : 33	0.0	0.0 : 27	0.0	17 : 55	0.0	8 : 20	0.0	15 : 25	0.0	9 : 23	0.0	10 : 00	0.0	17 : 00	0.0	5 : 00	0.0	
24	0.0	8 : 10	0.0	11 : 45	0.0	17 : 00	0.0	8 : 30	0.0	16 : 15	0.0	9 : 25	0.0	10 : 00	0.0	18 : 00	0.0	5 : 00	0.0	
25	0.0	16 : 30	0.0	9 : 38	0.0	10 : 00	0.0	18 : 00	0.0	17 : 30	0.0	11 : 32	0.0	5 : 00	0.0	17 : 00	0.0	6 : 00	0.0	
26	0.0	8 : 28	0.0	16 : 00	0.0	17 : 24	0.0	8 : 32	0.0	17 : 44	0.0	11 : 55	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	
27	0.0	10 : 31	0.0	14 : 20	0.0	16 : 00	0.0	9 : 20	0.0	17 : 20	0.0	11 : 50	0.0	6 : 00	0.0	17 : 00	0.0	6 : 00	0.0	
28	0.0	8 : 27	0.0	14 : 30	0.0	8 : 50	0.0	17 : 09	0.0	18 : 00	0.0	11 : 40	0.0	7 : 00	0.0	17 : 00	0.0	7 : 00	0.0	
29	0.0	16 : 30	0.0	7 : 55	0.0	17 : 00	0.0	18 : 00	0.0	11 : 45	0.0	7 : 00	0.0	18 : 00	0.0	7 : 00	0.0	17 : 00	0.0	
30	0.0	8 : 30	0.0	14 : 34	0.0	17 : 00	0.0	18 : 00	0.0	14 : 30	0.0	10 : 00	0.0	17 : 00	0.0	10 : 00	0.0	17 : 00	0.0	
31	0.0	9 : 00	0.0	0.0 : 00	0.0	15 : 00	0.0	17 : 00	0.0	8 : 16	0.0	15 : 30	0.0	0.0	0.0	10 : 00	0.0	0.0	0.0	
<b>Max hàng</b>	<b>0.0</b>			<b>0.0</b>				<b>0.0</b>				<b>0.0</b>			<b>0.0</b>			<b>0.0</b>		
<b>Min hàng</b>				<b>0.0</b>				<b>0.0</b>				<b>0.0</b>			<b>0.0</b>			<b>0.0</b>		

**Commented [KP14]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế**

#### 4. File Excel 'solieuman Do bo sung\_2018.xls':

- Station Phước Long, Lộc Thuận: có hơn một tháng số mẫu đo đều bằng 0.00

Tháng	1		2		3		4		5	
	Max	Min								
Ngày										
1	0.0	0.0	0.0	0.0	1.0	0.4	3.9	2.0	1.5	0.8
2	0.0	0.0	0.0	0.0	1.2	0.5	4.1	2.1	1.2	0.7
3	0.0	0.0	0.0	0.0	0.9	0.4	3.8	1.9	1.0	0.4
4	0.0	0.0	0.0	0.0	1.1	0.4	5.1	2.5	0.9	0.4
5	0.0	0.0	0.0	0.0	0.7	0.6	4.2	2.2	0.8	0.5
6	0.0	0.0	0.1	0.0	0.8	0.5	4.5	2.8	0.4	0.2
7	0.0	0.0	0.1	0.0	0.9	0.3	4.0	2.4	0.2	0.1
8	0.0	0.0	0.1	0.0	1.1	0.4	3.9	2.0	0.2	0.1
9	0.0	0.0	0.1	0.0	1.4	0.7	3.5	1.9	0.3	0.2
10	0.0	0.0	0.1	0.0	1.4	0.4	4.1	2.8	0.5	0.1
11	0.0	0.0	0.1	0.0	1.3	0.5	4.9	2.9	1.0	0.2
12	0.0	0.0	1.5	0.6	3.8	2.7	5.1	3.2	1.2	0.3
13	0.0	0.0	1.8	0.9	4.5	3.4	5.3	3.5	1.4	0.4
14	0.0	0.0	1.4	0.7	6.7	2.9	4.8	3.1	1.5	0.8
15	0.0	0.0	1.2	0.5	5.7	4.5	5.4	3.2	1.2	0.7
16	0.0	0.0	0.9	0.4	4.7	3.1	4.8	2.8	2.0	1.0
17	0.0	0.0	0.4	0.2	3.0	2.9	4.7	2.3	1.7	0.7
18	0.0	0.0	0.7	0.4	2.8	2.5	4.2	2.0	1.5	0.9
19	0.0	0.0	0.7	0.3	4.5	2.0	3.8	1.9	0.9	0.4
20	0.0	0.0	0.6	0.2	4.2	3.5	3.1	2.0	0.5	0.2
21	0.0	0.0	0.5	0.2	3.9	3.8	2.8	1.5	0.2	0.1
22	0.0	0.0	0.4	0.2	4.1	2.2	1.5	0.9	0.1	0.1
23	0.0	0.0	0.2	0.1	2.6	2.2	1.4	0.7	0.1	0.1
24	0.0	0.0	0.3	0.1	3.0	2.4	2.0	1.0	0.1	0.1
25	0.0	0.0	0.2	0.1	3.8	3.5	2.4	1.2	0.1	0.1
26	0.0	0.0	0.2	0.1	5.1	4.8	2.8	1.4	0.1	0.1
27	0.0	0.0	0.8	0.4	5.2	4.2	2.0	1.5	0.1	0.1
28	0.0	0.0	1.2	0.7	3.9	3.7	2.9	0.9	0.1	0.1
29	0.0	0.0			4.2	3.4	2.6	0.7	0.1	0.1
30	0.0	0.0			4.5	2.5	2.1	1.7	0.1	0.1
31	0.0	0.0			5.2	3.7			0.1	0.1
Max <sub>tháng</sub>	0.0		1.8		6.7		5.4		2.0	
Min <sub>tháng</sub>		0.0		0.0		0.3		0.7		0.1

