

# REPORTE DE DATOS - LVAG-04

Proyecto 14 | Generado el 25/11/2025 18:24:30

Descripción del Dataset:  
 Fecha inserción inicial: 2025-10-25 09:19:41  
 Fecha inserción final: 2025-11-25 09:07:56  
 Código interno: LVAG-04

Archivos: 14 | Registros: 1,368 | Fechas: 1

Archivo	Fecha Carpeta	Registros
LVAG-04_paquete_001_20251027.csv	2025-10-25	100
LVAG-04_paquete_002_20251029.csv	2025-10-25	100
LVAG-04_paquete_003_20251031.csv	2025-10-25	100
LVAG-04_paquete_004_20251102.csv	2025-10-25	100
LVAG-04_paquete_005_20251104.csv	2025-10-25	100
LVAG-04_paquete_006_20251107.csv	2025-10-25	100
LVAG-04_paquete_007_20251109.csv	2025-10-25	100
LVAG-04_paquete_008_20251111.csv	2025-10-25	100
LVAG-04_paquete_009_20251113.csv	2025-10-25	100
LVAG-04_paquete_010_20251115.csv	2025-10-25	100
LVAG-04_paquete_011_20251117.csv	2025-10-25	100
LVAG-04_paquete_012_20251120.csv	2025-10-25	100
LVAG-04_paquete_013_20251123.csv	2025-10-25	100
LVAG-04_paquete_014_20251125.csv	2025-10-25	68

## METRICAS DE CALIDAD DE DATOS

Variable	Compleitud %	Consistencia %	Estabilidad %	Continuidad %	Quality Score	Clasificación	N Outliers	Coef. Variación
A01NYUB [Distancia (m)]	100.0%	100.0%	100.0%	97.3%	99.6%	EXCELENTE	0	0.00%
DS3231 [Grados celcius (°C)]	100.0%	100.0%	60.0%	97.3%	89.6%	BUENA	0	48.82%
Divisor de Voltaje [Voltaje (V)]	100.0%	91.5%	100.0%	97.3%	97.1%	EXCELENTE	116	0.26%
LIQ-136 [Profundidad (m)]	100.0%	99.9%	100.0%	97.3%	99.6%	EXCELENTE	2	12.53%
SHT40 [Grados celcius (°C)]	100.0%	100.0%	60.0%	97.3%	89.6%	BUENA	0	36.19%
SHT40 [Humedad (%)]	100.0%	100.0%	80.0%	97.3%	94.6%	EXCELENTE	0	28.73%
SIM7600G [Intensidad señal telefónica (Adimensional)]	100.0%	100.0%	100.0%	97.3%	99.6%	EXCELENTE	0	8.68%

### Métricas de Calidad:

- **Compleitud:** % datos válidos (no nulos)
- **Consistencia:** % datos sin outliers (método IQR)
- **Estabilidad:** Baja variabilidad (Coef. Variación <30%)
- **Continuidad:** Regularidad temporal en mediciones
- **Quality Score:** Puntuación general ponderada

**EXCELENTE** ( $\geq 90\%$ ) | **BUENA** ( $\geq 80\%$ ) | **ACEPTABLE** ( $\geq 70\%$ ) | **DEFICIENTE** ( $< 70\%$ )

# ESTADÍSTICAS DESCRIPTIVAS

[illegible]

DS3231 [Grados celcius (°C)]	20.0499	16.7500	12.7500	9.7877	95.7996	6.0000	47.7500	12.5000	26.7500	1368
Divisor de Voltaje [Voltaje (V)]	7.9962	8.0000	8.0000	0.0210	0.0004	7.8800	8.0500	7.9800	8.0000	1368
LIQ-136 [Profundidad (m)]	0.4971	0.5000	0.5100	0.0623	0.0039	0.0000	0.6000	0.4600	0.5400	1368
SHT40 [Grados celcius (°C)]	17.4557	15.9800	12.6300	6.3177	39.9139	6.4500	34.1300	12.3600	22.6400	1368
SHT40 [Humedad (%)]	66.7273	70.0150	39.6600	19.1734	367.6191	24.9700	100.0000	49.9050	83.7725	1368
SIM7600G [Intensidad señal telefónica (Adimensional)]	21.4298	21.0000	21.0000	1.8604	3.4611	17.0000	25.0000	20.0000	22.2500	1368

■ Interpretación: Media (promedio), Mediana (valor central), Moda (valor más frecuente), Desv. Est. (dispersión), Q1 y Q3 (cuartiles)

DATOS COMPLETOS

■ DATOS COMPLETOS - Página 1 (Filas 1-35)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celcius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celcius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-24 21:50:29	2025-10-25 09:19:41	14	LVAG-04	0.0	14.25	8.03	0.57	13.14	59.36	22.0	Primera	Primera
2025-10-24 22:20:23	2025-10-25 09:19:45	14	LVAG-04	0.0	13.5	8.01	0.58	12.62	59.43	22.0	0.1	29.9
2025-10-24 22:50:18	2025-10-25 09:19:50	14	LVAG-04	0.0	13.0	8.02	0.57	12.19	63.14	22.0	0.1	29.9

2025-10-24 23:20:12	2025-10-25 09:19:54	14	LVAG-04	0.0	12.5	8.01	0.57	11.82	60.63	22.0	0.1	29.9
2025-10-24 23:50:07	2025-10-25 09:19:58	14	LVAG-04	0.0	12.0	8.01	0.57	11.66	64.66	22.0	0.1	29.9
2025-10-25 00:20:04	2025-10-25 09:20:03	14	LVAG-04	0.0	12.0	8.01	0.57	11.76	61.61	22.0	0.1	29.9
2025-10-25 00:49:59	2025-10-25 09:20:07	14	LVAG-04	0.0	11.75	8.01	0.57	11.8	62.03	22.0	0.1	29.9
2025-10-25 01:19:56	2025-10-25 09:20:11	14	LVAG-04	0.0	11.75	7.99	0.57	11.49	66.86	22.0	0.1	29.9
2025-10-25 01:49:50	2025-10-25 09:20:16	14	LVAG-04	0.0	11.5	8.0	0.57	11.25	63.73	22.0	0.1	29.9
2025-10-25 02:19:46	2025-10-25 09:20:21	14	LVAG-04	0.0	11.0	8.01	0.56	10.51	69.99	22.0	0.1	29.9
2025-10-25 02:49:41	2025-10-25 09:20:29	14	LVAG-04	0.0	10.5	8.01	0.56	9.9	72.7	22.0	0.1	29.9
2025-10-25 03:19:35	2025-10-25 09:20:37	14	LVAG-04	0.0	9.75	8.01	0.56	9.21	74.52	22.0	0.1	29.9
2025-10-25 03:49:28	2025-10-25 09:20:42	14	LVAG-04	0.0	9.25	7.98	0.56	9.09	76.24	22.0	0.1	29.9
2025-10-25 04:19:23	2025-10-25 09:20:46	14	LVAG-04	0.0	9.0	8.0	0.56	8.82	74.82	22.0	0.1	29.9
2025-10-25 04:49:18	2025-10-25 09:20:50	14	LVAG-04	0.0	8.5	7.98	0.56	8.22	79.17	22.0	0.1	29.9
2025-10-25 05:19:13	2025-10-25 09:20:55	14	LVAG-04	0.0	8.25	8.0	0.56	8.16	79.09	22.0	0.1	29.9
2025-10-25 05:49:08	2025-10-25 09:20:59	14	LVAG-04	0.0	7.75	8.01	0.55	7.57	81.73	22.0	0.1	29.9
2025-10-25 06:19:03	2025-10-25 09:21:03	14	LVAG-04	0.0	7.25	8.0	0.55	6.91	90.46	22.0	0.1	29.9
2025-10-25 06:48:57	2025-10-25 09:21:08	14	LVAG-04	0.0	6.75	8.0	0.55	6.83	87.16	22.0	0.1	29.9
2025-10-25 07:18:52	2025-10-25 09:21:12	14	LVAG-04	0.0	6.5	7.98	0.55	6.52	85.92	22.0	0.1	29.9
2025-10-25 07:48:48	2025-10-25 09:21:24	14	LVAG-04	0.0	6.5	7.98	0.54	7.23	88.74	22.0	0.2	29.9
2025-10-25 08:18:46	2025-10-25 09:21:29	14	LVAG-04	0.0	7.25	8.0	0.54	8.49	84.63	22.0	0.1	30.0
2025-10-25 08:48:44	2025-10-25 09:21:39	14	LVAG-04	0.0	8.75	8.0	0.54	9.94	80.09	22.0	0.2	30.0
2025-10-25 09:18:43	2025-10-25 09:21:48	14	LVAG-04	0.0	10.25	8.0	0.54	11.23	71.2	22.0	0.1	30.0

2025-10-25 09:51:28	2025-10-25 21:21:02	14	LVAG-04	0.0	11.75	7.98	0.54	12.35	68.72	22.0	719.2	32.8
2025-10-25 10:21:26	2025-10-25 21:21:07	14	LVAG-04	0.0	12.75	7.98	0.54	13.29	66.06	22.0	0.1	30.0
2025-10-25 10:51:23	2025-10-25 21:21:11	14	LVAG-04	0.0	14.0	8.0	0.54	14.15	62.2	22.0	0.1	29.9
2025-10-25 11:21:21	2025-10-25 21:21:15	14	LVAG-04	0.0	15.0	7.98	0.53	15.21	60.16	22.0	0.1	30.0
2025-10-25 11:51:19	2025-10-25 21:21:27	14	LVAG-04	0.0	16.0	8.01	0.53	16.31	55.68	22.0	0.2	30.0
2025-10-25 12:21:16	2025-10-25 21:21:43	14	LVAG-04	0.0	17.25	8.01	0.53	17.75	51.86	22.0	0.3	29.9
2025-10-25 12:51:18	2025-10-25 21:21:48	14	LVAG-04	0.0	21.25	8.04	0.53	19.53	46.1	22.0	0.1	30.0
2025-10-25 13:21:21	2025-10-25 21:21:53	14	LVAG-04	0.0	23.75	8.0	0.53	21.4	43.23	22.0	0.1	30.1
2025-10-25 13:51:19	2025-10-25 21:21:57	14	LVAG-04	0.0	25.0	8.05	0.53	22.9	35.11	22.0	0.1	30.0
2025-10-25 14:21:16	2025-10-25 21:22:01	14	LVAG-04	0.0	26.5	8.01	0.52	23.34	34.94	22.0	0.1	29.9
2025-10-25 14:51:16	2025-10-25 21:22:06	14	LVAG-04	0.0	29.5	8.03	0.54	24.76	30.76	22.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 2 (Filas 36-70)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-25 15:21:21	2025-10-25 21:22:10	14	LVAG-04	0.0	34.5	8.05	0.52	26.8	29.19	22.0	0.1	30.1
2025-10-25 15:51:22	2025-10-25 21:22:15	14	LVAG-04	0.0	37.0	8.02	0.53	26.39	28.49	22.0	0.1	30.0
2025-10-25 16:21:22	2025-10-25 21:22:38	14	LVAG-04	0.0	39.75	8.05	0.52	27.39	26.95	22.0	0.4	30.0
2025-10-25 16:51:21	2025-10-25 21:22:39	14	LVAG-04	0.0	42.0	8.05	0.52	27.79	24.97	22.0	0.0	30.0
2025-10-25 17:21:19	2025-10-25 21:22:43	14	LVAG-04	0.0	43.25	8.05	0.52	28.54	30.47	22.0	0.1	30.0
2025-10-25 17:51:13	2025-10-25 21:22:48	14	LVAG-04	0.0	42.75	8.05	0.53	27.35	33.8	22.0	0.1	29.9
2025-10-25 18:21:08	2025-10-25 21:22:53	14	LVAG-04	0.0	42.0	8.03	0.53	25.73	30.19	22.0	0.1	29.9
2025-10-25 18:50:53	2025-10-25 21:22:57	14	LVAG-04	0.0	37.0	8.01	0.53	23.96	32.25	22.0	0.1	29.8
2025-10-25 19:20:42	2025-10-25 21:23:02	14	LVAG-04	0.0	34.25	8.01	0.52	23.92	36.99	22.0	0.1	29.8
2025-10-25 19:50:34	2025-10-25 21:23:06	14	LVAG-04	0.0	30.5	8.0	0.53	21.79	38.48	22.0	0.1	29.9
2025-10-25 20:20:17	2025-10-25 21:23:10	14	LVAG-04	0.0	24.75	8.03	0.53	19.09	53.56	22.0	0.1	29.7
2025-10-25 20:50:04	2025-10-25 21:23:15	14	LVAG-04	0.0	20.5	8.01	0.53	17.12	64.29	22.0	0.1	29.8
2025-10-25 21:19:55	2025-10-25 21:23:19	14	LVAG-04	0.0	18.0	8.01	0.53	15.67	71.49	22.0	0.1	29.9
2025-10-25 21:52:53	2025-10-26 09:22:21	14	LVAG-04	0.0	16.25	7.99	0.52	14.13	70.77	25.0	719.0	33.0
2025-10-25 22:22:46	2025-10-26 09:22:25	14	LVAG-04	0.0	14.75	8.01	0.53	13.55	66.1	25.0	0.1	29.9
2025-10-25 22:52:42	2025-10-26 09:22:30	14	LVAG-04	0.0	13.5	8.01	0.52	12.86	77.67	25.0	0.1	29.9

2025-10-25 23:22:36	2025-10-26 09:22:36	14	LVAG-04	0.0	12.75	8.01	0.53	12.52	75.95	25.0	0.1	29.9
2025-10-25 23:52:32	2025-10-26 09:22:40	14	LVAG-04	0.0	12.25	8.0	0.53	11.47	77.67	25.0	0.1	29.9
2025-10-26 00:22:26	2025-10-26 09:22:45	14	LVAG-04	0.0	11.5	8.0	0.52	11.09	78.57	25.0	0.1	29.9
2025-10-26 00:52:19	2025-10-26 09:22:50	14	LVAG-04	0.0	11.0	8.0	0.52	10.63	78.48	25.0	0.1	29.9
2025-10-26 01:22:14	2025-10-26 09:22:54	14	LVAG-04	0.0	10.5	8.01	0.52	10.11	76.21	25.0	0.1	29.9
2025-10-26 01:52:09	2025-10-26 09:22:58	14	LVAG-04	0.0	10.0	8.0	0.52	9.81	79.14	25.0	0.1	29.9
2025-10-26 02:22:03	2025-10-26 09:23:03	14	LVAG-04	0.0	9.25	8.01	0.52	9.08	79.17	25.0	0.1	29.9
2025-10-26 02:51:57	2025-10-26 09:23:07	14	LVAG-04	0.0	8.75	8.0	0.52	8.76	83.61	25.0	0.1	29.9
2025-10-26 03:21:52	2025-10-26 09:23:12	14	LVAG-04	0.0	8.5	8.01	0.52	8.14	80.34	25.0	0.1	29.9
2025-10-26 03:51:47	2025-10-26 09:23:16	14	LVAG-04	0.0	8.0	8.0	0.52	7.74	82.87	25.0	0.1	29.9
2025-10-26 04:21:42	2025-10-26 09:23:21	14	LVAG-04	0.0	7.5	8.0	0.52	7.56	82.21	25.0	0.1	29.9
2025-10-26 04:51:37	2025-10-26 09:23:25	14	LVAG-04	0.0	7.0	8.0	0.51	7.05	81.71	25.0	0.1	29.9
2025-10-26 05:21:32	2025-10-26 09:23:29	14	LVAG-04	0.0	6.5	7.98	0.51	6.68	84.53	25.0	0.1	29.9
2025-10-26 05:51:28	2025-10-26 09:23:34	14	LVAG-04	0.0	6.5	8.0	0.51	6.6	84.62	25.0	0.1	29.9
2025-10-26 06:21:23	2025-10-26 09:23:39	14	LVAG-04	0.0	6.25	8.0	0.51	6.45	84.43	25.0	0.1	29.9
2025-10-26 06:51:19	2025-10-26 09:23:43	14	LVAG-04	0.0	6.0	8.0	0.51	6.48	86.96	25.0	0.1	29.9
2025-10-26 07:21:15	2025-10-26 09:23:48	14	LVAG-04	0.0	6.0	7.98	0.51	6.53	84.96	25.0	0.1	29.9
2025-10-26 07:51:11	2025-10-26 09:23:52	14	LVAG-04	0.0	6.75	7.99	0.51	7.89	80.46	25.0	0.1	29.9
2025-10-26 08:21:11	2025-10-26 09:23:56	14	LVAG-04	0.0	9.0	7.99	0.5	11.21	67.09	25.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 3 (Filas 71-105)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-26 08:51:12	2025-10-26 09:24:01	14	LVAG-04	0.0	11.0	8.0	0.5	12.82	64.85	25.0	0.1	30.0
2025-10-26 09:21:12	2025-10-26 09:24:06	14	LVAG-04	0.0	13.0	8.0	0.5	14.07	59.99	25.0	0.1	30.0
2025-10-26 09:53:47	2025-10-26 21:23:18	14	LVAG-04	0.0	14.5	7.98	0.5	15.31	60.84	24.0	719.2	32.6
2025-10-26 10:23:45	2025-10-26 21:23:23	14	LVAG-04	0.0	16.0	8.0	0.5	16.63	53.89	24.0	0.1	30.0
2025-10-26 10:53:44	2025-10-26 21:23:27	14	LVAG-04	0.0	17.5	7.98	0.5	18.01	45.46	24.0	0.1	30.0
2025-10-26 11:23:42	2025-10-26 21:23:31	14	LVAG-04	0.0	18.75	8.01	0.5	18.85	43.86	24.0	0.1	30.0
2025-10-26 11:53:40	2025-10-26 21:23:36	14	LVAG-04	0.0	19.75	7.98	0.5	20.15	40.23	24.0	0.1	30.0
2025-10-26 12:23:38	2025-10-26 21:23:40	14	LVAG-04	0.0	21.25	8.0	0.5	21.76	39.72	24.0	0.1	30.0
2025-10-26 12:53:41	2025-10-26 21:23:44	14	LVAG-04	0.0	25.0	8.01	0.49	23.22	41.84	24.0	0.1	30.1
2025-10-26 13:23:44	2025-10-26 21:23:49	14	LVAG-04	0.0	27.75	8.05	0.49	24.55	37.99	24.0	0.1	30.1
2025-10-26 13:53:41	2025-10-26 21:23:53	14	LVAG-04	0.0	28.25	8.02	0.49	24.98	38.28	24.0	0.1	29.9
2025-10-26 14:23:38	2025-10-26 21:23:58	14	LVAG-04	0.0	29.5	7.98	0.5	26.54	34.9	24.0	0.1	29.9
2025-10-26 14:53:39	2025-10-26 21:24:02	14	LVAG-04	0.0	32.5	8.02	0.5	26.43	29.57	24.0	0.1	30.0
2025-10-26 15:23:38	2025-10-26 21:24:06	14	LVAG-04	0.0	34.25	8.04	0.51	26.8	27.13	24.0	0.1	30.0
2025-10-26 15:53:34	2025-10-26 21:24:11	14	LVAG-04	0.0	34.0	8.03	0.5	26.23	27.47	24.0	0.1	29.9
2025-10-26 16:23:30	2025-10-26 21:24:15	14	LVAG-04	0.0	35.0	8.0	0.5	27.2	28.63	24.0	0.1	29.9