Commented [KP15]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM LỌC THUẬN NĂM 2018								5	
	1	2	3	4						
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	1.3	1.0	2.0	0.5	10.7	4.6	11.0	10.5	0.0	0.0
2	1.5	1.0	2.9	2.5	11.2	8.0	9.0	8.1	0.0	0.0
3	1.4	1.2	2.2	1.8	10.5	6.5	9.0	6.7	0.0	0.0
4	1.6	0.0	2.9	1.8	6.7	5.0	8.0	6.2	0.0	0.0
5	0.0	0.0	2.3	2.0	6.1	2.0	6.4	5.8	0.0	0.0
6	1.6	0.0	1.9	1.6	6.5	3.4	6.3	6.2	0.0	0.0
7	1.6	1.1	2.0	1.8	6.0	3.5	7.8	7.0	0.0	0.0
8	1.7	1.0	2.1	1.5	9.0	6.0	8.0	7.0	0.0	0.0
9	1.3	0.0	1.8	1.7	8.0	3.5	10.3	6.0	0.0	0.0
10	0.0	0.0	1.4	1.3	9.0	3.0	11.2	5.5	0.0	0.0
11	1.0	0.0	1.5	1.4	7.0	3.0	11.7	8.0	0.0	0.0
12	1.8	1.0	1.9	1.5	8.0	3.0	8.5	6.5	0.0	0.0
13	1.6	1.0	2.3	2.2	8.3	2.5	8.5	5.2	0.0	0.0
14	1.2	1.0	2.0	1.0	7.3	7.3	7.4	4.6	0.0	0.0
15	1.0	1.0	1.6	1.0	7.2	7.0	8.5	7.6	0.0	0.0
16	1.6	1.5	2.7	2.2	6.0	6.0	9.4	7.2	0.0	0.0
17	1.7	1.6	2.5	2.0	6.1	6.0	10.0	8.2	0.0	0.0
18	1.9	1.6	2.9	2.4	7.0	6.0	11.0	8.6	0.0	0.0
19	1.5	0.0	2.6	2.3	9.3	4.0	9.2	8.6	0.0	0.0
20	1.0	0.0	3.5	3.0	8.9	8.0	9.1	7.6	0.0	0.0
21	1.2	0.0	4.9	3.2	9.3	3.0	8.0	7.5	0.0	0.0
22	1.3	0.0	6.3	4.5	8.0	2.5	10.0	8.6	0.0	0.0
23	1.6	1.3	5.9	4.0	7.0	3.6	7.7	5.6	0.0	0.0
24	1.3	0.0	6.3	5.6	6.0	3.5	8.0	5.7	0.0	0.0
25	1.5	0.0	5.0	3.4	8.0	3.2	8.4	5.2	0.0	0.0
26	1.8	1.6	4.2	2.8	9.7	2.1	8.2	4.8	0.0	0.0
27	1.7	0.0	3.8	2.0	8.7	3.0	8.2	7.6	0.0	0.0
28	1.6	0.0	3.0	2.8	8.0	2.0	7.5	6.4	0.0	0.0
29	1.8	1.0			7.0	3.0	9.4	7.1	0.0	0.0
30	2.4	1.2			7.5	3.5	10.6	6.9	0.0	0.0
31	2.0	1.1			6.7	3.6		0.0	0.0	0.0
<b>Max<sub>tháng</sub></b>	<b>2.4</b>		<b>6.3</b>		<b>11.2</b>		<b>11.7</b>		<b>0.0</b>	
<b>Min<sub>tháng</sub></b>			<b>0.0</b>		<b>0.5</b>		<b>2.0</b>		<b>4.6</b>	
										<b>0.0</b>

Commented [KP16]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

- Station Tiên Thuỷ, Cống Nàng Âm: Có vài mẫu đo, còn lại tất cả là 0.00

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM TIỀN THỦY NĂM 2018										5
	1		2		3		4				
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0			0.0	0.0	0.0
<b>Max_tháng</b>	<b>0.0</b>	<b>0.0</b>		<b>0.2</b>			<b>0.0</b>		<b>0.0</b>		
<b>Min_tháng</b>	<b>0.0</b>	<b>0.0</b>		<b>0.0</b>			<b>0.0</b>		<b>0.0</b>		<b>0.0</b>

Commented [KP17]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MÃN (g/l) TRẠM CÔNG NÀNG ÂM NĂM 2018						5	
	1	2	3	4	5	6		
Ngày	Max	Min	Max	Min	Max	Min	Max	Min
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
16	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
17	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
18	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
22	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0	0.0	0.0

Commented [KP18]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

- Station Tân Thiềng, Tích Thiện, Vũng Liêm, Hưng Khánh Trung: Tất cả mẫu đo đều 0.00

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM TÂN THIỀNG NĂM 2018									
	1		2		3		4		5	
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
<b>Max<sub>tháng</sub></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Min<sub>tháng</sub></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Commented [KP19]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM TÍCH THIỆN NĂM 2018									
	1		2		3		4		5	
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
<b>Max<sub>tháng</sub></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Min<sub>tháng</sub></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Commented [KP20]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM VŨNG LIÊM NĂM 2018									
	1		2		3		4		5	
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0			0.0	0.0
<b>Max_tháng</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Min_tháng</b>		<b>0.0</b>		<b>0.0</b>		<b>0.0</b>		<b>0.0</b>		<b>0.0</b>

Commented [KP21]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

KẾT QUẢ ĐO MẶN (g/l) TRẠM HƯNG KHÁNH TRUNG B NĂM 2018											
Tháng	1		2		3		4		5		
Ngày	Max	Min									
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0			0.0	0.0			0.0	0.0	0.0
<b>Max<sub>tháng</sub></b>	<b>0.0</b>										
<b>Min<sub>tháng</sub></b>	<b>0.0</b>										

Commented [KP22]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

- Station Sơn Phú, Sơn Đốc, Cái Mít, Thành Thới A : Có nhiều mẫu đo bằng 0.00

Tháng	KẾT QUẢ ĐO MÀN (g/l) TRẠM SƠN PHÚ NĂM 2018										Page 10
	1		2		3		4		5		
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
1	0.0	0.0	0.0	0.0	0.2	0.1	1.5	0.7	0.7	0.2	
2	0.0	0.0	0.0	0.0	0.5	0.2	1.8	0.6	0.4	0.2	
3	0.0	0.0	0.0	0.0	0.2	0.1	1.2	0.4	0.5	0.1	
4	0.0	0.0	0.0	0.0	0.3	0.1	2.5	1.0	0.4	0.1	
5	0.0	0.0	0.0	0.0	0.2	0.1	2.0	0.9	0.3	0.1	
6	0.0	0.0	0.0	0.0	0.2	0.1	2.1	0.8	0.2	0.1	
7	0.0	0.0	0.0	0.0	0.2	0.1	2.0	0.9	0.1	0.0	
8	0.0	0.0	0.0	0.0	0.2	0.1	1.9	1.2	0.1	0.0	
9	0.0	0.0	0.0	0.0	0.4	0.2	1.5	1.0	0.1	0.0	
10	0.0	0.0	0.0	0.0	0.5	0.2	2.0	0.9	0.2	0.1	
11	0.0	0.0	0.3	0.0	0.4	0.2	2.2	0.8	0.2	0.1	
12	0.0	0.0	0.9	0.4	1.5	0.5	2.5	1.2	0.3	0.1	
13	0.0	0.0	1.0	0.0	2.1	1.0	2.1	1.2	0.4	0.2	
14	0.0	0.0	0.7	0.2	3.0	1.5	2.2	1.2	0.5	0.1	
15	0.0	0.0	0.5	0.2	2.7	1.2	2.7	1.5	0.5	0.2	
16	0.0	0.0	0.4	0.1	2.4	1.0	2.2	0.9	0.7	0.2	
17	0.0	0.0	0.1	0.0	2.0	0.9	2.0	1.1	0.9	0.3	
18	0.0	0.0	0.3	0.1	1.9	0.7	1.8	1.2	0.6	0.2	
19	0.0	0.0	0.3	0.1	2.2	0.9	1.7	0.9	0.4	0.1	
20	0.0	0.0	0.2	0.1	1.8	1.0	1.2	0.7	0.2	0.1	
21	0.0	0.0	0.2	0.1	1.5	0.6	1.1	0.5	0.1	0.0	
22	0.0	0.0	0.2	0.0	1.5	1.2	0.3	0.2	0.0	0.0	
23	0.0	0.0	0.1	0.0	1.4	0.4	0.7	0.4	0.0	0.0	
24	0.0	0.0	0.2	0.1	2.0	0.9	1.0	0.5	0.0	0.0	
25	0.0	0.0	0.1	0.0	1.8	0.6	1.3	0.6	0.0	0.0	
26	0.0	0.0	0.1	0.0	2.2	0.9	1.4	0.4	0.0	0.0	
27	0.0	0.0	0.4	0.2	2.0	0.7	1.0	0.7	0.0	0.0	
28	0.0	0.0	0.8	0.4	2.3	1.0	1.2	0.6	0.0	0.0	
29	0.0	0.0			2.2	0.9	1.4	0.5	0.0	0.0	
30	0.0	0.0			2.0	0.8	1.0	0.4	0.0	0.0	
31	0.0	0.0			1.0	0.5			0.0	0.0	
Max <sub>tháng</sub>	0.0		1.0		3.0		2.7		0.9		
Min <sub>tháng</sub>	0.0		0.0		0.1		0.2		0.0		