2025-10-26 16:53:31	2025-10-26 21:24:19	14	LVAG-04	0.0	38.0	8.01	0.5	29.11	30.22	24.0	0.1	30.0
2025-10-26 17:23:34	2025-10-26 21:24:23	14	LVAG-04	0.0	40.75	8.05	0.5	27.79	31.93	24.0	0.1	30.1
2025-10-26 17:53:27	2025-10-26 21:24:28	14	LVAG-04	0.0	38.5	8.05	0.5	26.42	36.66	24.0	0.1	29.9
2025-10-26 18:23:19	2025-10-26 21:24:32	14	LVAG-04	0.0	36.5	8.05	0.5	25.83	37.61	24.0	0.1	29.9
2025-10-26 18:53:11	2025-10-26 21:24:36	14	LVAG-04	0.0	35.25	8.01	0.5	25.25	39.23	24.0	0.1	29.9
2025-10-26 19:23:02	2025-10-26 21:24:41	14	LVAG-04	0.0	32.75	7.98	0.5	23.74	43.74	24.0	0.1	29.9
2025-10-26 19:52:46	2025-10-26 21:24:45	14	LVAG-04	0.0	27.0	8.01	0.5	21.94	48.82	24.0	0.1	29.7
2025-10-26 20:22:35	2025-10-26 21:24:49	14	LVAG-04	0.0	23.5	8.01	0.5	20.8	55.43	24.0	0.1	29.8
2025-10-26 20:52:26	2025-10-26 21:24:54	14	LVAG-04	0.0	21.5	7.98	0.5	19.89	56.76	24.0	0.1	29.9
2025-10-26 21:22:19	2025-10-26 21:24:58	14	LVAG-04	0.0	20.25	8.01	0.5	18.83	68.12	24.0	0.1	29.9
2025-10-26 21:54:33	2025-10-27 09:23:52	14	LVAG-04	0.0	19.0	8.01	0.5	17.72	67.88	20.0	718.9	32.2
2025-10-26 22:24:27	2025-10-27 09:23:57	14	LVAG-04	0.0	17.75	8.01	0.5	16.72	71.3	20.0	0.1	29.9
2025-10-26 22:54:21	2025-10-27 09:24:02	14	LVAG-04	0.0	16.5	7.99	0.5	15.6	79.24	20.0	0.1	29.9
2025-10-26 23:24:14	2025-10-27 09:24:07	14	LVAG-04	0.0	15.75	8.0	0.5	15.15	75.25	20.0	0.1	29.9
2025-10-26 23:54:09	2025-10-27 09:24:11	14	LVAG-04	0.0	15.25	7.99	0.5	14.61	83.5	20.0	0.1	29.9
2025-10-27 00:24:04	2025-10-27 09:24:16	14	LVAG-04	0.0	14.5	8.0	0.5	14.27	81.62	20.0	0.1	29.9
2025-10-27 00:53:59	2025-10-27 09:24:21	14	LVAG-04	0.0	14.25	8.0	0.5	13.83	83.05	20.0	0.1	29.9
2025-10-27 01:23:53	2025-10-27 09:24:25	14	LVAG-04	0.0	13.75	8.0	0.5	13.54	83.66	20.0	0.1	29.9
2025-10-27 01:53:49	2025-10-27 09:24:30	14	LVAG-04	0.0	13.5	7.99	0.49	13.24	86.33	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 4 (Filas 106-140)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-27 02:23:43	2025-10-27 09:24:34	14	LVAG-04	0.0	13.0	8.0	0.49	12.99	84.21	20.0	0.1	29.9
2025-10-27 02:53:39	2025-10-27 09:24:39	14	LVAG-04	0.0	12.75	8.0	0.49	12.63	87.67	20.0	0.1	29.9
2025-10-27 03:23:35	2025-10-27 09:24:43	14	LVAG-04	0.0	12.25	8.0	0.49	12.12	86.83	20.0	0.1	29.9
2025-10-27 03:53:29	2025-10-27 09:24:48	14	LVAG-04	0.0	12.25	8.0	0.49	12.01	89.0	20.0	0.1	29.9
2025-10-27 04:23:24	2025-10-27 09:24:52	14	LVAG-04	0.0	12.0	7.99	0.49	12.03	88.64	20.0	0.1	29.9
2025-10-27 04:53:19	2025-10-27 09:24:56	14	LVAG-04	0.0	11.75	8.0	0.49	11.77	88.35	20.0	0.1	29.9
2025-10-27 05:23:15	2025-10-27 09:25:01	14	LVAG-04	0.0	11.5	7.99	0.49	11.45	88.23	20.0	0.1	29.9
2025-10-27 05:53:11	2025-10-27 09:25:05	14	LVAG-04	0.0	11.25	8.0	0.49	11.35	90.0	20.0	0.1	29.9
2025-10-27 06:23:07	2025-10-27 09:25:09	14	LVAG-04	0.0	11.25	7.97	0.49	11.24	90.48	20.0	0.1	29.9
2025-10-27 06:53:03	2025-10-27 09:25:14	14	LVAG-04	0.0	11.0	7.98	0.49	11.11	91.03	20.0	0.1	29.9
2025-10-27 07:23:01	2025-10-27 09:25:18	14	LVAG-04	0.0	11.0	7.98	0.48	11.13	93.1	20.0	0.1	30.0
2025-10-27 07:52:58	2025-10-27 09:25:23	14	LVAG-04	0.0	11.25	8.0	0.48	11.79	90.91	20.0	0.1	29.9
2025-10-27 08:22:56	2025-10-27 09:25:27	14	LVAG-04	0.0	12.25	7.98	0.48	12.8	88.6	20.0	0.1	30.0
2025-10-27 08:52:55	2025-10-27 09:25:32	14	LVAG-04	0.0	13.75	7.98	0.48	14.11	84.44	20.0	0.1	30.0
2025-10-27 09:22:54	2025-10-27 09:25:36	14	LVAG-04	0.0	15.5	7.97	0.48	15.18	79.61	20.0	0.1	30.0
2025-10-27 09:55:16	2025-10-27 21:24:28	14	LVAG-04	0.0	17.25	7.98	0.48	16.42	72.42	23.0	718.9	32.4

2025-10-27 10:25:15	2025-10-27 21:24:33	14	LVAG-04	0.0	18.75	7.99	0.48	17.76	66.77	23.0	0.1	30.0
2025-10-27 10:55:15	2025-10-27 21:24:38	14	LVAG-04	0.0	20.5	8.0	0.47	19.06	63.71	23.0	0.1	30.0
2025-10-27 11:25:14	2025-10-27 21:24:43	14	LVAG-04	0.0	21.75	7.99	0.48	19.63	60.89	23.0	0.1	30.0
2025-10-27 11:55:12	2025-10-27 21:24:47	14	LVAG-04	0.0	23.0	8.01	0.47	20.16	57.66	23.0	0.1	30.0
2025-10-27 12:25:09	2025-10-27 21:24:52	14	LVAG-04	0.0	24.0	8.03	0.47	22.05	53.13	23.0	0.1	29.9
2025-10-27 12:55:10	2025-10-27 21:24:57	14	LVAG-04	0.0	26.25	8.0	0.48	22.78	59.5	23.0	0.1	30.0
2025-10-27 13:25:08	2025-10-27 21:25:01	14	LVAG-04	0.0	26.5	8.01	0.47	21.77	57.07	23.0	0.1	30.0
2025-10-27 13:55:01	2025-10-27 21:25:05	14	LVAG-04	0.0	25.25	8.02	0.47	21.43	54.97	23.0	0.1	29.9
2025-10-27 14:24:55	2025-10-27 21:25:10	14	LVAG-04	0.0	25.0	8.03	0.46	22.53	56.02	23.0	0.1	29.9
2025-10-27 14:54:59	2025-10-27 21:25:15	14	LVAG-04	0.0	29.75	8.0	0.47	24.68	44.89	23.0	0.1	30.1
2025-10-27 15:25:05	2025-10-27 21:25:20	14	LVAG-04	0.0	35.25	8.02	0.45	27.8	36.48	23.0	0.1	30.1
2025-10-27 15:55:07	2025-10-27 21:25:24	14	LVAG-04	0.0	37.5	8.03	0.47	25.89	39.06	23.0	0.1	30.0
2025-10-27 16:24:59	2025-10-27 21:25:28	14	LVAG-04	0.0	36.75	8.04	0.46	25.79	39.66	23.0	0.1	29.9
2025-10-27 16:54:52	2025-10-27 21:25:33	14	LVAG-04	0.0	35.0	7.98	0.46	25.16	48.62	23.0	0.1	29.9
2025-10-27 17:24:41	2025-10-27 21:25:37	14	LVAG-04	0.0	31.5	7.94	0.46	23.38	47.41	23.0	0.1	29.8
2025-10-27 17:54:28	2025-10-27 21:25:41	14	LVAG-04	0.0	27.5	8.0	0.46	22.82	46.4	23.0	0.1	29.8
2025-10-27 18:24:23	2025-10-27 21:25:46	14	LVAG-04	0.0	26.75	8.0	0.46	21.54	50.33	23.0	0.1	29.9
2025-10-27 18:54:14	2025-10-27 21:25:50	14	LVAG-04	0.0	23.75	7.98	0.46	20.17	54.35	23.0	0.1	29.9
2025-10-27 19:24:05	2025-10-27 21:25:55	14	LVAG-04	0.0	21.75	8.0	0.46	19.48	51.62	23.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 5 (Filas 141-175)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-27 19:54:00	2025-10-27 21:26:00	14	LVAG-04	0.0	21.5	7.98	0.46	19.11	54.33	23.0	0.1	29.9
2025-10-27 20:23:53	2025-10-27 21:26:04	14	LVAG-04	0.0	20.0	7.98	0.46	18.11	54.22	23.0	0.1	29.9
2025-10-27 20:53:45	2025-10-27 21:26:09	14	LVAG-04	0.0	18.75	7.99	0.46	17.35	56.2	23.0	0.1	29.9
2025-10-27 21:23:39	2025-10-27 21:26:13	14	LVAG-04	0.0	17.75	7.99	0.46	16.79	60.94	23.0	0.1	29.9
2025-10-27 21:55:47	2025-10-28 09:25:09	14	LVAG-04	0.0	17.0	7.98	0.46	15.89	63.51	22.0	718.9	32.1
2025-10-27 22:25:42	2025-10-28 09:25:14	14	LVAG-04	0.0	16.0	7.98	0.46	15.23	66.71	22.0	0.1	29.9
2025-10-27 22:55:36	2025-10-28 09:25:19	14	LVAG-04	0.0	15.25	7.99	0.46	14.49	70.13	22.0	0.1	29.9
2025-10-27 23:25:30	2025-10-28 09:25:23	14	LVAG-04	0.0	14.25	8.0	0.46	13.57	73.91	22.0	0.1	29.9
2025-10-27 23:55:24	2025-10-28 09:25:28	14	LVAG-04	0.0	13.25	7.98	0.47	12.8	77.21	22.0	0.1	29.9
2025-10-28 00:25:18	2025-10-28 09:25:33	14	LVAG-04	0.0	12.5	7.99	0.47	12.08	78.25	22.0	0.1	29.9
2025-10-28 00:55:12	2025-10-28 09:25:37	14	LVAG-04	0.0	12.0	7.98	0.47	11.62	83.9	22.0	0.1	29.9
2025-10-28 01:25:07	2025-10-28 09:25:42	14	LVAG-04	0.0	11.25	7.98	0.48	11.01	81.19	22.0	0.1	29.9
2025-10-28 01:55:01	2025-10-28 09:25:46	14	LVAG-04	0.0	10.75	7.98	0.48	10.6	83.45	22.0	0.1	29.9
2025-10-28 02:24:55	2025-10-28 09:25:51	14	LVAG-04	0.0	10.25	7.98	0.48	10.08	87.29	22.0	0.1	29.9
2025-10-28 02:54:50	2025-10-28 09:25:55	14	LVAG-04	0.0	10.0	7.96	0.49	9.7	87.89	22.0	0.1	29.9
2025-10-28 03:24:45	2025-10-28 09:26:00	14	LVAG-04	0.0	9.5	7.96	0.49	9.45	91.14	22.0	0.1	29.9

2025-10-28 03:54:40	2025-10-28 09:26:05	14	LVAG-04	0.0	9.25	7.98	0.49	9.33	91.26	22.0	0.1	29.9
2025-10-28 04:24:35	2025-10-28 09:26:09	14	LVAG-04	0.0	9.0	7.97	0.49	9.02	90.49	22.0	0.1	29.9
2025-10-28 04:54:31	2025-10-28 09:26:13	14	LVAG-04	0.0	8.75	7.97	0.5	8.92	90.14	22.0	0.1	29.9
2025-10-28 05:24:26	2025-10-28 09:26:18	14	LVAG-04	0.0	8.5	7.97	0.5	8.52	92.4	22.0	0.1	29.9
2025-10-28 05:54:21	2025-10-28 09:26:23	14	LVAG-04	0.0	8.25	7.94	0.5	8.09	94.07	22.0	0.1	29.9
2025-10-28 06:24:16	2025-10-28 09:26:27	14	LVAG-04	0.0	8.0	7.98	0.5	8.16	93.5	22.0	0.1	29.9
2025-10-28 06:54:12	2025-10-28 09:26:32	14	LVAG-04	0.0	7.75	7.97	0.51	7.98	91.32	22.0	0.1	29.9
2025-10-28 07:24:08	2025-10-28 09:26:36	14	LVAG-04	0.0	7.75	7.95	0.51	7.93	92.77	22.0	0.1	29.9
2025-10-28 07:54:05	2025-10-28 09:26:41	14	LVAG-04	0.0	8.0	7.98	0.51	8.82	94.16	22.0	0.1	29.9
2025-10-28 08:24:02	2025-10-28 09:26:45	14	LVAG-04	0.0	9.0	7.98	0.51	10.1	93.21	22.0	0.1	29.9
2025-10-28 08:54:01	2025-10-28 09:26:50	14	LVAG-04	0.0	10.75	7.98	0.52	12.12	86.73	22.0	0.1	30.0
2025-10-28 09:24:01	2025-10-28 09:26:54	14	LVAG-04	0.0	12.5	7.95	0.52	14.02	76.36	22.0	0.1	30.0
2025-10-28 09:56:36	2025-10-28 21:25:52	14	LVAG-04	0.0	15.0	7.98	0.52	15.77	72.84	24.0	719.0	32.6
2025-10-28 10:26:35	2025-10-28 21:25:57	14	LVAG-04	0.0	16.25	7.98	0.52	17.06	65.81	24.0	0.1	30.0
2025-10-28 10:56:33	2025-10-28 21:26:02	14	LVAG-04	0.0	17.75	7.98	0.52	18.51	60.1	24.0	0.1	30.0
2025-10-28 11:26:31	2025-10-28 21:26:07	14	LVAG-04	0.0	19.25	7.98	0.52	19.94	55.4	24.0	0.1	30.0
2025-10-28 11:56:30	2025-10-28 21:26:11	14	LVAG-04	0.0	20.5	7.98	0.52	21.08	55.36	24.0	0.1	30.0
2025-10-28 12:26:29	2025-10-28 21:26:16	14	LVAG-04	0.0	22.25	7.98	0.51	22.84	54.3	24.0	0.1	30.0
2025-10-28 12:56:33	2025-10-28 21:26:21	14	LVAG-04	0.0	27.0	8.03	0.51	24.8	49.67	24.0	0.1	30.1

## ■ DATOS COMPLETOS - Página 6 (Filas 176-210)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-28 13:26:33	2025-10-28 21:26:25	14	LVAG-04	0.0	29.25	7.99	0.51	25.8	49.81	24.0	0.1	30.0
2025-10-28 13:56:27	2025-10-28 21:26:29	14	LVAG-04	0.0	29.0	7.98	0.51	26.03	42.92	24.0	0.1	29.9
2025-10-28 14:26:23	2025-10-28 21:26:34	14	LVAG-04	0.0	29.75	7.98	0.52	26.37	41.44	24.0	0.1	29.9
2025-10-28 14:56:23	2025-10-28 21:26:39	14	LVAG-04	0.0	32.25	8.01	0.52	27.16	37.63	24.0	0.1	30.0
2025-10-28 15:26:24	2025-10-28 21:26:43	14	LVAG-04	0.0	35.25	8.01	0.52	27.07	37.58	24.0	0.1	30.0
2025-10-28 15:56:23	2025-10-28 21:26:48	14	LVAG-04	0.0	37.0	8.0	0.52	28.27	33.01	24.0	0.1	30.0
2025-10-28 16:26:25	2025-10-28 21:26:52	14	LVAG-04	0.0	39.0	8.02	0.52	27.49	39.05	24.0	0.1	30.0
2025-10-28 16:56:17	2025-10-28 21:26:56	14	LVAG-04	0.0	37.75	8.01	0.52	27.33	38.5	24.0	0.1	29.9
2025-10-28 17:26:12	2025-10-28 21:27:01	14	LVAG-04	0.0	37.5	8.01	0.52	27.26	38.59	24.0	0.1	29.9
2025-10-28 17:56:07	2025-10-28 21:27:05	14	LVAG-04	0.0	37.75	8.01	0.51	27.83	39.2	24.0	0.1	29.9
2025-10-28 18:26:07	2025-10-28 21:27:10	14	LVAG-04	0.0	41.0	8.01	0.53	28.27	39.6	24.0	0.1	30.0
2025-10-28 18:56:02	2025-10-28 21:27:14	14	LVAG-04	0.0	39.5	7.99	0.53	26.27	39.66	24.0	0.1	29.9
2025-10-28 19:25:55	2025-10-28 21:27:19	14	LVAG-04	0.0	39.25	7.98	0.53	27.63	39.23	24.0	0.1	29.9
2025-10-28 19:55:45	2025-10-28 21:27:23	14	LVAG-04	0.0	34.0	7.97	0.52	23.61	46.86	24.0	0.1	29.8
2025-10-28 20:25:26	2025-10-28 21:27:28	14	LVAG-04	0.0	27.0	7.99	0.52	21.36	53.75	24.0	0.1	29.7
2025-10-28 20:55:14	2025-10-28 21:27:32	14	LVAG-04	0.0	23.0	7.97	0.53	19.35	61.4	24.0	0.1	29.8

2025-10-28 21:25:04	2025-10-28 21:27:37	14	LVAG-04	0.0	20.5	7.98	0.53	17.92	70.23	24.0	0.1	29.8
2025-10-28 21:57:09	2025-10-29 09:26:35	14	LVAG-04	0.0	18.75	8.0	0.53	17.01	69.97	24.0	719.0	32.1
2025-10-28 22:27:03	2025-10-29 09:26:40	14	LVAG-04	0.0	17.5	7.99	0.53	16.37	70.66	24.0	0.1	29.9
2025-10-28 22:56:57	2025-10-29 09:26:44	14	LVAG-04	0.0	16.5	7.96	0.53	15.62	76.83	24.0	0.1	29.9
2025-10-28 23:26:51	2025-10-29 09:26:49	14	LVAG-04	0.0	15.5	7.99	0.53	15.17	74.52	24.0	0.1	29.9
2025-10-28 23:56:46	2025-10-29 09:26:53	14	LVAG-04	0.0	15.0	7.97	0.53	14.64	75.33	24.0	0.1	29.9
2025-10-29 00:26:40	2025-10-29 09:26:58	14	LVAG-04	0.0	14.5	7.98	0.53	14.03	77.74	24.0	0.1	29.9
2025-10-29 00:56:34	2025-10-29 09:27:03	14	LVAG-04	0.0	13.75	7.97	0.52	13.5	79.77	24.0	0.1	29.9
2025-10-29 01:26:29	2025-10-29 09:27:07	14	LVAG-04	0.0	13.25	7.99	0.52	12.99	82.5	24.0	0.1	29.9
2025-10-29 01:56:24	2025-10-29 09:27:11	14	LVAG-04	0.0	12.75	7.97	0.52	12.63	84.68	24.0	0.1	29.9
2025-10-29 02:26:19	2025-10-29 09:27:16	14	LVAG-04	0.0	12.25	7.95	0.52	12.2	86.91	24.0	0.1	29.9
2025-10-29 02:56:14	2025-10-29 09:27:20	14	LVAG-04	0.0	12.0	7.98	0.52	11.84	86.59	24.0	0.1	29.9
2025-10-29 03:26:10	2025-10-29 09:27:25	14	LVAG-04	0.0	11.5	7.98	0.53	11.25	87.98	24.0	0.1	29.9
2025-10-29 03:56:05	2025-10-29 09:27:30	14	LVAG-04	0.0	11.0	7.98	0.53	11.06	89.06	24.0	0.1	29.9
2025-10-29 04:26:01	2025-10-29 09:27:34	14	LVAG-04	0.0	10.75	7.98	0.53	10.73	87.14	24.0	0.1	29.9
2025-10-29 04:55:56	2025-10-29 09:27:38	14	LVAG-04	0.0	10.5	7.97	0.53	10.45	87.88	24.0	0.1	29.9
2025-10-29 05:25:51	2025-10-29 09:27:43	14	LVAG-04	0.0	10.0	7.98	0.53	10.27	90.07	24.0	0.1	29.9
2025-10-29 05:55:46	2025-10-29 09:27:47	14	LVAG-04	0.0	10.0	7.97	0.54	9.67	91.71	24.0	0.1	29.9
2025-10-29 06:25:41	2025-10-29 09:27:51	14	LVAG-04	0.0	9.5	7.97	0.54	9.75	92.03	24.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 7 (Filas 211-245)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-29 06:55:36	2025-10-29 09:27:56	14	LVAG-04	0.0	9.25	7.95	0.54	9.74	94.47	24.0	0.1	29.9
2025-10-29 07:25:33	2025-10-29 09:28:00	14	LVAG-04	0.0	9.5	7.96	0.54	9.83	92.22	24.0	0.1	29.9
2025-10-29 07:55:29	2025-10-29 09:28:05	14	LVAG-04	0.0	10.0	7.98	0.54	10.81	93.06	24.0	0.1	29.9
2025-10-29 08:25:27	2025-10-29 09:28:09	14	LVAG-04	0.0	11.25	7.97	0.54	12.6	91.97	24.0	0.1	30.0
2025-10-29 08:55:26	2025-10-29 09:28:14	14	LVAG-04	0.0	13.0	7.98	0.54	14.85	84.94	24.0	0.1	30.0
2025-10-29 09:25:26	2025-10-29 09:28:18	14	LVAG-04	0.0	15.0	7.98	0.54	16.65	73.33	24.0	0.1	30.0
2025-10-29 09:58:00	2025-10-29 21:27:24	14	LVAG-04	0.0	17.5	7.99	0.55	18.39	66.39	22.0	719.1	32.6
2025-10-29 10:27:59	2025-10-29 21:27:30	14	LVAG-04	0.0	19.0	7.98	0.55	19.38	64.62	22.0	0.1	30.0
2025-10-29 10:57:56	2025-10-29 21:27:35	14	LVAG-04	0.0	20.5	7.98	0.55	20.59	65.15	22.0	0.1	29.9
2025-10-29 11:27:55	2025-10-29 21:27:42	14	LVAG-04	0.0	22.0	7.95	0.55	21.98	59.5	22.0	0.1	30.0
2025-10-29 11:57:54	2025-10-29 21:27:46	14	LVAG-04	0.0	23.25	7.98	0.56	22.66	52.48	22.0	0.1	30.0
2025-10-29 12:27:52	2025-10-29 21:27:51	14	LVAG-04	0.0	24.5	7.98	0.55	24.25	53.86	22.0	0.1	30.0
2025-10-29 12:57:56	2025-10-29 21:27:56	14	LVAG-04	0.0	28.75	7.93	0.57	26.0	44.44	22.0	0.1	30.1
2025-10-29 13:27:53	2025-10-29 21:28:00	14	LVAG-04	0.0	29.0	7.95	0.56	25.3	48.8	22.0	0.1	29.9
2025-10-29 13:57:47	2025-10-29 21:28:05	14	LVAG-04	0.0	29.0	7.96	0.56	26.78	44.12	22.0	0.1	29.9
2025-10-29 14:27:46	2025-10-29 21:28:10	14	LVAG-04	0.0	30.5	8.01	0.56	26.89	47.35	22.0	0.1	30.0



2025-10-29 14:57:45	2025-10-29 21:28:15	14	LVAG-04	0.0	31.75	8.0	0.55	26.58	49.08	22.0	0.1	30.0
2025-10-29 15:27:46	2025-10-29 21:28:19	14	LVAG-04	0.0	34.25	7.99	0.56	27.29	42.72	22.0	0.1	30.0
2025-10-29 15:57:42	2025-10-29 21:28:24	14	LVAG-04	0.0	34.25	8.0	0.56	26.47	47.53	22.0	0.1	29.9
2025-10-29 16:27:38	2025-10-29 21:28:28	14	LVAG-04	0.0	35.75	7.98	0.56	27.64	42.28	22.0	0.1	29.9
2025-10-29 16:57:38	2025-10-29 21:28:32	14	LVAG-04	0.0	37.75	8.0	0.56	27.75	40.4	22.0	0.1	30.0
2025-10-29 17:27:34	2025-10-29 21:28:39	14	LVAG-04	0.0	37.75	8.01	0.56	26.3	46.57	22.0	0.1	29.9
2025-10-29 17:57:28	2025-10-29 21:28:45	14	LVAG-04	0.0	37.25	7.99	0.56	25.98	43.8	22.0	0.1	29.9
2025-10-29 18:27:22	2025-10-29 21:28:50	14	LVAG-04	0.0	36.25	8.0	0.56	25.63	43.66	22.0	0.1	29.9
2025-10-29 18:57:16	2025-10-29 21:28:55	14	LVAG-04	0.0	34.75	7.98	0.56	24.07	42.45	22.0	0.1	29.9
2025-10-29 19:27:04	2025-10-29 21:29:01	14	LVAG-04	0.0	31.5	7.88	0.56	22.5	41.87	22.0	0.1	29.8
2025-10-29 19:56:50	2025-10-29 21:29:05	14	LVAG-04	0.0	26.5	8.01	0.55	21.38	42.22	22.0	0.1	29.8
2025-10-29 20:26:38	2025-10-29 21:29:09	14	LVAG-04	0.0	23.0	8.01	0.55	21.1	42.04	22.0	0.1	29.8
2025-10-29 20:56:32	2025-10-29 21:29:14	14	LVAG-04	0.0	21.75	8.0	0.55	20.83	37.33	22.0	0.1	29.9
2025-10-29 21:26:26	2025-10-29 21:29:19	14	LVAG-04	0.0	20.75	8.0	0.56	19.47	42.21	22.0	0.1	29.9
2025-10-29 21:58:53	2025-10-30 09:27:51	14	LVAG-04	0.0	19.75	8.0	0.56	17.97	57.1	22.0	718.5	32.5
2025-10-29 22:28:45	2025-10-30 09:27:56	14	LVAG-04	0.0	18.25	7.98	0.56	16.92	61.2	22.0	0.1	29.9
2025-10-29 22:58:38	2025-10-30 09:28:01	14	LVAG-04	0.0	17.0	8.0	0.56	16.03	63.2	22.0	0.1	29.9
2025-10-29 23:28:32	2025-10-30 09:28:06	14	LVAG-04	0.0	16.0	7.99	0.56	15.33	69.08	22.0	0.1	29.9
2025-10-29 23:58:25	2025-10-30 09:28:11	14	LVAG-04	0.0	15.25	8.0	0.56	14.66	73.59	22.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 8 (Filas 246-280)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-30 00:28:20	2025-10-30 09:28:15	14	LVAG-04	0.0	14.5	7.98	0.56	13.98	73.41	22.0	0.1	29.9
2025-10-30 00:58:14	2025-10-30 09:28:20	14	LVAG-04	0.0	14.0	7.99	0.56	13.78	75.27	22.0	0.1	29.9
2025-10-30 01:28:09	2025-10-30 09:28:24	14	LVAG-04	0.0	13.5	7.99	0.57	12.97	73.01	22.0	0.1	29.9
2025-10-30 01:58:02	2025-10-30 09:28:29	14	LVAG-04	0.0	12.75	7.99	0.57	12.55	75.51	22.0	0.1	29.9
2025-10-30 02:27:56	2025-10-30 09:28:34	14	LVAG-04	0.0	12.25	8.0	0.57	12.14	77.36	22.0	0.1	29.9
2025-10-30 02:57:51	2025-10-30 09:28:38	14	LVAG-04	0.0	11.75	7.99	0.57	11.8	78.76	22.0	0.1	29.9
2025-10-30 03:27:46	2025-10-30 09:28:43	14	LVAG-04	0.0	11.5	7.99	0.57	10.81	86.26	22.0	0.1	29.9
2025-10-30 03:57:40	2025-10-30 09:28:47	14	LVAG-04	0.0	10.75	7.99	0.57	10.46	79.2	22.0	0.1	29.9
2025-10-30 04:27:36	2025-10-30 09:28:52	14	LVAG-04	0.0	10.25	7.98	0.57	10.13	81.32	22.0	0.1	29.9
2025-10-30 04:57:31	2025-10-30 09:28:56	14	LVAG-04	0.0	10.0	7.99	0.57	9.74	81.42	22.0	0.1	29.9
2025-10-30 05:27:25	2025-10-30 09:29:01	14	LVAG-04	0.0	9.5	7.99	0.57	9.34	84.38	22.0	0.1	29.9
2025-10-30 05:57:20	2025-10-30 09:29:05	14	LVAG-04	0.0	9.0	7.98	0.57	9.16	84.0	22.0	0.1	29.9
2025-10-30 06:27:16	2025-10-30 09:29:10	14	LVAG-04	0.0	8.75	7.97	0.57	8.6	85.38	22.0	0.1	29.9
2025-10-30 06:57:12	2025-10-30 09:29:14	14	LVAG-04	0.0	8.25	7.98	0.57	8.52	85.57	22.0	0.1	29.9
2025-10-30 07:27:06	2025-10-30 09:29:19	14	LVAG-04	0.0	8.25	7.98	0.57	8.6	85.49	22.0	0.1	29.9
2025-10-30 07:57:03	2025-10-30 09:29:23	14	LVAG-04	0.0	8.75	7.99	0.57	9.72	87.17	22.0	0.1	29.9