Commented [KP23]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MÀN (g/l) TRẠM SƠN ĐÓC NĂM 2018										
	1		2		3		4		5		
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
1	0.0	0.0	0.2	0.1	5.5	3.8	12.1	8.2	5.0	3.2	
2	0.0	0.0	0.3	0.0	7.1	4.2	9.7	7.7	4.5	2.9	
3	0.0	0.0	0.4	0.2	6.1	4.5	9.5	6.8	3.3	2.0	
4	0.0	0.0	0.3	0.1	4.6	3.5	8.3	5.2	2.9	1.9	
5	0.0	0.0	0.5	0.2	3.8	2.9	6.9	4.5	2.0	1.0	
6	0.0	0.0	0.4	0.2	3.6	2.7	6.7	5.1	1.6	0.9	
7	0.0	0.0	0.4	0.2	3.3	3.0	6.4	4.8	1.0	0.5	
8	0.0	0.0	0.5	0.1	3.2	2.5	7.7	5.9	0.9	0.4	
9	0.0	0.0	0.6	0.2	3.6	2.8	9.2	6.8	5.0	0.2	
10	0.0	0.0	0.4	0.1	4.2	3.0	10.5	7.2	4.4	2.2	
11	0.0	0.0	0.3	0.1	4.1	3.2	9.6	7.8	5.4	3.9	
12	0.0	0.0	5.3	2.5	7.1	4.2	10.7	8.9	8.5	4.5	
13	0.0	0.0	6.6	2.7	9.4	6.9	10.4	8.5	7.3	3.2	
14	0.0	0.0	5.7	3.0	10.5	7.5	10.2	7.5	6.3	2.9	
15	0.0	0.0	4.5	3.4	10.9	8.5	10.6	8.6	7.0	4.0	
16	0.0	0.0	3.5	2.0	10.2	7.5	11.0	7.8	7.5	3.7	
17	0.0	0.0	4.3	2.5	9.8	6.7	10.7	8.0	5.7	3.1	
18	0.0	0.0	4.3	2.4	9.2	7.9	9.9	6.7	3.9	2.5	
19	0.0	0.0	2.9	1.0	8.7	6.2	9.2	5.9	2.3	1.2	
20	0.0	0.0	2.6	1.1	8.9	7.1	8.7	6.3	1.7	0.8	
21	0.0	0.0	2.4	0.9	7.2	5.5	7.1	4.5	1.2	0.5	
22	0.0	0.0	1.7	0.7	10.0	8.1	6.7	3.9	1.0	0.5	
23	0.0	0.0	2.3	0.9	9.5	7.9	5.9	4.8	0.9	0.3	
24	0.0	0.0	1.2	0.8	8.9	6.5	4.7	3.2	0.9	0.2	
25	0.2	0.0	0.8	0.2	7.9	4.6	6.6	4.2	0.9	0.4	
26	0.1	0.0	2.4	1.1	8.1	5.2	7.3	5.0	0.7	0.2	
27	0.1	0.0	4.2	1.5	10.8	7.9	7.0	5.7	0.5	0.3	
28	0.2	0.0	5.8	2.7	9.6	6.0	6.8	4.2	0.4	0.2	
29	0.1	0.0			8.8	5.0	6.2	3.8	0.4	0.2	
30	0.2	0.0			9.8	7.2	6.1	5.2	0.4	0.2	
31	0.1	0.0			10.9	8.4			0.3	0.2	
<b>Max<sub>tháng</sub></b>	<b>0.2</b>		<b>6.6</b>		<b>10.9</b>		<b>12.1</b>		<b>8.5</b>		
<b>Min<sub>tháng</sub></b>		<b>0.0</b>		<b>0.0</b>		<b>2.5</b>		<b>3.2</b>		<b>0.2</b>	

Commented [KP24]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	1		2		3		4		5		
	Ngày	Max	Min								
1	1	0.0	0.0	0.1	0.0	2.8	1.0	7.0	4.2	2.7	1.2
2	2	0.0	0.0	0.1	0.0	3.0	2.1	6.4	3.5	2.5	0.9
3	3	0.0	0.0	0.1	0.0	2.9	1.2	6.2	4.5	1.6	0.6
4	4	0.0	0.0	0.1	0.0	1.9	1.0	5.6	3.5	1.4	0.5
	5	0.0	0.0	0.1	0.0	1.6	0.7	4.8	4.1	1.0	0.4
	6	0.0	0.0	0.2	0.0	1.7	0.9	4.1	3.5	0.7	0.2
	7	0.0	0.0	0.2	0.0	1.7	1.2	3.7	2.5	0.5	0.2
	8	0.0	0.0	0.2	0.0	1.6	0.5	3.9	1.9	0.3	0.2
	9	0.0	0.0	0.2	0.0	1.4	0.9	5.2	2.8	1.7	0.4
	10	0.0	0.0	0.2	0.0	2.0	1.0	6.7	3.9	1.5	0.6
	11	0.0	0.0	0.2	0.0	2.5	0.7	6.2	4.1	2.3	1.2
	12	0.0	0.0	2.8	0.7	4.0	2.1	6.8	5.2	4.4	0.9
	13	0.0	0.0	3.3	0.9	6.5	3.5	7.7	4.9	3.4	1.2
	14	0.0	0.0	2.8	1.2	8.6	4.5	7.1	5.3	3.7	1.1
	15	0.0	0.0	2.4	0.9	8.5	5.8	6.5	4.2	3.5	1.8
	16	0.0	0.0	1.4	0.8	7.2	4.1	7.5	5.1	4.0	2.0
	17	0.0	0.0	0.9	0.4	6.8	3.9	7.2	4.9	2.9	1.1
	18	0.0	0.0	1.2	0.5	5.5	4.2	6.7	3.8	2.2	0.7
	19	0.0	0.0	1.2	0.6	6.5	3.8	6.3	4.7	1.3	0.9
	20	0.0	0.0	1.2	0.4	5.8	4.3	5.0	3.1	0.8	0.2
	21	0.0	0.0	1.1	0.4	5.3	3.1	4.7	2.7	0.7	0.2
	22	0.0	0.0	1.0	0.2	4.7	2.8	4.1	3.0	0.6	0.2
	23	0.0	0.0	0.5	0.2	5.2	3.0	2.5	2.0	0.3	0.2
	24	0.0	0.0	0.5	0.2	4.5	2.9	2.4	1.3	0.2	0.2
	25	0.0	0.0	0.4	0.1	5.0	3.5	3.0	1.5	0.2	0.2
	26	0.0	0.0	0.5	0.2	5.1	2.8	3.7	1.7	0.2	0.2
	27	0.0	0.0	1.6	0.5	6.3	3.9	3.4	2.4	0.2	0.2
	28	0.0	0.0	2.2	0.9	4.8	2.1	3.6	1.9	0.2	0.1
	29	0.0	0.0			5.4	3.8	3.2	1.2	0.2	0.2
	30	0.0	0.0			6.1	4.2	3.2	2.4	0.2	0.2
	31	0.0	0.0			6.6	5.0		0.2		0.1
<b>Max tháng</b>		<b>0.0</b>		<b>3.3</b>		<b>8.6</b>		<b>7.7</b>		<b>4.4</b>	<small>Page 17</small>
<b>Min tháng</b>		<b>0.0</b>		<b>0.0</b>		<b>0.5</b>		<b>1.2</b>		<b>0.1</b>	