2025-10-30 08:27:02	2025-10-30 09:29:27	14	LVAG-04	0.0	10.0	7.99	0.57	11.96	79.65	22.0	0.1	30.0
2025-10-30 08:57:03	2025-10-30 09:29:32	14	LVAG-04	0.0	12.25	7.99	0.57	13.84	71.16	22.0	0.1	30.0
2025-10-30 09:27:03	2025-10-30 09:29:36	14	LVAG-04	0.0	14.25	7.99	0.57	15.74	65.21	22.0	0.1	30.0
2025-10-30 09:59:17	2025-10-30 21:29:22	14	LVAG-04	0.0	16.5	7.98	0.57	17.5	63.5	17.0	719.8	32.2
2025-10-30 10:29:16	2025-10-30 21:29:27	14	LVAG-04	0.0	18.0	8.0	0.58	18.88	53.76	17.0	0.1	30.0
2025-10-30 10:59:15	2025-10-30 21:29:31	14	LVAG-04	0.0	19.5	8.0	0.58	20.09	53.81	17.0	0.1	30.0
2025-10-30 11:29:13	2025-10-30 21:29:36	14	LVAG-04	0.0	20.75	7.99	0.57	21.18	47.1	17.0	0.1	30.0
2025-10-30 11:59:12	2025-10-30 21:29:41	14	LVAG-04	0.0	22.0	7.99	0.57	22.64	48.28	17.0	0.1	30.0
2025-10-30 12:29:11	2025-10-30 21:29:46	14	LVAG-04	0.0	24.0	8.0	0.57	24.55	42.78	17.0	0.1	30.0
2025-10-30 12:59:16	2025-10-30 21:29:51	14	LVAG-04	0.0	29.0	8.01	0.58	25.93	40.74	17.0	0.1	30.1
2025-10-30 13:29:13	2025-10-30 21:29:56	14	LVAG-04	0.0	29.5	7.92	0.57	26.85	38.01	17.0	0.1	29.9
2025-10-30 13:59:10	2025-10-30 21:30:00	14	LVAG-04	0.0	30.25	7.99	0.56	27.41	39.16	17.0	0.1	29.9
2025-10-30 14:29:07	2025-10-30 21:30:05	14	LVAG-04	0.0	31.75	8.03	0.55	29.01	34.11	17.0	0.1	29.9
2025-10-30 14:59:09	2025-10-30 21:30:09	14	LVAG-04	0.0	34.75	8.02	0.56	28.34	32.95	17.0	0.1	30.0
2025-10-30 15:29:09	2025-10-30 21:30:14	14	LVAG-04	0.0	37.25	8.03	0.56	29.94	32.52	17.0	0.1	30.0
2025-10-30 15:59:11	2025-10-30 21:30:19	14	LVAG-04	0.0	39.75	8.03	0.55	28.72	40.38	17.0	0.1	30.0
2025-10-30 16:29:09	2025-10-30 21:30:24	14	LVAG-04	0.0	41.25	8.04	0.55	29.07	32.48	17.0	0.1	30.0
2025-10-30 16:59:03	2025-10-30 21:30:29	14	LVAG-04	0.0	39.5	8.03	0.55	27.87	35.11	17.0	0.1	29.9
2025-10-30 17:28:55	2025-10-30 21:30:33	14	LVAG-04	0.0	38.25	8.03	0.55	27.46	37.68	17.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 9 (Filas 281-315)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-30 17:58:48	2025-10-30 21:30:38	14	LVAG-04	0.0	37.25	8.0	0.55	25.97	37.56	17.0	0.1	29.9
2025-10-30 18:28:43	2025-10-30 21:30:43	14	LVAG-04	0.0	37.25	8.01	0.55	25.25	38.23	17.0	0.1	29.9
2025-10-30 18:58:32	2025-10-30 21:30:47	14	LVAG-04	0.0	33.5	8.01	0.55	23.91	45.26	17.0	0.1	29.8
2025-10-30 19:28:25	2025-10-30 21:30:52	14	LVAG-04	0.0	32.5	8.0	0.54	23.77	43.21	17.0	0.1	29.9
2025-10-30 19:58:15	2025-10-30 21:30:57	14	LVAG-04	0.0	28.25	8.0	0.54	20.96	48.93	17.0	0.1	29.8
2025-10-30 20:28:00	2025-10-30 21:31:02	14	LVAG-04	0.0	23.25	8.0	0.54	19.29	51.26	17.0	0.1	29.8
2025-10-30 20:57:50	2025-10-30 21:31:07	14	LVAG-04	0.0	20.75	8.0	0.54	18.32	54.85	17.0	0.1	29.8
2025-10-30 21:27:44	2025-10-30 21:31:11	14	LVAG-04	0.0	19.25	7.97	0.54	18.23	55.48	17.0	0.1	29.9
2025-10-30 22:00:44	2025-10-31 09:30:02	14	LVAG-04	0.0	18.25	7.99	0.54	17.09	59.04	18.0	718.9	33.0
2025-10-31 10:05:01	2025-10-31 21:04:18	14	LVAG-04	0.0	14.75	7.97	0.57	14.39	72.05	24.0	694.3	724.3
2025-10-31 10:34:59	2025-10-31 21:04:23	14	LVAG-04	0.0	15.5	7.98	0.57	15.89	68.08	24.0	0.1	30.0
2025-10-31 11:04:57	2025-10-31 21:04:27	14	LVAG-04	0.0	17.0	8.0	0.57	17.01	68.58	24.0	0.1	30.0
2025-10-31 11:34:55	2025-10-31 21:04:32	14	LVAG-04	0.0	18.0	8.0	0.57	18.11	64.79	24.0	0.1	30.0
2025-10-31 12:04:53	2025-10-31 21:04:36	14	LVAG-04	0.0	19.25	7.99	0.57	19.32	55.64	24.0	0.1	30.0
2025-10-31 12:34:52	2025-10-31 21:04:40	14	LVAG-04	0.0	21.5	7.99	0.57	20.43	49.75	24.0	0.1	30.0
2025-10-31 13:04:54	2025-10-31 21:04:45	14	LVAG-04	0.0	24.0	8.01	0.57	20.9	46.36	24.0	0.1	30.0

2025-10-31 13:34:50	2025-10-31 21:04:49	14	LVAG-04	0.0	24.75	8.03	0.57	21.2	44.53	24.0	0.1	29.9
2025-10-31 14:04:47	2025-10-31 21:04:53	14	LVAG-04	0.0	25.25	7.99	0.56	22.32	46.55	24.0	0.1	29.9
2025-10-31 14:34:47	2025-10-31 21:04:58	14	LVAG-04	0.0	28.0	8.03	0.56	23.86	32.19	24.0	0.1	30.0
2025-10-31 15:04:46	2025-10-31 21:05:02	14	LVAG-04	0.0	30.0	8.0	0.57	24.56	35.32	24.0	0.1	30.0
2025-10-31 15:34:41	2025-10-31 21:05:06	14	LVAG-04	0.0	28.0	8.04	0.56	21.57	44.26	24.0	0.1	29.9
2025-10-31 16:04:33	2025-10-31 21:05:10	14	LVAG-04	0.0	26.25	8.03	0.56	21.26	48.95	24.0	0.1	29.9
2025-10-31 16:34:27	2025-10-31 21:05:15	14	LVAG-04	0.0	25.0	8.03	0.57	20.54	48.81	24.0	0.1	29.9
2025-10-31 17:04:22	2025-10-31 21:05:19	14	LVAG-04	0.0	24.25	8.01	0.57	19.97	49.37	24.0	0.1	29.9
2025-10-31 17:34:15	2025-10-31 21:05:23	14	LVAG-04	0.0	23.0	7.99	0.56	19.4	54.62	24.0	0.1	29.9
2025-10-31 18:04:07	2025-10-31 21:05:27	14	LVAG-04	0.0	21.0	8.0	0.57	18.17	58.31	24.0	0.1	29.9
2025-10-31 18:34:00	2025-10-31 21:05:32	14	LVAG-04	0.0	19.25	7.99	0.57	17.07	62.16	24.0	0.1	29.9
2025-10-31 19:03:54	2025-10-31 21:05:36	14	LVAG-04	0.0	17.75	7.99	0.57	15.76	63.5	24.0	0.1	29.9
2025-10-31 19:33:47	2025-10-31 21:05:40	14	LVAG-04	0.0	16.5	7.98	0.57	15.11	65.92	24.0	0.1	29.9
2025-10-31 20:03:40	2025-10-31 21:05:44	14	LVAG-04	0.0	15.5	7.97	0.57	14.49	68.36	24.0	0.1	29.9
2025-10-31 20:33:35	2025-10-31 21:05:48	14	LVAG-04	0.0	15.0	8.0	0.57	14.64	72.83	24.0	0.1	29.9
2025-10-31 21:03:30	2025-10-31 21:05:53	14	LVAG-04	0.0	14.75	7.99	0.57	14.37	71.87	24.0	0.1	29.9
2025-10-31 21:35:28	2025-11-01 09:04:38	14	LVAG-04	0.0	14.5	7.97	0.57	14.06	69.65	23.0	718.8	32.0
2025-10-31 22:05:23	2025-11-01 09:04:42	14	LVAG-04	0.0	14.0	7.97	0.57	13.65	71.67	23.0	0.1	29.9
2025-10-31 22:35:18	2025-11-01 09:04:46	14	LVAG-04	0.0	13.75	7.97	0.57	13.41	72.64	23.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 10 (Filas 316-350)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-10-31 23:05:14	2025-11-01 09:04:50	14	LVAG-04	0.0	13.5	7.99	0.57	13.13	74.44	23.0	0.1	29.9
2025-10-31 23:35:09	2025-11-01 09:04:54	14	LVAG-04	0.0	12.75	7.97	0.57	12.05	75.59	23.0	0.1	29.9
2025-11-01 00:05:04	2025-11-01 09:04:59	14	LVAG-04	0.0	12.25	7.98	0.57	11.54	77.96	23.0	0.1	29.9
2025-11-01 00:34:57	2025-11-01 09:05:03	14	LVAG-04	0.0	11.5	7.98	0.57	11.34	79.44	23.0	0.1	29.9
2025-11-01 01:04:52	2025-11-01 09:05:07	14	LVAG-04	0.0	11.0	7.99	0.57	10.71	85.25	23.0	0.1	29.9
2025-11-01 01:34:47	2025-11-01 09:05:11	14	LVAG-04	0.0	10.25	7.98	0.57	9.87	90.28	23.0	0.1	29.9
2025-11-01 02:04:42	2025-11-01 09:05:16	14	LVAG-04	0.0	9.75	7.99	0.58	9.58	86.05	23.0	0.1	29.9
2025-11-01 02:34:36	2025-11-01 09:05:20	14	LVAG-04	0.0	9.5	7.98	0.58	9.41	89.29	23.0	0.1	29.9
2025-11-01 03:04:31	2025-11-01 09:05:24	14	LVAG-04	0.0	9.0	7.98	0.58	9.12	91.84	23.0	0.1	29.9
2025-11-01 03:34:27	2025-11-01 09:05:29	14	LVAG-04	0.0	9.0	7.98	0.58	9.37	92.59	23.0	0.1	29.9
2025-11-01 04:04:24	2025-11-01 09:05:33	14	LVAG-04	0.0	9.25	7.98	0.58	9.7	88.83	23.0	0.1	29.9
2025-11-01 04:34:21	2025-11-01 09:05:37	14	LVAG-04	0.0	9.5	7.98	0.58	9.9	89.56	23.0	0.1	29.9
2025-11-01 05:04:18	2025-11-01 09:05:41	14	LVAG-04	0.0	9.75	7.96	0.58	10.06	86.43	23.0	0.1	29.9
2025-11-01 05:34:15	2025-11-01 09:05:46	14	LVAG-04	0.0	9.75	7.97	0.58	9.37	87.88	23.0	0.1	29.9
2025-11-01 06:04:11	2025-11-01 09:05:50	14	LVAG-04	0.0	9.0	7.97	0.58	8.78	89.31	23.0	0.1	29.9
2025-11-01 06:34:05	2025-11-01 09:05:54	14	LVAG-04	0.0	8.25	7.98	0.58	7.93	91.3	23.0	0.1	29.9

2025-11-01 07:04:00	2025-11-01 09:05:58	14	LVAG-04	0.0	8.0	7.97	0.58	7.77	92.12	23.0	0.1	29.9
2025-11-01 07:33:54	2025-11-01 09:06:03	14	LVAG-04	0.0	7.75	7.98	0.58	8.06	91.73	23.0	0.1	29.9
2025-11-01 08:03:50	2025-11-01 09:06:07	14	LVAG-04	0.0	8.25	7.98	0.58	9.34	93.59	23.0	0.1	29.9
2025-11-01 08:33:49	2025-11-01 09:06:11	14	LVAG-04	0.0	9.75	7.99	0.58	11.0	87.69	23.0	0.1	30.0
2025-11-01 09:03:49	2025-11-01 09:06:15	14	LVAG-04	0.0	11.25	7.97	0.58	12.37	79.98	23.0	0.1	30.0
2025-11-01 09:35:55	2025-11-01 21:05:20	14	LVAG-04	0.0	13.0	7.99	0.58	13.92	73.81	21.0	719.1	32.1
2025-11-01 10:05:55	2025-11-01 21:05:24	14	LVAG-04	0.0	14.75	7.98	0.58	15.42	71.11	21.0	0.1	30.0
2025-11-01 10:35:53	2025-11-01 21:05:29	14	LVAG-04	0.0	15.5	7.97	0.58	16.1	64.21	21.0	0.1	30.0
2025-11-01 11:05:50	2025-11-01 21:05:33	14	LVAG-04	0.0	16.5	7.98	0.58	16.49	62.78	21.0	0.1	29.9
2025-11-01 11:35:48	2025-11-01 21:05:37	14	LVAG-04	0.0	17.25	7.97	0.58	17.23	63.22	21.0	0.1	30.0
2025-11-01 12:05:45	2025-11-01 21:05:41	14	LVAG-04	0.0	18.5	7.97	0.58	18.91	55.18	21.0	0.1	29.9
2025-11-01 12:35:44	2025-11-01 21:05:46	14	LVAG-04	0.0	21.0	8.01	0.58	20.33	50.53	21.0	0.1	30.0
2025-11-01 13:05:49	2025-11-01 21:05:50	14	LVAG-04	0.0	25.0	8.0	0.58	22.16	43.66	21.0	0.1	30.1
2025-11-01 13:35:46	2025-11-01 21:05:54	14	LVAG-04	0.0	26.0	8.03	0.59	23.25	40.04	21.0	0.1	29.9
2025-11-01 14:05:46	2025-11-01 21:05:58	14	LVAG-04	0.0	28.0	8.05	0.59	24.05	43.48	21.0	0.1	30.0
2025-11-01 14:35:46	2025-11-01 21:06:03	14	LVAG-04	0.0	30.25	7.97	0.57	26.08	49.58	21.0	0.1	30.0
2025-11-01 15:05:49	2025-11-01 21:06:07	14	LVAG-04	0.0	33.5	8.04	0.58	25.31	40.7	21.0	0.1	30.1
2025-11-01 15:35:46	2025-11-01 21:06:11	14	LVAG-04	0.0	35.25	8.01	0.56	26.72	40.16	21.0	0.1	29.9
2025-11-01 16:05:46	2025-11-01 21:06:16	14	LVAG-04	0.0	37.25	7.98	0.58	26.47	42.29	21.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 11 (Filas 351-385)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-01 16:35:46	2025-11-01 21:06:20	14	LVAG-04	0.0	39.0	8.02	0.58	26.31	36.4	21.0	0.1	30.0
2025-11-01 17:05:41	2025-11-01 21:06:24	14	LVAG-04	0.0	38.75	8.05	0.58	26.16	37.18	21.0	0.1	29.9
2025-11-01 17:35:33	2025-11-01 21:06:28	14	LVAG-04	0.0	37.25	8.01	0.58	25.54	39.51	21.0	0.1	29.9
2025-11-01 18:05:29	2025-11-01 21:06:33	14	LVAG-04	0.0	37.5	8.05	0.59	25.86	46.57	21.0	0.1	29.9
2025-11-01 18:35:28	2025-11-01 21:06:37	14	LVAG-04	0.0	39.0	8.05	0.58	25.65	40.45	21.0	0.1	30.0
2025-11-01 19:05:16	2025-11-01 21:06:41	14	LVAG-04	0.0	35.25	8.0	0.57	24.44	45.76	21.0	0.1	29.8
2025-11-01 19:35:08	2025-11-01 21:06:46	14	LVAG-04	0.0	34.0	8.01	0.58	24.44	48.21	21.0	0.1	29.9
2025-11-01 20:04:55	2025-11-01 21:06:50	14	LVAG-04	0.0	28.75	8.0	0.58	21.57	49.96	21.0	0.1	29.8
2025-11-01 20:34:41	2025-11-01 21:06:54	14	LVAG-04	0.0	24.0	7.99	0.58	19.73	61.65	21.0	0.1	29.8
2025-11-01 21:04:31	2025-11-01 21:06:59	14	LVAG-04	0.0	20.75	7.99	0.57	17.54	69.53	21.0	0.1	29.8
2025-11-01 21:36:29	2025-11-02 09:05:32	14	LVAG-04	0.0	18.75	7.99	0.58	16.45	66.92	22.0	718.5	32.0
2025-11-01 22:06:21	2025-11-02 09:05:37	14	LVAG-04	0.0	17.0	8.0	0.58	15.81	73.21	22.0	0.1	29.9
2025-11-01 22:36:16	2025-11-02 09:05:41	14	LVAG-04	0.0	16.0	8.0	0.58	14.83	71.94	22.0	0.1	29.9
2025-11-01 23:06:10	2025-11-02 09:05:45	14	LVAG-04	0.0	15.0	7.99	0.58	14.21	79.28	22.0	0.1	29.9
2025-11-01 23:36:05	2025-11-02 09:05:49	14	LVAG-04	0.0	14.25	8.01	0.58	13.82	80.87	22.0	0.1	29.9
2025-11-02 00:06:00	2025-11-02 09:05:54	14	LVAG-04	0.0	13.5	7.98	0.58	13.57	82.52	22.0	0.1	29.9



2025-11-02 00:35:55	2025-11-02 09:05:58	14	LVAG-04	0.0	13.25	8.01	0.58	13.22	80.25	22.0	0.1	29.9
2025-11-02 01:05:50	2025-11-02 09:06:02	14	LVAG-04	0.0	13.0	7.97	0.58	12.77	84.03	22.0	0.1	29.9
2025-11-02 01:35:45	2025-11-02 09:06:06	14	LVAG-04	0.0	12.5	8.0	0.58	11.98	85.35	22.0	0.1	29.9
2025-11-02 02:05:40	2025-11-02 09:06:11	14	LVAG-04	0.0	12.0	8.0	0.58	11.35	82.29	22.0	0.1	29.9
2025-11-02 02:35:36	2025-11-02 09:06:15	14	LVAG-04	0.0	11.25	7.98	0.58	11.09	83.5	22.0	0.1	29.9
2025-11-02 03:05:30	2025-11-02 09:06:19	14	LVAG-04	0.0	10.75	8.0	0.58	10.48	84.67	22.0	0.1	29.9
2025-11-02 03:35:24	2025-11-02 09:06:24	14	LVAG-04	0.0	10.25	7.98	0.58	10.33	86.93	22.0	0.1	29.9
2025-11-02 04:05:19	2025-11-02 09:06:28	14	LVAG-04	0.0	10.0	7.98	0.58	9.88	89.03	22.0	0.1	29.9
2025-11-02 04:35:15	2025-11-02 09:06:32	14	LVAG-04	0.0	9.75	8.0	0.58	9.4	89.34	22.0	0.1	29.9
2025-11-02 05:05:10	2025-11-02 09:06:37	14	LVAG-04	0.0	9.25	7.98	0.58	9.21	88.99	22.0	0.1	29.9
2025-11-02 05:35:05	2025-11-02 09:06:41	14	LVAG-04	0.0	9.0	7.98	0.58	8.99	87.99	22.0	0.1	29.9
2025-11-02 06:05:00	2025-11-02 09:06:45	14	LVAG-04	0.0	8.5	7.98	0.58	8.55	90.0	22.0	0.1	29.9
2025-11-02 06:34:54	2025-11-02 09:06:50	14	LVAG-04	0.0	8.25	7.98	0.58	8.27	90.16	22.0	0.1	29.9
2025-11-02 07:04:50	2025-11-02 09:06:54	14	LVAG-04	0.0	8.0	7.98	0.58	7.98	92.59	22.0	0.1	29.9
2025-11-02 07:34:46	2025-11-02 09:06:58	14	LVAG-04	0.0	8.25	7.98	0.58	8.69	91.41	22.0	0.1	29.9
2025-11-02 08:04:44	2025-11-02 09:07:02	14	LVAG-04	0.0	9.0	7.95	0.58	10.44	91.25	22.0	0.1	30.0
2025-11-02 08:34:42	2025-11-02 09:07:07	14	LVAG-04	0.0	10.5	7.98	0.58	12.73	81.85	22.0	0.1	30.0
2025-11-02 09:04:43	2025-11-02 09:07:11	14	LVAG-04	0.0	12.75	7.95	0.58	14.68	72.57	22.0	0.1	30.0
2025-11-02 09:36:52	2025-11-02 21:06:18	14	LVAG-04	0.0	15.0	7.96	0.58	16.32	65.96	22.0	719.1	32.1

## ■ DATOS COMPLETOS - Página 12 (Filas 386-420)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-02 10:06:52	2025-11-02 21:06:23	14	LVAG-04	0.0	16.75	7.99	0.59	17.31	56.28	22.0	0.1	30.0
2025-11-02 10:36:50	2025-11-02 21:06:27	14	LVAG-04	0.0	18.0	7.99	0.58	18.64	61.35	22.0	0.1	30.0
2025-11-02 11:06:48	2025-11-02 21:06:31	14	LVAG-04	0.0	19.25	7.97	0.58	20.08	51.14	22.0	0.1	30.0
2025-11-02 11:36:46	2025-11-02 21:06:36	14	LVAG-04	0.0	20.5	7.97	0.58	21.2	48.56	22.0	0.1	30.0
2025-11-02 12:06:44	2025-11-02 21:06:40	14	LVAG-04	0.0	22.0	7.97	0.58	22.48	48.2	22.0	0.1	30.0
2025-11-02 12:36:43	2025-11-02 21:06:44	14	LVAG-04	0.0	24.75	8.02	0.58	24.51	43.47	22.0	0.1	30.0
2025-11-02 13:06:49	2025-11-02 21:06:49	14	LVAG-04	0.0	29.0	7.98	0.58	25.37	38.61	22.0	0.1	30.1
2025-11-02 13:36:45	2025-11-02 21:06:53	14	LVAG-04	0.0	29.5	7.91	0.59	26.19	38.62	22.0	0.1	29.9
2025-11-02 14:06:44	2025-11-02 21:06:58	14	LVAG-04	0.0	31.25	7.95	0.58	28.15	37.61	22.0	0.1	30.0
2025-11-02 14:36:44	2025-11-02 21:07:02	14	LVAG-04	0.0	33.5	8.01	0.58	28.4	39.89	22.0	0.1	30.0
2025-11-02 15:06:46	2025-11-02 21:07:06	14	LVAG-04	0.0	37.0	8.05	0.59	29.29	31.03	22.0	0.1	30.0
2025-11-02 15:36:46	2025-11-02 21:07:10	14	LVAG-04	0.0	38.5	8.03	0.58	27.55	36.98	22.0	0.1	30.0
2025-11-02 16:06:37	2025-11-02 21:07:15	14	LVAG-04	0.0	37.5	8.05	0.58	28.75	41.01	22.0	0.1	29.9
2025-11-02 16:36:38	2025-11-02 21:07:19	14	LVAG-04	0.0	39.5	7.99	0.58	27.36	40.57	22.0	0.1	30.0
2025-11-02 17:06:32	2025-11-02 21:07:23	14	LVAG-04	0.0	39.25	8.05	0.58	26.73	40.2	22.0	0.1	29.9
2025-11-02 17:36:27	2025-11-02 21:07:28	14	LVAG-04	0.0	38.25	8.01	0.57	25.89	41.1	22.0	0.1	29.9

2025-11-02 18:06:21	2025-11-02 21:07:32	14	LVAG-04	0.0	37.75	8.01	0.59	24.91	42.06	22.0	0.1	29.9
2025-11-02 18:36:12	2025-11-02 21:07:36	14	LVAG-04	0.0	35.0	7.99	0.59	24.01	44.14	22.0	0.1	29.9
2025-11-02 19:06:06	2025-11-02 21:07:40	14	LVAG-04	0.0	33.5	7.99	0.58	22.52	50.84	22.0	0.1	29.9
2025-11-02 19:35:58	2025-11-02 21:07:45	14	LVAG-04	0.0	31.0	8.01	0.58	20.97	54.56	22.0	0.1	29.9
2025-11-02 20:05:42	2025-11-02 21:07:49	14	LVAG-04	0.0	25.25	8.02	0.58	19.23	60.17	22.0	0.1	29.7
2025-11-02 20:35:29	2025-11-02 21:07:54	14	LVAG-04	0.0	21.0	8.01	0.58	17.6	58.2	22.0	0.1	29.8
2025-11-02 21:05:20	2025-11-02 21:07:58	14	LVAG-04	0.0	18.75	7.99	0.58	16.54	63.65	22.0	0.1	29.9
2025-11-02 21:37:31	2025-11-03 09:06:34	14	LVAG-04	0.0	17.25	7.98	0.58	15.85	66.13	20.0	718.6	32.2
2025-11-02 22:07:25	2025-11-03 09:06:38	14	LVAG-04	0.0	16.0	7.98	0.58	15.1	67.33	20.0	0.1	29.9
2025-11-02 22:37:18	2025-11-03 09:06:42	14	LVAG-04	0.0	15.0	8.0	0.58	14.05	73.51	20.0	0.1	29.9
2025-11-02 23:07:13	2025-11-03 09:06:46	14	LVAG-04	0.0	14.25	8.0	0.58	13.65	71.06	20.0	0.1	29.9
2025-11-02 23:37:07	2025-11-03 09:06:51	14	LVAG-04	0.0	13.5	7.99	0.58	12.87	74.17	20.0	0.1	29.9
2025-11-03 00:07:01	2025-11-03 09:06:55	14	LVAG-04	0.0	12.75	8.0	0.58	12.5	76.36	20.0	0.1	29.9
2025-11-03 00:36:55	2025-11-03 09:06:59	14	LVAG-04	0.0	12.0	7.98	0.58	11.87	81.66	20.0	0.1	29.9
2025-11-03 01:06:49	2025-11-03 09:07:04	14	LVAG-04	0.0	11.5	7.98	0.58	11.33	86.1	20.0	0.1	29.9
2025-11-03 01:36:45	2025-11-03 09:07:08	14	LVAG-04	0.0	11.0	8.0	0.58	10.71	89.48	20.0	0.1	29.9
2025-11-03 02:06:40	2025-11-03 09:07:12	14	LVAG-04	0.0	10.75	7.98	0.59	10.64	92.55	20.0	0.1	29.9
2025-11-03 02:36:36	2025-11-03 09:07:16	14	LVAG-04	0.0	10.75	8.01	0.58	10.32	94.79	20.0	0.1	29.9
2025-11-03 03:06:30	2025-11-03 09:07:20	14	LVAG-04	0.0	10.5	7.98	0.58	10.21	93.97	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 13 (Filas 421-455)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-03 03:36:26	2025-11-03 09:07:25	14	LVAG-04	0.0	10.25	7.99	0.58	10.11	95.23	20.0	0.1	29.9
2025-11-03 04:06:23	2025-11-03 09:07:29	14	LVAG-04	0.0	10.5	8.0	0.59	10.32	95.98	20.0	0.1	29.9
2025-11-03 04:36:18	2025-11-03 09:07:34	14	LVAG-04	0.0	10.25	8.0	0.59	10.09	96.07	20.0	0.1	29.9
2025-11-03 05:06:14	2025-11-03 09:07:38	14	LVAG-04	0.0	10.5	7.95	0.59	9.99	96.52	20.0	0.1	29.9
2025-11-03 05:36:10	2025-11-03 09:07:42	14	LVAG-04	0.0	10.25	7.98	0.59	10.27	95.95	20.0	0.1	29.9
2025-11-03 06:06:05	2025-11-03 09:07:47	14	LVAG-04	0.0	10.25	8.01	0.59	10.24	96.57	20.0	0.1	29.9
2025-11-03 06:36:01	2025-11-03 09:07:51	14	LVAG-04	0.0	10.25	7.99	0.59	9.76	96.42	20.0	0.1	29.9
2025-11-03 07:05:57	2025-11-03 09:07:56	14	LVAG-04	0.0	10.0	7.96	0.59	9.59	98.5	20.0	0.1	29.9
2025-11-03 07:35:53	2025-11-03 09:08:00	14	LVAG-04	0.0	10.0	7.99	0.59	9.98	98.89	20.0	0.1	29.9
2025-11-03 08:05:49	2025-11-03 09:08:04	14	LVAG-04	0.0	10.5	7.97	0.59	10.25	96.03	20.0	0.1	29.9
2025-11-03 08:35:47	2025-11-03 09:08:09	14	LVAG-04	0.0	11.5	7.97	0.59	11.0	91.32	20.0	0.1	30.0
2025-11-03 09:05:44	2025-11-03 09:08:13	14	LVAG-04	0.0	12.5	7.98	0.59	12.32	88.04	20.0	0.1	29.9
2025-11-03 09:37:52	2025-11-03 21:07:09	14	LVAG-04	0.0	13.5	7.98	0.59	12.26	85.42	24.0	718.9	32.1
2025-11-03 10:07:48	2025-11-03 21:07:14	14	LVAG-04	0.0	14.0	7.97	0.59	12.85	83.83	24.0	0.1	29.9
2025-11-03 10:37:46	2025-11-03 21:07:18	14	LVAG-04	0.0	15.0	7.98	0.59	13.58	80.42	24.0	0.1	30.0
2025-11-03 11:07:44	2025-11-03 21:07:23	14	LVAG-04	0.0	16.0	7.98	0.59	14.5	77.27	24.0	0.1	30.0

2025-11-03 11:37:42	2025-11-03 21:07:27	14	LVAG-04	0.0	16.75	7.99	0.59	14.84	77.04	24.0	0.1	30.0
2025-11-03 12:07:40	2025-11-03 21:07:31	14	LVAG-04	0.0	17.75	7.98	0.59	15.48	74.31	24.0	0.1	30.0
2025-11-03 12:37:38	2025-11-03 21:07:36	14	LVAG-04	0.0	19.25	7.99	0.58	17.54	65.25	24.0	0.1	30.0
2025-11-03 13:07:41	2025-11-03 21:07:40	14	LVAG-04	0.0	21.75	8.0	0.59	17.98	62.35	24.0	0.1	30.1
2025-11-03 13:37:35	2025-11-03 21:07:44	14	LVAG-04	0.0	21.5	8.04	0.59	18.63	63.17	24.0	0.1	29.9
2025-11-03 14:07:36	2025-11-03 21:07:48	14	LVAG-04	0.0	23.5	8.03	0.58	20.02	59.38	24.0	0.1	30.0
2025-11-03 14:37:37	2025-11-03 21:07:53	14	LVAG-04	0.0	26.75	8.04	0.6	21.27	54.83	24.0	0.1	30.0
2025-11-03 15:07:35	2025-11-03 21:07:57	14	LVAG-04	0.0	28.0	8.03	0.59	21.78	58.95	24.0	0.1	30.0
2025-11-03 15:37:35	2025-11-03 21:08:01	14	LVAG-04	0.0	29.25	7.99	0.58	22.03	52.35	24.0	0.1	30.0
2025-11-03 16:07:36	2025-11-03 21:08:06	14	LVAG-04	0.0	33.0	8.01	0.59	24.06	48.37	24.0	0.1	30.0
2025-11-03 16:37:38	2025-11-03 21:08:10	14	LVAG-04	0.0	35.0	8.01	0.58	22.93	51.19	24.0	0.1	30.0
2025-11-03 17:07:32	2025-11-03 21:08:14	14	LVAG-04	0.0	34.5	8.0	0.58	22.15	51.16	24.0	0.1	29.9
2025-11-03 17:37:26	2025-11-03 21:08:19	14	LVAG-04	0.0	33.25	8.0	0.59	21.0	53.85	24.0	0.1	29.9
2025-11-03 18:07:20	2025-11-03 21:08:23	14	LVAG-04	0.0	32.5	7.99	0.59	21.04	53.11	24.0	0.1	29.9
2025-11-03 18:37:10	2025-11-03 21:08:27	14	LVAG-04	0.0	29.5	7.97	0.59	18.83	60.27	24.0	0.1	29.8
2025-11-03 19:07:02	2025-11-03 21:08:32	14	LVAG-04	0.0	28.0	8.0	0.58	18.77	62.51	24.0	0.1	29.9
2025-11-03 19:36:56	2025-11-03 21:08:36	14	LVAG-04	0.0	26.25	7.99	0.59	17.06	63.79	24.0	0.1	29.9
2025-11-03 20:06:41	2025-11-03 21:08:40	14	LVAG-04	0.0	20.5	7.99	0.59	15.06	67.9	24.0	0.1	29.8
2025-11-03 20:36:28	2025-11-03 21:08:45	14	LVAG-04	0.0	17.0	7.97	0.59	14.36	72.59	24.0	0.1	29.8

## ■ DATOS COMPLETOS - Página 14 (Filas 456-490)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-03 21:06:20	2025-11-03 21:08:49	14	LVAG-04	0.0	15.25	7.96	0.59	13.71	74.4	24.0	0.1	29.9
2025-11-03 21:38:22	2025-11-04 09:07:54	14	LVAG-04	0.0	14.25	7.99	0.58	13.19	77.89	21.0	719.1	32.0
2025-11-03 22:08:17	2025-11-04 09:07:58	14	LVAG-04	0.0	13.25	8.0	0.59	12.92	78.94	21.0	0.1	29.9
2025-11-03 22:38:12	2025-11-04 09:08:02	14	LVAG-04	0.0	13.0	8.0	0.59	12.69	79.8	21.0	0.1	29.9
2025-11-03 23:08:07	2025-11-04 09:08:07	14	LVAG-04	0.0	12.5	8.0	0.59	12.25	79.83	21.0	0.1	29.9
2025-11-03 23:38:02	2025-11-04 09:08:11	14	LVAG-04	0.0	12.0	7.99	0.59	11.6	82.83	21.0	0.1	29.9
2025-11-04 00:07:57	2025-11-04 09:08:16	14	LVAG-04	0.0	11.25	7.99	0.59	10.91	84.94	21.0	0.1	29.9
2025-11-04 00:37:51	2025-11-04 09:08:20	14	LVAG-04	0.0	10.75	7.99	0.59	10.67	84.3	21.0	0.1	29.9
2025-11-04 01:07:47	2025-11-04 09:08:24	14	LVAG-04	0.0	10.5	7.98	0.59	10.53	87.67	21.0	0.1	29.9
2025-11-04 01:37:42	2025-11-04 09:08:29	14	LVAG-04	0.0	10.5	7.99	0.59	10.63	84.32	21.0	0.1	29.9
2025-11-04 02:07:38	2025-11-04 09:08:33	14	LVAG-04	0.0	10.75	7.98	0.59	11.18	88.6	21.0	0.1	29.9
2025-11-04 02:37:35	2025-11-04 09:08:38	14	LVAG-04	0.0	11.25	7.99	0.59	11.7	87.82	21.0	0.1	29.9
2025-11-04 03:07:32	2025-11-04 09:08:42	14	LVAG-04	0.0	11.75	7.98	0.59	12.43	82.98	21.0	0.1	29.9
2025-11-04 03:37:28	2025-11-04 09:08:46	14	LVAG-04	0.0	12.25	7.98	0.59	12.52	81.42	21.0	0.1	29.9
2025-11-04 04:07:24	2025-11-04 09:08:51	14	LVAG-04	0.0	12.5	7.98	0.59	12.5	78.88	21.0	0.1	29.9
2025-11-04 04:37:19	2025-11-04 09:08:55	14	LVAG-04	0.0	12.5	7.99	0.59	12.5	78.39	21.0	0.1	29.9