Commented [KP25]: Xin xác nhận các giá trị 0.0 là mẫu đo thực tế

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM THÀNH THỐI A NĂM 2018									
	1		2		3		4		5	
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.0	0.0	0.1	0.1	0.4	0.4	0.9	0.8	0.6	0.4
2	0.0	0.0	0.1	0.1	0.4	0.4	1.2	1.1	0.5	0.4
3	0.0	0.0	0.1	0.1	0.4	0.4	1.3	1.2	0.4	0.2
4	0.0	0.0	0.1	0.1	0.4	0.3	1.1	0.9	0.3	0.2
5	0.0	0.0	0.1	0.1	0.5	0.4	1.0	0.7	0.3	0.2
6	0.0	0.0	0.1	0.1	0.5	0.4	1.0	0.8	0.2	0.2
7	0.0	0.0	0.1	0.1	0.6	0.5	0.8	0.6	0.3	0.1
8	0.0	0.0	0.2	0.1	0.7	0.7	0.5	0.4	0.2	0.1
9	0.0	0.0	0.2	0.2	0.8	0.7	0.5	0.2	0.3	0.1
10	0.0	0.0	0.2	0.2	0.9	0.7	0.8	0.6	0.2	0.2
11	0.0	0.0	0.2	0.2	1.0	0.8	0.9	0.6	0.6	0.3
12	0.0	0.0	0.2	0.2	1.2	1.0	1.2	0.8	0.9	0.7
13	0.1	0.0	0.2	0.2	1.4	1.3	1.2	0.6	1.3	1.1
14	0.2	0.1	0.2	0.2	1.7	1.5	2.2	1.8	1.8	1.3
15	0.1	0.1	0.2	0.2	1.9	1.7	2.2	1.9	1.8	1.1
16	0.0	0.0	0.2	0.1	2.2	1.9	2.1	1.6	1.7	1.0
17	0.0	0.0	0.2	0.2	2.3	2.1	2.3	1.7	1.4	0.8
18	0.0	0.0	0.2	0.2	1.9	1.9	1.9	1.5	1.3	0.7
19	0.1	0.0	0.2	0.2	1.5	1.4	1.6	1.2	1.0	0.6
20	0.0	0.0	0.2	0.2	1.4	1.2	1.5	1.1	0.6	0.5
21	0.0	0.0	0.2	0.2	1.2	1.1	1.2	0.8	0.4	0.3
22	0.0	0.0	0.2	0.2	1.0	1.0	0.8	0.6	0.4	0.3
23	0.0	0.0	0.2	0.2	0.8	0.8	0.7	0.4	0.3	0.2
24	0.0	0.0	0.2	0.2	0.7	0.6	0.6	0.5	0.2	0.2
25	0.0	0.0	0.2	0.2	0.7	0.6	0.5	0.4	0.2	0.2
26	0.0	0.0	0.2	0.2	0.6	0.6	0.6	0.2	0.2	0.2
27	0.0	0.0	0.3	0.2	0.7	0.7	0.6	0.3	0.2	0.2
28	0.0	0.0	0.5	0.4	0.8	0.8	0.6	0.5	0.2	0.1
29	0.1	0.1			0.8	0.7	0.7	0.4	0.1	0.1
30	0.1	0.1			0.7	0.7	0.6	0.4	0.1	0.1
31	0.1	0.1			0.7	0.7		0.1		0.1
<b>Max<sub>tháng</sub></b>	<b>0.2</b>		<b>0.5</b>		<b>2.3</b>		<b>2.3</b>		<b>1.8</b>	
<b>Min<sub>tháng</sub></b>		<b>0.0</b>		<b>0.1</b>		<b>0.3</b>		<b>0.2</b>		<b>0.1</b>