2025-11-04 05:07:15	2025-11-04 09:08:59	14	LVAG-04	0.0	12.5	7.98	0.59	12.4	78.42	21.0	0.1	29.9
2025-11-04 05:37:11	2025-11-04 09:09:03	14	LVAG-04	0.0	12.5	7.96	0.59	12.35	78.98	21.0	0.1	29.9
2025-11-04 06:07:07	2025-11-04 09:09:08	14	LVAG-04	0.0	12.25	7.98	0.59	12.37	81.15	21.0	0.1	29.9
2025-11-04 06:37:02	2025-11-04 09:09:13	14	LVAG-04	0.0	12.5	7.99	0.59	12.31	79.4	21.0	0.1	29.9
2025-11-04 07:06:58	2025-11-04 09:09:17	14	LVAG-04	0.0	12.5	7.98	0.59	12.36	81.77	21.0	0.1	29.9
2025-11-04 07:36:54	2025-11-04 09:09:21	14	LVAG-04	0.0	12.75	7.98	0.59	12.7	80.69	21.0	0.1	29.9
2025-11-04 08:06:50	2025-11-04 09:09:26	14	LVAG-04	0.0	13.25	7.98	0.59	13.13	76.87	21.0	0.1	29.9
2025-11-04 08:36:48	2025-11-04 09:09:30	14	LVAG-04	0.0	13.75	7.99	0.59	13.38	78.5	21.0	0.1	30.0
2025-11-04 09:06:45	2025-11-04 09:09:34	14	LVAG-04	0.0	14.0	7.97	0.59	13.89	75.34	21.0	0.1	29.9
2025-11-04 09:39:12	2025-11-04 21:09:19	14	LVAG-04	0.0	15.0	7.98	0.59	15.07	74.01	17.0	719.8	32.5
2025-11-04 10:09:09	2025-11-04 21:09:24	14	LVAG-04	0.0	15.75	7.97	0.59	15.82	67.95	17.0	0.1	29.9
2025-11-04 10:39:07	2025-11-04 21:09:28	14	LVAG-04	0.0	16.5	7.97	0.59	16.59	68.48	17.0	0.1	30.0
2025-11-04 11:09:04	2025-11-04 21:09:33	14	LVAG-04	0.0	17.0	7.99	0.59	16.89	65.9	17.0	0.1	29.9
2025-11-04 11:39:02	2025-11-04 21:09:40	14	LVAG-04	0.0	18.0	7.99	0.59	18.15	64.04	17.0	0.1	30.0
2025-11-04 12:09:00	2025-11-04 21:09:44	14	LVAG-04	0.0	18.75	7.98	0.59	19.0	55.65	17.0	0.1	30.0
2025-11-04 12:38:59	2025-11-04 21:09:49	14	LVAG-04	0.0	21.75	8.0	0.58	20.55	58.07	17.0	0.1	30.0
2025-11-04 13:09:03	2025-11-04 21:09:54	14	LVAG-04	0.0	26.0	8.03	0.59	23.07	51.04	17.0	0.1	30.1
2025-11-04 13:39:01	2025-11-04 21:09:58	14	LVAG-04	0.0	26.75	8.03	0.59	23.84	46.78	17.0	0.1	30.0
2025-11-04 14:09:01	2025-11-04 21:10:03	14	LVAG-04	0.0	28.25	8.01	0.59	24.98	46.17	17.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 15 (Filas 491-525)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-04 14:39:01	2025-11-04 21:10:08	14	LVAG-04	0.0	31.25	8.0	0.59	25.68	38.49	17.0	0.1	30.0
2025-11-04 15:09:01	2025-11-04 21:10:13	14	LVAG-04	0.0	33.75	8.0	0.58	26.33	42.54	17.0	0.1	30.0
2025-11-04 15:39:02	2025-11-04 21:10:17	14	LVAG-04	0.0	35.5	8.0	0.58	26.57	43.49	17.0	0.1	30.0
2025-11-04 16:09:02	2025-11-04 21:10:22	14	LVAG-04	0.0	37.5	8.01	0.57	27.01	37.59	17.0	0.1	30.0
2025-11-04 16:39:01	2025-11-04 21:10:27	14	LVAG-04	0.0	39.25	7.98	0.58	26.17	38.09	17.0	0.1	30.0
2025-11-04 17:08:57	2025-11-04 21:10:32	14	LVAG-04	0.0	38.5	7.98	0.59	24.8	42.58	17.0	0.1	29.9
2025-11-04 17:38:46	2025-11-04 21:10:37	14	LVAG-04	0.0	35.5	7.98	0.59	23.88	42.07	17.0	0.1	29.8
2025-11-04 18:08:39	2025-11-04 21:10:41	14	LVAG-04	0.0	34.25	7.98	0.58	23.54	42.51	17.0	0.1	29.9
2025-11-04 18:38:31	2025-11-04 21:10:46	14	LVAG-04	0.0	32.25	7.99	0.58	23.37	43.62	17.0	0.1	29.9
2025-11-04 19:08:29	2025-11-04 21:10:50	14	LVAG-04	0.0	33.5	7.98	0.58	23.46	41.8	17.0	0.1	30.0
2025-11-04 19:38:24	2025-11-04 21:10:55	14	LVAG-04	0.0	33.0	7.99	0.59	22.52	47.35	17.0	0.1	29.9
2025-11-04 20:08:09	2025-11-04 21:10:59	14	LVAG-04	0.0	27.0	7.99	0.59	20.03	49.81	17.0	0.1	29.8
2025-11-04 20:37:54	2025-11-04 21:11:04	14	LVAG-04	0.0	22.0	7.98	0.58	17.8	56.22	17.0	0.1	29.8
2025-11-04 21:07:44	2025-11-04 21:11:08	14	LVAG-04	0.0	19.25	7.96	0.59	17.12	62.24	17.0	0.1	29.8
2025-11-04 21:40:41	2025-11-05 09:10:07	14	LVAG-04	0.0	17.25	7.99	0.58	15.21	70.06	20.0	719.0	33.0
2025-11-05 09:45:03	2025-11-06 09:14:57	14	LVAG-04	0.0	14.75	8.0	0.0	15.83	65.64	17.0	1444.8	724.4



2025-11-05 10:15:02	2025-11-06 09:15:02	14	LVAG-04	0.0	16.25	7.98	0.0	16.92	62.72	17.0	0.1	30.0
2025-11-05 10:45:00	2025-11-06 09:15:06	14	LVAG-04	0.0	17.25	7.98	0.51	17.75	61.63	17.0	0.1	30.0
2025-11-05 11:14:58	2025-11-06 09:15:11	14	LVAG-04	0.0	18.25	8.0	0.51	18.58	60.79	17.0	0.1	30.0
2025-11-05 11:44:56	2025-11-06 09:15:15	14	LVAG-04	0.0	19.25	8.0	0.51	19.28	57.65	17.0	0.1	30.0
2025-11-05 12:14:54	2025-11-06 09:15:20	14	LVAG-04	0.0	20.5	8.0	0.51	20.59	51.78	17.0	0.1	30.0
2025-11-05 12:44:56	2025-11-06 09:15:24	14	LVAG-04	0.0	23.75	8.02	0.51	22.77	47.57	17.0	0.1	30.0
2025-11-05 13:14:59	2025-11-06 09:15:29	14	LVAG-04	0.0	26.25	7.99	0.5	23.05	52.6	17.0	0.1	30.1
2025-11-05 13:44:54	2025-11-06 09:15:33	14	LVAG-04	0.0	27.0	8.0	0.51	24.33	39.66	17.0	0.1	29.9
2025-11-05 14:14:54	2025-11-06 09:15:38	14	LVAG-04	0.0	29.0	7.97	0.51	25.55	41.88	17.0	0.1	30.0
2025-11-05 14:44:58	2025-11-06 09:15:42	14	LVAG-04	0.0	33.0	8.02	0.51	27.57	32.01	17.0	0.1	30.1
2025-11-05 15:15:00	2025-11-06 09:15:47	14	LVAG-04	0.0	35.75	8.01	0.51	26.68	38.71	17.0	0.1	30.0
2025-11-05 15:44:56	2025-11-06 09:15:51	14	LVAG-04	0.0	36.25	7.98	0.51	26.18	42.88	17.0	0.1	29.9
2025-11-05 16:14:52	2025-11-06 09:15:56	14	LVAG-04	0.0	37.25	8.01	0.5	26.99	43.28	17.0	0.1	29.9
2025-11-05 16:44:51	2025-11-06 09:16:00	14	LVAG-04	0.0	38.25	8.01	0.51	25.27	45.44	17.0	0.1	30.0
2025-11-05 17:14:46	2025-11-06 09:16:05	14	LVAG-04	0.0	37.75	7.98	0.51	24.63	43.91	17.0	0.1	29.9
2025-11-05 17:44:41	2025-11-06 09:16:09	14	LVAG-04	0.0	37.75	7.98	0.5	25.18	43.65	17.0	0.1	29.9
2025-11-05 18:14:40	2025-11-06 09:16:14	14	LVAG-04	0.0	38.0	8.0	0.51	22.8	48.27	17.0	0.1	30.0
2025-11-05 18:44:23	2025-11-06 09:16:18	14	LVAG-04	0.0	31.5	8.0	0.51	21.95	52.55	17.0	0.1	29.7
2025-11-05 19:14:18	2025-11-06 09:16:23	14	LVAG-04	0.0	31.25	8.0	0.5	21.66	54.57	17.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 16 (Filas 526-560)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-05 19:44:14	2025-11-06 09:16:28	14	LVAG-04	0.0	29.5	7.97	0.51	19.97	58.44	17.0	0.1	29.9
2025-11-05 20:13:58	2025-11-06 09:16:32	14	LVAG-04	0.0	23.75	8.01	0.51	18.02	60.72	17.0	0.1	29.7
2025-11-05 20:43:45	2025-11-06 09:16:37	14	LVAG-04	0.0	20.0	8.01	0.5	16.63	64.18	17.0	0.1	29.8
2025-11-05 21:13:36	2025-11-06 09:16:41	14	LVAG-04	0.0	18.0	8.0	0.5	15.81	67.24	17.0	0.1	29.9
2025-11-05 21:44:58	2025-11-06 09:16:46	14	LVAG-04	0.0	16.5	7.99	0.5	15.05	68.75	17.0	0.1	31.4
2025-11-05 22:14:53	2025-11-06 09:16:50	14	LVAG-04	0.0	15.25	8.01	0.5	14.16	73.73	17.0	0.1	29.9
2025-11-05 22:44:46	2025-11-06 09:16:55	14	LVAG-04	0.0	14.25	8.0	0.5	13.08	79.81	17.0	0.1	29.9
2025-11-05 23:14:39	2025-11-06 09:17:00	14	LVAG-04	0.0	13.25	7.98	0.51	12.64	79.45	17.0	0.1	29.9
2025-11-05 23:44:34	2025-11-06 09:17:04	14	LVAG-04	0.0	12.75	8.0	0.51	12.2	79.01	17.0	0.1	29.9
2025-11-06 00:14:29	2025-11-06 09:17:09	14	LVAG-04	0.0	12.0	7.98	0.51	11.96	80.95	17.0	0.1	29.9
2025-11-06 00:44:24	2025-11-06 09:17:13	14	LVAG-04	0.0	11.75	8.0	0.51	11.14	82.83	17.0	0.1	29.9
2025-11-06 01:14:18	2025-11-06 09:17:18	14	LVAG-04	0.0	11.0	7.99	0.51	11.09	84.85	17.0	0.1	29.9
2025-11-06 01:44:13	2025-11-06 09:17:22	14	LVAG-04	0.0	10.75	7.96	0.51	10.48	86.72	17.0	0.1	29.9
2025-11-06 02:14:08	2025-11-06 09:17:27	14	LVAG-04	0.0	10.25	8.0	0.51	10.22	86.27	17.0	0.1	29.9
2025-11-06 02:44:05	2025-11-06 09:17:31	14	LVAG-04	0.0	10.25	7.98	0.51	10.44	88.71	17.0	0.1	29.9
2025-11-06 03:14:00	2025-11-06 09:17:37	14	LVAG-04	0.0	10.5	8.0	0.51	11.12	90.16	17.0	0.1	29.9

2025-11-06 03:43:58	2025-11-06 09:17:41	14	LVAG-04	0.0	11.0	8.0	0.51	11.4	87.82	17.0	0.1	30.0
2025-11-06 04:13:56	2025-11-06 09:17:46	14	LVAG-04	0.0	11.25	7.98	0.51	11.75	87.25	17.0	0.1	30.0
2025-11-06 04:43:52	2025-11-06 09:17:52	14	LVAG-04	0.0	11.75	8.0	0.51	12.06	86.95	17.0	0.1	29.9
2025-11-06 05:13:48	2025-11-06 09:17:57	14	LVAG-04	0.0	12.0	8.01	0.51	11.87	84.13	17.0	0.1	29.9
2025-11-06 05:43:44	2025-11-06 09:18:01	14	LVAG-04	0.0	12.0	7.97	0.51	11.9	84.98	17.0	0.1	29.9
2025-11-06 06:13:40	2025-11-06 09:18:06	14	LVAG-04	0.0	12.0	8.0	0.51	11.86	84.08	17.0	0.1	29.9
2025-11-06 06:43:36	2025-11-06 09:18:10	14	LVAG-04	0.0	12.0	8.0	0.51	11.77	82.5	17.0	0.1	29.9
2025-11-06 07:13:32	2025-11-06 09:18:15	14	LVAG-04	0.0	12.0	8.0	0.51	11.89	81.71	17.0	0.1	29.9
2025-11-06 07:43:28	2025-11-06 09:18:19	14	LVAG-04	0.0	12.25	7.98	0.51	12.09	81.33	17.0	0.1	29.9
2025-11-06 08:13:26	2025-11-06 09:18:24	14	LVAG-04	0.0	12.5	8.01	0.51	12.24	81.26	17.0	0.1	30.0
2025-11-06 08:43:22	2025-11-06 09:18:28	14	LVAG-04	0.0	13.0	8.0	0.51	12.45	81.15	17.0	0.1	29.9
2025-11-06 09:13:19	2025-11-06 09:18:33	14	LVAG-04	0.0	13.25	8.0	0.51	12.81	77.85	17.0	0.1	29.9
2025-11-06 09:48:10	2025-11-06 21:17:47	14	LVAG-04	0.0	13.75	7.98	0.51	12.57	78.94	19.0	719.2	34.9
2025-11-06 10:18:06	2025-11-06 21:17:52	14	LVAG-04	0.0	14.0	7.99	0.51	13.25	80.31	19.0	0.1	29.9
2025-11-06 10:48:02	2025-11-06 21:17:57	14	LVAG-04	0.0	14.5	7.98	0.51	13.84	77.3	19.0	0.1	29.9
2025-11-06 11:18:00	2025-11-06 21:18:01	14	LVAG-04	0.0	15.25	7.98	0.51	14.03	74.28	19.0	0.1	30.0
2025-11-06 11:47:59	2025-11-06 21:18:05	14	LVAG-04	0.0	16.75	8.01	0.51	14.54	69.16	19.0	0.1	30.0
2025-11-06 12:17:56	2025-11-06 21:18:10	14	LVAG-04	0.0	17.5	7.97	0.51	16.15	66.86	19.0	0.1	29.9
2025-11-06 12:47:55	2025-11-06 21:18:14	14	LVAG-04	0.0	19.0	8.01	0.51	16.56	63.28	19.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 17 (Filas 561-595)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-06 13:17:53	2025-11-06 21:18:18	14	LVAG-04	0.0	20.25	8.0	0.51	16.74	59.89	19.0	0.1	30.0
2025-11-06 13:47:50	2025-11-06 21:18:23	14	LVAG-04	0.0	20.25	8.03	0.51	16.76	57.59	19.0	0.1	29.9
2025-11-06 14:17:47	2025-11-06 21:18:27	14	LVAG-04	0.0	20.75	8.0	0.51	17.91	54.62	19.0	0.1	29.9
2025-11-06 14:47:43	2025-11-06 21:18:31	14	LVAG-04	0.0	21.25	7.99	0.5	18.84	61.46	19.0	0.1	29.9
2025-11-06 15:17:51	2025-11-06 21:18:35	14	LVAG-04	0.0	27.25	8.04	0.52	20.59	51.42	19.0	0.1	30.1
2025-11-06 15:47:43	2025-11-06 21:18:40	14	LVAG-04	0.0	25.5	8.01	0.51	19.27	56.24	19.0	0.1	29.9
2025-11-06 16:17:40	2025-11-06 21:18:44	14	LVAG-04	0.0	25.5	8.01	0.5	18.62	59.23	19.0	0.1	29.9
2025-11-06 16:47:34	2025-11-06 21:18:48	14	LVAG-04	0.0	25.5	8.01	0.52	19.85	57.74	19.0	0.1	29.9
2025-11-06 17:17:30	2025-11-06 21:18:53	14	LVAG-04	0.0	25.0	8.0	0.51	19.75	55.58	19.0	0.1	29.9
2025-11-06 17:47:31	2025-11-06 21:18:58	14	LVAG-04	0.0	26.25	7.95	0.51	17.5	62.51	19.0	0.1	30.0
2025-11-06 18:17:16	2025-11-06 21:19:02	14	LVAG-04	0.0	21.5	7.99	0.5	17.41	62.56	19.0	0.1	29.8
2025-11-06 18:47:08	2025-11-06 21:19:06	14	LVAG-04	0.0	19.25	7.99	0.51	15.24	68.8	19.0	0.1	29.9
2025-11-06 19:17:02	2025-11-06 21:19:11	14	LVAG-04	0.0	18.5	8.0	0.51	14.58	73.43	19.0	0.1	29.9
2025-11-06 19:46:52	2025-11-06 21:19:15	14	LVAG-04	0.0	16.25	8.0	0.51	14.04	76.35	19.0	0.1	29.8
2025-11-06 20:16:45	2025-11-06 21:19:19	14	LVAG-04	0.0	15.0	8.0	0.5	13.86	75.82	19.0	0.1	29.9
2025-11-06 20:46:40	2025-11-06 21:19:24	14	LVAG-04	0.0	14.25	7.99	0.51	13.34	76.08	19.0	0.1	29.9

2025-11-06 21:16:33	2025-11-06 21:19:28	14	LVAG-04	0.0	13.75	8.0	0.51	13.12	80.63	19.0	0.1	29.9
2025-11-06 21:49:02	2025-11-07 09:18:08	14	LVAG-04	0.0	13.5	8.0	0.51	12.75	80.18	20.0	718.7	32.5
2025-11-06 22:18:57	2025-11-07 09:18:12	14	LVAG-04	0.0	13.0	8.0	0.51	12.84	77.04	20.0	0.1	29.9
2025-11-06 22:48:52	2025-11-07 09:18:17	14	LVAG-04	0.0	13.0	7.99	0.51	12.7	78.53	20.0	0.1	29.9
2025-11-06 23:18:48	2025-11-07 09:18:22	14	LVAG-04	0.0	12.75	8.0	0.51	12.68	75.89	20.0	0.1	29.9
2025-11-06 23:48:43	2025-11-07 09:18:26	14	LVAG-04	0.0	12.75	7.97	0.51	12.58	75.58	20.0	0.1	29.9
2025-11-07 00:18:39	2025-11-07 09:18:31	14	LVAG-04	0.0	12.75	8.0	0.51	12.63	78.12	20.0	0.1	29.9
2025-11-07 00:48:35	2025-11-07 09:18:35	14	LVAG-04	0.0	12.5	7.99	0.51	12.18	80.86	20.0	0.1	29.9
2025-11-07 01:18:30	2025-11-07 09:18:39	14	LVAG-04	0.0	12.5	8.0	0.51	12.17	81.13	20.0	0.1	29.9
2025-11-07 01:48:25	2025-11-07 09:18:44	14	LVAG-04	0.0	12.25	8.0	0.51	11.78	83.02	20.0	0.1	29.9
2025-11-07 02:18:21	2025-11-07 09:18:48	14	LVAG-04	0.0	11.75	7.99	0.51	11.31	86.36	20.0	0.1	29.9
2025-11-07 02:48:14	2025-11-07 09:18:52	14	LVAG-04	0.0	11.25	7.99	0.51	10.77	86.23	20.0	0.1	29.9
2025-11-07 03:18:09	2025-11-07 09:18:56	14	LVAG-04	0.0	10.5	7.99	0.51	10.12	87.62	20.0	0.1	29.9
2025-11-07 03:48:03	2025-11-07 09:19:01	14	LVAG-04	0.0	10.0	7.98	0.51	9.44	92.73	20.0	0.1	29.9
2025-11-07 04:17:57	2025-11-07 09:19:05	14	LVAG-04	0.0	9.5	7.99	0.51	9.1	92.19	20.0	0.1	29.9
2025-11-07 04:47:52	2025-11-07 09:19:09	14	LVAG-04	0.0	9.0	7.98	0.51	8.58	91.28	20.0	0.1	29.9
2025-11-07 05:17:47	2025-11-07 09:19:14	14	LVAG-04	0.0	8.25	7.97	0.51	8.12	91.6	20.0	0.1	29.9
2025-11-07 05:47:43	2025-11-07 09:19:18	14	LVAG-04	0.0	7.75	7.96	0.51	7.82	93.89	20.0	0.1	29.9
2025-11-07 06:17:37	2025-11-07 09:19:22	14	LVAG-04	0.0	7.5	7.99	0.51	7.48	92.86	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 18 (Filas 596-630)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-07 06:47:32	2025-11-07 09:19:27	14	LVAG-04	0.0	7.25	7.99	0.51	7.83	95.46	20.0	0.1	29.9
2025-11-07 07:17:27	2025-11-07 09:19:31	14	LVAG-04	0.0	7.5	7.99	0.51	8.02	95.47	20.0	0.1	29.9
2025-11-07 07:47:24	2025-11-07 09:19:35	14	LVAG-04	0.0	8.0	7.98	0.51	8.62	93.95	20.0	0.1	29.9
2025-11-07 08:17:21	2025-11-07 09:19:40	14	LVAG-04	0.0	9.0	7.97	0.51	9.91	89.01	20.0	0.1	29.9
2025-11-07 08:47:20	2025-11-07 09:19:44	14	LVAG-04	0.0	10.25	7.99	0.52	11.33	83.41	20.0	0.1	30.0
2025-11-07 09:17:19	2025-11-07 09:19:49	14	LVAG-04	0.0	11.5	7.98	0.52	12.96	78.64	20.0	0.1	30.0
2025-11-07 09:49:28	2025-11-07 21:18:47	14	LVAG-04	0.0	13.5	7.99	0.52	13.71	71.59	24.0	719.0	32.1
2025-11-07 10:19:26	2025-11-07 21:18:52	14	LVAG-04	0.0	14.25	7.99	0.52	14.77	70.43	24.0	0.1	30.0
2025-11-07 10:49:23	2025-11-07 21:18:56	14	LVAG-04	0.0	15.5	7.97	0.52	15.43	64.76	24.0	0.1	29.9
2025-11-07 11:19:20	2025-11-07 21:19:01	14	LVAG-04	0.0	16.25	7.99	0.52	16.25	63.88	24.0	0.1	29.9
2025-11-07 11:49:17	2025-11-07 21:19:05	14	LVAG-04	0.0	17.25	7.94	0.52	17.11	56.52	24.0	0.1	29.9
2025-11-07 12:19:15	2025-11-07 21:19:10	14	LVAG-04	0.0	18.25	8.01	0.52	18.54	51.87	24.0	0.1	30.0
2025-11-07 12:49:17	2025-11-07 21:19:14	14	LVAG-04	0.0	21.75	8.04	0.52	21.03	49.21	24.0	0.1	30.0
2025-11-07 13:19:20	2025-11-07 21:19:19	14	LVAG-04	0.0	24.25	8.0	0.52	21.41	37.23	24.0	0.1	30.1
2025-11-07 13:49:16	2025-11-07 21:19:24	14	LVAG-04	0.0	25.25	8.03	0.51	22.7	35.58	24.0	0.1	29.9
2025-11-07 14:19:16	2025-11-07 21:19:28	14	LVAG-04	0.0	27.5	8.03	0.52	24.38	40.88	24.0	0.1	30.0

2025-11-07 14:49:22	2025-11-07 21:19:32	14	LVAG-04	0.0	32.75	8.04	0.51	26.35	33.52	24.0	0.1	30.1
2025-11-07 15:19:24	2025-11-07 21:19:36	14	LVAG-04	0.0	35.75	8.03	0.51	25.11	30.6	24.0	0.1	30.0
2025-11-07 15:49:24	2025-11-07 21:19:41	14	LVAG-04	0.0	38.75	8.04	0.52	27.2	30.75	24.0	0.1	30.0
2025-11-07 16:19:24	2025-11-07 21:19:45	14	LVAG-04	0.0	41.0	8.0	0.54	26.78	31.16	24.0	0.1	30.0
2025-11-07 16:49:17	2025-11-07 21:19:50	14	LVAG-04	0.0	39.75	8.0	0.53	26.64	33.34	24.0	0.1	29.9
2025-11-07 17:19:08	2025-11-07 21:19:54	14	LVAG-04	0.0	37.0	8.01	0.51	26.78	33.9	24.0	0.1	29.9
2025-11-07 17:49:08	2025-11-07 21:19:59	14	LVAG-04	0.0	41.0	8.04	0.52	26.39	40.96	24.0	0.1	30.0
2025-11-07 18:19:06	2025-11-07 21:20:03	14	LVAG-04	0.0	40.75	8.02	0.52	24.64	42.41	24.0	0.1	30.0
2025-11-07 18:48:48	2025-11-07 21:20:08	14	LVAG-04	0.0	35.0	7.98	0.51	24.97	33.66	24.0	0.1	29.7
2025-11-07 19:18:45	2025-11-07 21:20:12	14	LVAG-04	0.0	35.0	8.0	0.51	22.82	42.03	24.0	0.1	29.9
2025-11-07 19:48:31	2025-11-07 21:20:17	14	LVAG-04	0.0	30.0	7.99	0.51	20.9	47.94	24.0	0.1	29.8
2025-11-07 20:18:16	2025-11-07 21:20:21	14	LVAG-04	0.0	24.5	8.0	0.51	19.42	51.6	24.0	0.1	29.8
2025-11-07 20:48:06	2025-11-07 21:20:26	14	LVAG-04	0.0	21.25	8.0	0.51	18.46	56.7	24.0	0.1	29.8
2025-11-07 21:17:57	2025-11-07 21:20:31	14	LVAG-04	0.0	19.25	7.98	0.51	17.57	55.59	24.0	0.1	29.9
2025-11-07 21:50:03	2025-11-08 09:19:17	14	LVAG-04	0.0	17.75	7.98	0.5	15.9	67.88	21.0	718.8	32.1
2025-11-07 22:19:55	2025-11-08 09:19:22	14	LVAG-04	0.0	16.5	7.95	0.5	15.38	66.31	21.0	0.1	29.9
2025-11-07 22:49:49	2025-11-08 09:19:26	14	LVAG-04	0.0	15.25	7.98	0.5	13.96	73.35	21.0	0.1	29.9
2025-11-07 23:19:43	2025-11-08 09:19:31	14	LVAG-04	0.0	14.5	7.99	0.5	13.48	72.32	21.0	0.1	29.9
2025-11-07 23:49:37	2025-11-08 09:19:36	14	LVAG-04	0.0	13.5	8.0	0.5	12.46	80.6	21.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 19 (Filas 631-665)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-08 00:19:31	2025-11-08 09:19:40	14	LVAG-04	0.0	12.75	8.0	0.5	12.4	81.23	21.0	0.1	29.9
2025-11-08 00:49:26	2025-11-08 09:19:45	14	LVAG-04	0.0	12.25	7.98	0.5	11.8	84.96	21.0	0.1	29.9
2025-11-08 01:19:22	2025-11-08 09:19:50	14	LVAG-04	0.0	11.75	7.99	0.5	11.6	83.66	21.0	0.1	29.9
2025-11-08 01:49:17	2025-11-08 09:19:55	14	LVAG-04	0.0	11.5	7.98	0.5	11.13	88.17	21.0	0.1	29.9
2025-11-08 02:19:11	2025-11-08 09:19:59	14	LVAG-04	0.0	11.0	7.98	0.51	10.87	90.06	21.0	0.1	29.9
2025-11-08 02:49:05	2025-11-08 09:20:03	14	LVAG-04	0.0	10.5	8.0	0.51	10.41	86.33	21.0	0.1	29.9
2025-11-08 03:19:00	2025-11-08 09:20:09	14	LVAG-04	0.0	10.0	7.99	0.51	9.99	85.89	21.0	0.1	29.9
2025-11-08 03:48:54	2025-11-08 09:20:13	14	LVAG-04	0.0	9.5	7.99	0.51	9.58	89.23	21.0	0.1	29.9
2025-11-08 04:18:49	2025-11-08 09:20:18	14	LVAG-04	0.0	9.25	7.98	0.51	9.25	94.0	21.0	0.1	29.9
2025-11-08 04:48:43	2025-11-08 09:20:22	14	LVAG-04	0.0	8.75	8.0	0.51	8.87	91.17	21.0	0.1	29.9
2025-11-08 05:18:38	2025-11-08 09:20:27	14	LVAG-04	0.0	8.5	7.98	0.51	8.44	89.7	21.0	0.1	29.9
2025-11-08 05:48:33	2025-11-08 09:20:31	14	LVAG-04	0.0	8.0	7.98	0.51	8.0	89.16	21.0	0.1	29.9
2025-11-08 06:18:28	2025-11-08 09:20:35	14	LVAG-04	0.0	7.5	7.99	0.51	7.67	89.07	21.0	0.1	29.9
2025-11-08 06:48:23	2025-11-08 09:20:39	14	LVAG-04	0.0	7.25	7.98	0.51	7.41	92.35	21.0	0.1	29.9
2025-11-08 07:18:19	2025-11-08 09:20:44	14	LVAG-04	0.0	7.0	7.98	0.51	7.73	91.15	21.0	0.1	29.9
2025-11-08 07:48:16	2025-11-08 09:20:48	14	LVAG-04	0.0	7.75	7.99	0.51	8.8	93.36	21.0	0.1	29.9



2025-11-08 08:18:15	2025-11-08 09:20:52	14	LVAG-04	0.0	9.0	7.98	0.51	11.01	87.75	21.0	0.1	30.0
2025-11-08 08:48:14	2025-11-08 09:20:56	14	LVAG-04	0.0	10.75	7.99	0.51	12.37	84.63	21.0	0.1	30.0
2025-11-08 09:18:14	2025-11-08 09:21:00	14	LVAG-04	0.0	12.5	8.0	0.51	13.64	82.69	21.0	0.1	30.0
2025-11-08 09:50:40	2025-11-08 21:19:56	14	LVAG-04	0.0	14.5	8.0	0.51	15.27	74.55	23.0	718.9	32.4
2025-11-08 10:20:38	2025-11-08 21:20:01	14	LVAG-04	0.0	16.0	7.98	0.51	16.56	71.81	23.0	0.1	30.0
2025-11-08 10:50:36	2025-11-08 21:20:05	14	LVAG-04	0.0	17.25	7.97	0.51	17.74	66.86	23.0	0.1	30.0
2025-11-08 11:20:34	2025-11-08 21:20:11	14	LVAG-04	0.0	18.25	7.98	0.51	18.53	61.06	23.0	0.1	30.0
2025-11-08 11:50:31	2025-11-08 21:20:15	14	LVAG-04	0.0	19.0	7.96	0.51	19.22	60.33	23.0	0.1	29.9
2025-11-08 12:20:28	2025-11-08 21:20:19	14	LVAG-04	0.0	20.25	8.0	0.51	20.63	58.3	23.0	0.1	29.9
2025-11-08 12:50:28	2025-11-08 21:20:24	14	LVAG-04	0.0	21.75	8.03	0.51	20.74	56.35	23.0	0.1	30.0
2025-11-08 13:20:27	2025-11-08 21:20:28	14	LVAG-04	0.0	22.75	8.03	0.51	20.48	52.38	23.0	0.1	30.0
2025-11-08 13:50:25	2025-11-08 21:20:32	14	LVAG-04	0.0	23.5	8.03	0.5	21.43	53.85	23.0	0.1	30.0
2025-11-08 14:20:23	2025-11-08 21:20:37	14	LVAG-04	0.0	26.0	8.04	0.51	23.16	48.57	23.0	0.1	30.0
2025-11-08 14:50:25	2025-11-08 21:20:41	14	LVAG-04	0.0	28.25	8.03	0.49	23.4	53.57	23.0	0.1	30.0
2025-11-08 15:20:26	2025-11-08 21:20:46	14	LVAG-04	0.0	31.0	8.03	0.5	23.98	54.11	23.0	0.1	30.0
2025-11-08 15:50:27	2025-11-08 21:20:50	14	LVAG-04	0.0	33.25	8.0	0.51	22.57	50.36	23.0	0.1	30.0
2025-11-08 16:20:24	2025-11-08 21:20:54	14	LVAG-04	0.0	34.0	8.04	0.49	22.64	48.87	23.0	0.1	29.9
2025-11-08 16:50:20	2025-11-08 21:20:59	14	LVAG-04	0.0	34.25	8.0	0.5	21.9	50.82	23.0	0.1	29.9
2025-11-08 17:20:12	2025-11-08 21:21:03	14	LVAG-04	0.0	32.75	8.0	0.49	21.18	56.38	23.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 20 (Filas 666-700)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-08 17:50:06	2025-11-08 21:21:08	14	LVAG-04	0.0	31.75	8.04	0.48	20.56	57.38	23.0	0.1	29.9
2025-11-08 18:20:02	2025-11-08 21:21:13	14	LVAG-04	0.0	30.25	8.0	0.49	19.61	60.08	23.0	0.1	29.9
2025-11-08 18:49:49	2025-11-08 21:21:17	14	LVAG-04	0.0	27.0	8.01	0.49	19.23	64.26	23.0	0.1	29.8
2025-11-08 19:19:47	2025-11-08 21:21:22	14	LVAG-04	0.0	27.75	8.01	0.49	18.33	62.9	23.0	0.1	30.0
2025-11-08 19:49:38	2025-11-08 21:21:26	14	LVAG-04	0.0	24.5	8.01	0.48	16.48	70.59	23.0	0.1	29.9
2025-11-08 20:19:24	2025-11-08 21:21:30	14	LVAG-04	0.0	19.5	7.99	0.48	15.09	74.43	23.0	0.1	29.8
2025-11-08 20:49:13	2025-11-08 21:21:35	14	LVAG-04	0.0	16.5	8.0	0.48	13.92	77.14	23.0	0.1	29.8
2025-11-08 21:19:06	2025-11-08 21:21:40	14	LVAG-04	0.0	14.75	8.0	0.48	13.28	78.91	23.0	0.1	29.9
2025-11-08 21:51:12	2025-11-09 09:20:40	14	LVAG-04	0.0	13.75	7.98	0.47	13.06	82.62	23.0	719.0	32.1
2025-11-08 22:21:06	2025-11-09 09:20:45	14	LVAG-04	0.0	13.25	7.99	0.47	13.03	81.22	23.0	0.1	29.9
2025-11-08 22:51:02	2025-11-09 09:20:49	14	LVAG-04	0.0	13.0	8.0	0.47	12.8	82.34	23.0	0.1	29.9
2025-11-08 23:20:57	2025-11-09 09:20:54	14	LVAG-04	0.0	12.75	8.0	0.47	12.49	82.13	23.0	0.1	29.9
2025-11-08 23:50:53	2025-11-09 09:20:58	14	LVAG-04	0.0	12.75	7.99	0.47	12.53	85.17	23.0	0.1	29.9
2025-11-09 00:20:49	2025-11-09 09:21:03	14	LVAG-04	0.0	12.5	7.99	0.47	12.68	84.41	23.0	0.1	29.9
2025-11-09 00:50:45	2025-11-09 09:21:07	14	LVAG-04	0.0	12.5	8.0	0.46	12.7	84.18	23.0	0.1	29.9
2025-11-09 01:20:41	2025-11-09 09:21:12	14	LVAG-04	0.0	12.5	8.0	0.46	12.66	82.97	23.0	0.1	29.9