Commented [KP26]: Xin xác nhận các giá trị 0.00 là mẫu đo thực tế

Page 1/1

- Station Mỹ Thạnh: Các mẫu đo của tháng 1 đều giống nhau và rất nhỏ, 0.03. Còn lại đều là 0.00

Tháng	KẾT QUẢ ĐO MẶN (g/l) TRẠM MỸ THÀNH NĂM 2018									
	1		2		3		4		5	
Ngày	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.03	0.03			0.00	0.00	0.00	0.00	0.00	0.00
30	0.03	0.03			0.00	0.00	0.00	0.00	0.00	0.00
31	0.03	0.03			0.00	0.00			0.00	0.00
ax_tháng	0.03		0.0		0.0		0.0		0.0	
in_tháng		0.03		0.0		0.0		0.0		0.0

##### 5. File Excel 'Toa\_do\_vitri do man BenTre.xlsx':

- Tất cả 15106 mẫu đo đến từ 28 station nhưng chỉ có 18 station có toạ độ bản đồ. 10 stations sau đây chưa có toạ độ:

Commented [KP27]: Xin xác nhận các giá trị 0.00 là mẫu đo thực tế

Tên	Toạ độ (WGS_1984_UTM_Zone_48N)
Bến Chùa	?
Cái Hóp	?
Cái Mít	?
Cống Nàng Âm	?

Commented [KP28]: Có thể bổ sung toạ độ của station này được không?

Láng Thé	?
Mỹ Văn	?
Rạch Rum	?
Tích Thiện	?
Trà Cú	?
Vũng Liêm	?

- 20 stations có toạ độ được phân bố dọc theo 3 nhánh sông chính ngang qua tỉnh Bến Tre:



- Theo toạ độ cung cấp, có vẻ các stations sau nằm trên mặt nước chứ không phải đất liền:





- Tuy toạ độ của station Cái Mít không có, nhưng C. Cái Mít thì có, không biết 2 stations này thật sự là 1 hay 2 stations khác nhau
6. Hoán chuyển mẫu đo Min và Max: Rải rác ở nhiều stations khác nhau, có 19 giá trị Min lớn hơn giá trị Max:

Commented [KP31]: Xin xác nhận toạ độ của Thành Thới A chính xác

Commented [KP32]: Không biết 2 stations này thật sự là 1 hay 2 stations khác nhau

Commented [KP33]: Không biết đây có phải lỗi nhập liệu.  
Có thể hoán chuyển Min và Max được không?

date	code	min	max
2002-04-01	ANTHUAN	17.00000	14.50000
2004-01-31	ANTHUAN	6.90000	4.80000
2004-05-23	LOCTHUAN	4.06000	3.36000
2005-05-24	SONDOC	5.00000	1.40000
2008-01-05	SONDOC	0.20000	0.10000
...	...	...	...
2017-01-09	TRACU	2.00000	0.20000
2017-02-15	BENCHUA	13.90000	12.00000
2017-03-24	LANGTHE	0.30000	0.10000
2017-04-17	PHUOCLONG	1.70000	0.20000
2017-04-28	VANGQUOTAY	5.60000	5.20000

19 rows × 3 columns

7. Độ cao so với mặt nước biển của các stations cũng đóng góp quan trọng cho việc dự đoán nhưng không được SIWRR cung cấp, nên EBS dùng chương trình Google Earth để thu thập thông số này:

Commented [KP34]: Đề nghị SIWRR kiểm chứng giúp thông số cao độ từ Google Earth chính xác hay không

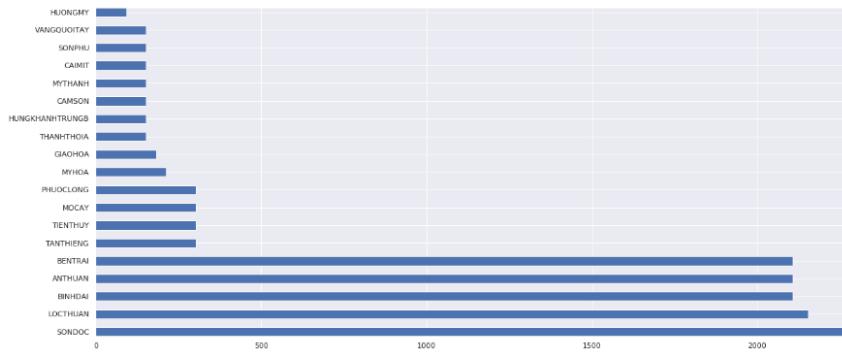
Code	Name	X	Y	Ft	Cm
TIENTHUY	Tiên Thùy	638108.96	1132743.34	7	213.36
PHUOCLONG	Phước Long	654447.98	1120366.11	13	396.24
MOCAY	Mỏ Cày	640695.88	1114676.77	22	670.56
TANTHIENG	Tân Thiêng	633534.73	1123276.54	17	518.16
VANGQUOTAY	Vang Quới Tây	668101.64	1134363.39	31	944.88
CAMSON	Cẩm Sơn	647782.35	1108081.2	19	579.12
LOCTHUAN	Lộc Thuận	674962.03	1132414.51	9	274.32
C.SONDOC	C. Sơn Đốc	661073.14	1111850.94	2	60.96
C.CAIMIT	C. Cái Mít	656680.71	1117059.98	12	365.76
SONPHU	Sơn Phú	651337.94	1125205.88	24	731.52
MYTHANH	Mỹ Thành	645305.99	1132921.35	23	701.04
THANHHTHOA	Thành Thới A	643380.96	1110967.48	0	0
HUNGKHANHT	Hưng Khánh Trì	637118.66	1118236.52	8	243.84
MYHOA	Mỹ Hoá	647099.94	1130345.31	0	0
SONDOC	Sơn Đốc	667286.5	1108588.58	1	30.48
ANTHUAN	An Thuận	672322.05	1105548.36	0	0
BENTRAI	Bến Trại	668547.05	1092073.36	0	0
HUONGMY	Hương Mỹ	651972.43	1104087.87	6	182.88
BINHDAI	Bình Đại	685869.54	1128715.31	5	152.4
GIAOHOA	Giao Hòa	659097.05	1137873.36	10	304.8

Commented [KP35]: Đặc biệt 4 stations có cao độ bằng 0.00 có phản ánh đúng thực tế không

## Mô Hình Dự Đoán

Từ 15105 mẫu đo ban đầu, sau quá trình lọc dữ liệu, còn lại 13500 mẫu đo từ 19 trạm có thể sử dụng cho việc dự đoán bằng trí tuệ nhân tạo (AI - Artificial Intelligent, ML – Machine Learning và DL – Deep Learning). Tuy nhiên mẫu đo phân bố ở các trạm rất khác nhau:

Commented [KP36]: Với giả sử các mẫu đo 0.00 nêu trên là thực tế. Nếu không đúng, số mẫu đo sử dụng được có thể giảm hơn rất nhiều



Chỉ có 5 trạm có vẻ đủ mẫu đo (trên 2000 mẫu) trải đều từ 2002 đến 2016 và riêng 2018 (không có mẫu đo 2017), cho thấy vấn đề nhiễm mặn trầm trọng thêm theo từng năm:

- Bến Trại



- An Thuận



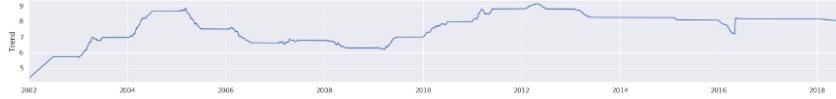
- Bình Đại



- Sơn Đốc



- Lộc Thuận

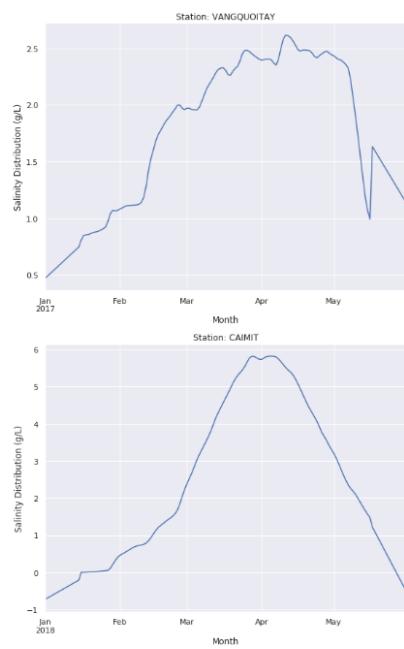
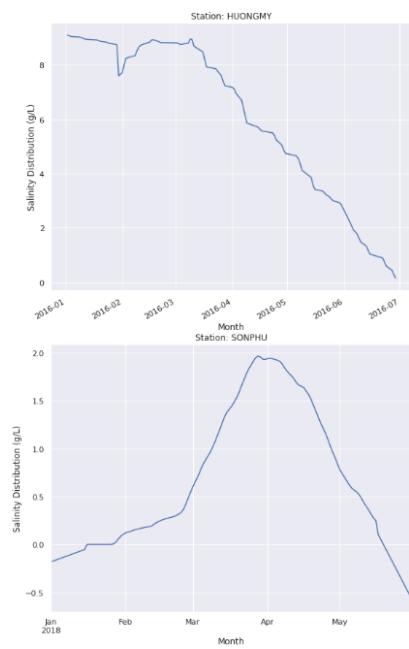


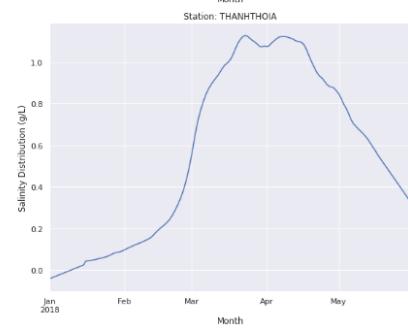
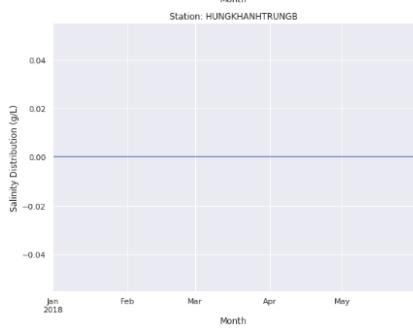
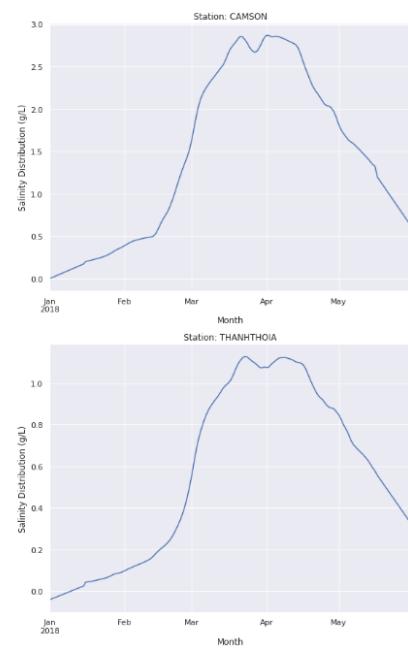
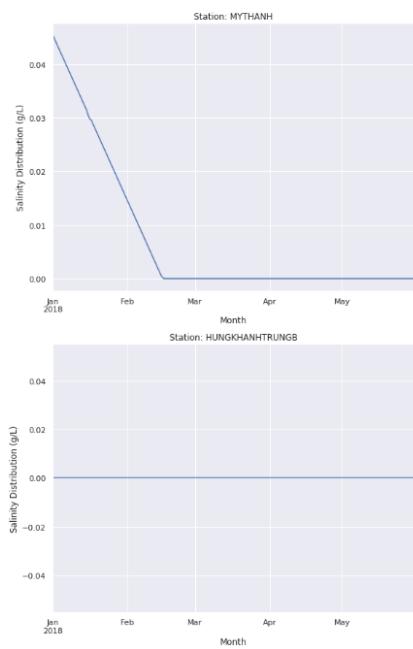
Các trạm mới thêm có rất ít mẫu đo chỉ 1 hoặc 2 năm và rất rời rạc trong mỗi năm:

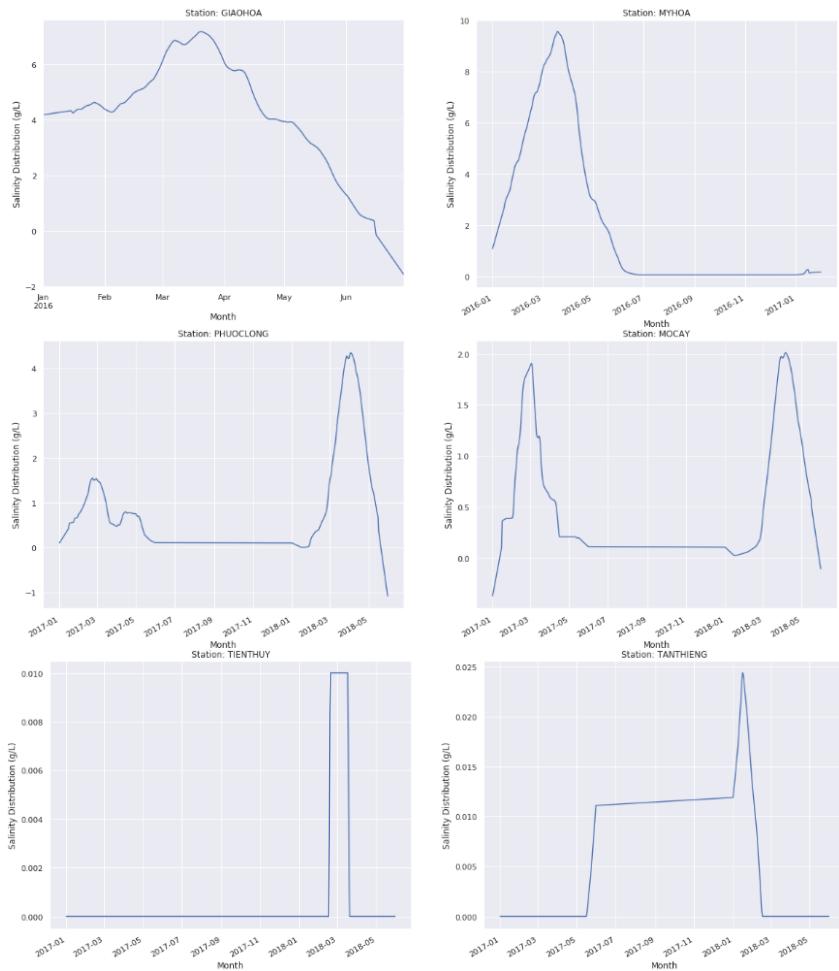
**Commented [KP37]:** Cần bổ sung mẫu đo 2017, 2018, và 2019 ít nhất cho 5 trạm này để có được kết quả dự báo khả quan hơn

*Elbert Software (EBS)*

*Southern Institute of Water Resources Search (SIWRR)*







Với số lượng mẫu đo chỉ trên 10.000 một chút, chúng ta chỉ có thể dùng kỹ thuật của ML mà thôi, kỹ thuật DL đòi hỏi nhiều mẫu đo hơn. Khi triển khai cả 13 tỉnh của đồng bằng sông Cửu Long, chúng ta có thể áp dụng kỹ thuật DL vì dữ liệu sẽ nhiều hơn, hy vọng đạt ít nhất 200,000 mẫu đo.

Để tăng độ chính xác của dự đoán, EBS sẽ dùng toàn bộ mẫu đo từ năm 2002 đến năm 2018 cho việc dạy các mô hình ML. **EBS rất cần mẫu đo mới nhất của năm 2019 cho việc kiểm định sàng lọc các mô hình trước khi kiểm nghiệm thức tế cho năm 2020**

**Commented [KP38]: Xin gửi thêm mẫu đo của năm 2019**