2025-11-09 01:50:38	2025-11-09 09:21:17	14	LVAG-04	0.0	12.75	8.0	0.46	12.8	81.56	23.0	0.1	29.9
2025-11-09 02:20:33	2025-11-09 09:21:21	14	LVAG-04	0.0	12.75	8.0	0.46	12.67	81.13	23.0	0.1	29.9
2025-11-09 02:50:29	2025-11-09 09:21:26	14	LVAG-04	0.0	12.75	7.99	0.46	12.64	82.37	23.0	0.1	29.9
2025-11-09 03:20:24	2025-11-09 09:21:30	14	LVAG-04	0.0	12.75	7.99	0.46	12.65	82.41	23.0	0.1	29.9
2025-11-09 03:50:21	2025-11-09 09:21:34	14	LVAG-04	0.0	12.75	8.0	0.46	12.66	82.29	23.0	0.1	29.9
2025-11-09 04:20:17	2025-11-09 09:21:39	14	LVAG-04	0.0	13.0	7.99	0.46	12.75	82.88	23.0	0.1	29.9
2025-11-09 04:50:13	2025-11-09 09:21:43	14	LVAG-04	0.0	12.75	8.0	0.45	12.65	81.53	23.0	0.1	29.9
2025-11-09 05:20:09	2025-11-09 09:21:47	14	LVAG-04	0.0	12.75	7.98	0.45	12.68	82.49	23.0	0.1	29.9
2025-11-09 05:50:05	2025-11-09 09:21:52	14	LVAG-04	0.0	12.75	8.0	0.45	12.68	84.96	23.0	0.1	29.9
2025-11-09 06:20:01	2025-11-09 09:21:56	14	LVAG-04	0.0	12.75	8.0	0.45	12.5	84.22	23.0	0.1	29.9
2025-11-09 06:49:57	2025-11-09 09:22:01	14	LVAG-04	0.0	12.75	7.98	0.45	12.44	83.5	23.0	0.1	29.9
2025-11-09 07:19:53	2025-11-09 09:22:05	14	LVAG-04	0.0	12.75	8.0	0.45	12.51	83.59	23.0	0.1	29.9
2025-11-09 07:49:50	2025-11-09 09:22:10	14	LVAG-04	0.0	12.75	7.99	0.45	12.51	82.15	23.0	0.1	29.9
2025-11-09 08:19:46	2025-11-09 09:22:14	14	LVAG-04	0.0	13.0	7.99	0.44	12.9	83.56	23.0	0.1	29.9
2025-11-09 08:49:44	2025-11-09 09:22:19	14	LVAG-04	0.0	13.5	7.99	0.44	13.19	83.79	23.0	0.1	30.0
2025-11-09 09:19:41	2025-11-09 09:22:23	14	LVAG-04	0.0	14.0	7.98	0.44	13.5	82.98	23.0	0.1	29.9
2025-11-09 09:51:59	2025-11-09 21:21:11	14	LVAG-04	0.0	14.75	7.99	0.44	13.31	81.33	22.0	718.8	32.3
2025-11-09 10:21:56	2025-11-09 21:21:15	14	LVAG-04	0.0	15.25	7.99	0.44	14.08	78.1	22.0	0.1	29.9
2025-11-09 10:51:54	2025-11-09 21:21:20	14	LVAG-04	0.0	17.0	8.0	0.44	15.34	75.06	22.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 21 (Filas 701-735)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-09 11:21:53	2025-11-09 21:21:25	14	LVAG-04	0.0	18.75	7.98	0.44	15.84	69.77	22.0	0.1	30.0
2025-11-09 11:51:48	2025-11-09 21:21:30	14	LVAG-04	0.0	18.75	8.0	0.43	16.23	69.16	22.0	0.1	29.9
2025-11-09 12:21:44	2025-11-09 21:21:34	14	LVAG-04	0.0	18.5	8.0	0.43	17.93	68.83	22.0	0.1	29.9
2025-11-09 12:51:44	2025-11-09 21:21:39	14	LVAG-04	0.0	20.75	8.04	0.43	20.48	59.25	22.0	0.1	30.0
2025-11-09 13:21:45	2025-11-09 21:21:43	14	LVAG-04	0.0	23.0	8.0	0.44	20.78	56.93	22.0	0.1	30.0
2025-11-09 13:51:43	2025-11-09 21:21:48	14	LVAG-04	0.0	24.75	8.0	0.43	23.02	42.33	22.0	0.1	30.0
2025-11-09 14:21:41	2025-11-09 21:21:52	14	LVAG-04	0.0	26.5	8.05	0.43	23.77	41.87	22.0	0.1	30.0
2025-11-09 14:51:46	2025-11-09 21:21:56	14	LVAG-04	0.0	30.25	8.02	0.43	24.98	38.53	22.0	0.1	30.1
2025-11-09 15:21:48	2025-11-09 21:22:01	14	LVAG-04	0.0	33.75	8.04	0.43	24.3	36.76	22.0	0.1	30.0
2025-11-09 15:51:44	2025-11-09 21:22:05	14	LVAG-04	0.0	35.25	8.01	0.43	25.81	43.38	22.0	0.1	29.9
2025-11-09 16:21:44	2025-11-09 21:22:09	14	LVAG-04	0.0	36.75	8.03	0.43	24.89	40.89	22.0	0.1	30.0
2025-11-09 16:51:42	2025-11-09 21:22:14	14	LVAG-04	0.0	37.25	8.04	0.42	23.91	49.25	22.0	0.1	30.0
2025-11-09 17:21:33	2025-11-09 21:22:18	14	LVAG-04	0.0	35.25	8.04	0.42	23.12	43.71	22.0	0.1	29.9
2025-11-09 17:51:27	2025-11-09 21:22:23	14	LVAG-04	0.0	34.5	8.05	0.43	22.74	43.08	22.0	0.1	29.9
2025-11-09 18:21:19	2025-11-09 21:22:27	14	LVAG-04	0.0	32.0	8.0	0.42	21.64	46.01	22.0	0.1	29.9
2025-11-09 18:51:05	2025-11-09 21:22:31	14	LVAG-04	0.0	28.0	8.01	0.42	21.29	48.88	22.0	0.1	29.8

2025-11-09 19:21:03	2025-11-09 21:22:36	14	LVAG-04	0.0	29.25	7.98	0.42	21.14	47.89	22.0	0.1	30.0
2025-11-09 19:50:56	2025-11-09 21:22:41	14	LVAG-04	0.0	26.5	8.01	0.42	19.11	61.5	22.0	0.1	29.9
2025-11-09 20:20:41	2025-11-09 21:22:46	14	LVAG-04	0.0	22.0	7.98	0.41	17.48	57.31	22.0	0.1	29.8
2025-11-09 20:50:29	2025-11-09 21:22:50	14	LVAG-04	0.0	19.0	8.0	0.41	16.03	59.55	22.0	0.1	29.8
2025-11-09 21:20:20	2025-11-09 21:22:55	14	LVAG-04	0.0	16.75	8.0	0.41	14.98	66.36	22.0	0.1	29.9
2025-11-09 21:52:26	2025-11-10 09:21:33	14	LVAG-04	0.0	15.5	8.0	0.41	13.67	71.33	20.0	718.6	32.1
2025-11-09 22:22:19	2025-11-10 09:21:38	14	LVAG-04	0.0	14.25	8.0	0.41	13.23	75.18	20.0	0.1	29.9
2025-11-09 22:52:13	2025-11-10 09:21:42	14	LVAG-04	0.0	13.25	8.0	0.41	12.63	75.73	20.0	0.1	29.9
2025-11-09 23:22:07	2025-11-10 09:21:46	14	LVAG-04	0.0	12.5	8.01	0.4	12.13	78.35	20.0	0.1	29.9
2025-11-09 23:52:02	2025-11-10 09:21:51	14	LVAG-04	0.0	12.0	7.99	0.4	11.74	75.59	20.0	0.1	29.9
2025-11-10 00:21:56	2025-11-10 09:21:55	14	LVAG-04	0.0	11.5	8.0	0.4	11.19	76.42	20.0	0.1	29.9
2025-11-10 00:51:52	2025-11-10 09:21:59	14	LVAG-04	0.0	10.75	7.99	0.4	10.68	79.0	20.0	0.1	29.9
2025-11-10 01:21:46	2025-11-10 09:22:04	14	LVAG-04	0.0	10.25	8.0	0.4	10.43	87.01	20.0	0.1	29.9
2025-11-10 01:51:41	2025-11-10 09:22:08	14	LVAG-04	0.0	10.0	7.99	0.4	10.1	81.51	20.0	0.1	29.9
2025-11-10 02:21:35	2025-11-10 09:22:12	14	LVAG-04	0.0	9.75	7.99	0.4	9.67	84.01	20.0	0.1	29.9
2025-11-10 02:51:31	2025-11-10 09:22:16	14	LVAG-04	0.0	9.25	7.99	0.4	9.4	84.05	20.0	0.1	29.9
2025-11-10 03:21:26	2025-11-10 09:22:21	14	LVAG-04	0.0	9.25	7.99	0.39	9.22	85.18	20.0	0.1	29.9
2025-11-10 03:51:20	2025-11-10 09:22:25	14	LVAG-04	0.0	8.5	7.98	0.39	8.68	87.81	20.0	0.1	29.9
2025-11-10 04:21:16	2025-11-10 09:22:29	14	LVAG-04	0.0	8.25	7.98	0.39	8.42	85.39	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 22 (Filas 736-770)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-10 04:51:10	2025-11-10 09:22:34	14	LVAG-04	0.0	8.0	7.95	0.39	8.1	85.58	20.0	0.1	29.9
2025-11-10 05:21:06	2025-11-10 09:22:38	14	LVAG-04	0.0	7.5	8.0	0.39	7.63	88.57	20.0	0.1	29.9
2025-11-10 05:51:02	2025-11-10 09:22:42	14	LVAG-04	0.0	7.25	7.98	0.39	7.29	89.66	20.0	0.1	29.9
2025-11-10 06:20:57	2025-11-10 09:22:47	14	LVAG-04	0.0	7.0	7.98	0.39	7.14	87.48	20.0	0.1	29.9
2025-11-10 06:50:53	2025-11-10 09:22:51	14	LVAG-04	0.0	6.5	7.99	0.38	6.99	89.66	20.0	0.1	29.9
2025-11-10 07:20:49	2025-11-10 09:22:55	14	LVAG-04	0.0	6.5	7.99	0.38	7.33	89.58	20.0	0.1	29.9
2025-11-10 07:50:46	2025-11-10 09:23:00	14	LVAG-04	0.0	7.25	8.0	0.38	8.36	90.2	20.0	0.1	29.9
2025-11-10 08:20:45	2025-11-10 09:23:04	14	LVAG-04	0.0	8.5	7.99	0.38	9.92	87.41	20.0	0.1	30.0
2025-11-10 08:50:44	2025-11-10 09:23:08	14	LVAG-04	0.0	10.25	7.99	0.38	11.93	79.69	20.0	0.1	30.0
2025-11-10 09:20:43	2025-11-10 09:23:12	14	LVAG-04	0.0	12.0	7.97	0.38	13.58	73.0	20.0	0.1	30.0
2025-11-10 09:52:52	2025-11-10 21:22:14	14	LVAG-04	0.0	14.25	7.98	0.38	15.19	65.12	21.0	719.0	32.1
2025-11-10 10:22:49	2025-11-10 21:22:18	14	LVAG-04	0.0	15.25	7.99	0.38	15.73	67.13	21.0	0.1	29.9
2025-11-10 10:52:47	2025-11-10 21:22:23	14	LVAG-04	0.0	16.5	7.98	0.38	16.78	65.69	21.0	0.1	30.0
2025-11-10 11:22:45	2025-11-10 21:22:27	14	LVAG-04	0.0	17.5	8.0	0.38	17.52	64.6	21.0	0.1	30.0
2025-11-10 11:52:44	2025-11-10 21:22:31	14	LVAG-04	0.0	18.5	8.0	0.38	18.74	58.58	21.0	0.1	30.0
2025-11-10 12:22:41	2025-11-10 21:22:36	14	LVAG-04	0.0	19.75	8.0	0.38	20.16	57.23	21.0	0.1	29.9

2025-11-10 12:52:40	2025-11-10 21:22:40	14	LVAG-04	0.0	22.0	8.03	0.38	21.96	49.21	21.0	0.1	30.0
2025-11-10 13:22:43	2025-11-10 21:22:44	14	LVAG-04	0.0	24.5	8.0	0.38	22.52	53.43	21.0	0.1	30.1
2025-11-10 13:52:41	2025-11-10 21:22:48	14	LVAG-04	0.0	26.25	8.03	0.39	23.54	39.41	21.0	0.1	30.0
2025-11-10 14:22:38	2025-11-10 21:22:53	14	LVAG-04	0.0	27.5	8.0	0.39	23.73	42.46	21.0	0.1	29.9
2025-11-10 14:52:40	2025-11-10 21:22:57	14	LVAG-04	0.0	31.0	8.01	0.39	24.85	41.36	21.0	0.1	30.0
2025-11-10 15:22:39	2025-11-10 21:23:01	14	LVAG-04	0.0	32.5	8.0	0.39	24.05	44.64	21.0	0.1	30.0
2025-11-10 15:52:33	2025-11-10 21:23:05	14	LVAG-04	0.0	31.75	8.03	0.39	23.39	46.42	21.0	0.1	29.9
2025-11-10 16:22:29	2025-11-10 21:23:10	14	LVAG-04	0.0	31.75	8.02	0.38	23.87	49.73	21.0	0.1	29.9
2025-11-10 16:52:30	2025-11-10 21:23:14	14	LVAG-04	0.0	35.75	8.03	0.39	23.82	49.56	21.0	0.1	30.0
2025-11-10 17:22:29	2025-11-10 21:23:18	14	LVAG-04	0.0	37.5	8.05	0.4	23.61	41.1	21.0	0.1	30.0
2025-11-10 17:52:24	2025-11-10 21:23:23	14	LVAG-04	0.0	37.0	8.04	0.4	22.77	42.63	21.0	0.1	29.9
2025-11-10 18:22:14	2025-11-10 21:23:27	14	LVAG-04	0.0	32.0	8.0	0.4	20.21	50.11	21.0	0.1	29.8
2025-11-10 18:51:58	2025-11-10 21:23:31	14	LVAG-04	0.0	27.0	8.01	0.4	19.61	50.32	21.0	0.1	29.7
2025-11-10 19:21:54	2025-11-10 21:23:36	14	LVAG-04	0.0	27.5	8.0	0.41	19.07	50.83	21.0	0.1	29.9
2025-11-10 19:51:43	2025-11-10 21:23:40	14	LVAG-04	0.0	23.25	8.01	0.4	16.66	61.84	21.0	0.1	29.8
2025-11-10 20:21:30	2025-11-10 21:23:44	14	LVAG-04	0.0	18.75	7.98	0.4	15.47	61.52	21.0	0.1	29.8
2025-11-10 20:51:22	2025-11-10 21:23:49	14	LVAG-04	0.0	16.75	7.98	0.4	14.9	60.01	21.0	0.1	29.9
2025-11-10 21:21:15	2025-11-10 21:23:53	14	LVAG-04	0.0	15.5	8.0	0.41	14.61	58.75	21.0	0.1	29.9
2025-11-10 21:53:26	2025-11-11 09:22:33	14	LVAG-04	0.0	14.75	8.0	0.41	14.15	66.04	21.0	718.7	32.2

## ■ DATOS COMPLETOS - Página 23 (Filas 771-805)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-10 22:23:21	2025-11-11 09:22:37	14	LVAG-04	0.0	14.0	8.0	0.41	13.17	58.82	21.0	0.1	29.9
2025-11-10 22:53:15	2025-11-11 09:22:42	14	LVAG-04	0.0	13.5	8.0	0.41	12.88	66.64	21.0	0.1	29.9
2025-11-10 23:23:09	2025-11-11 09:22:46	14	LVAG-04	0.0	12.5	8.0	0.41	11.88	67.29	21.0	0.1	29.9
2025-11-10 23:53:03	2025-11-11 09:22:50	14	LVAG-04	0.0	11.75	8.0	0.42	11.23	69.77	21.0	0.1	29.9
2025-11-11 00:22:57	2025-11-11 09:22:55	14	LVAG-04	0.0	11.0	8.0	0.42	10.78	73.69	21.0	0.1	29.9
2025-11-11 00:52:52	2025-11-11 09:22:59	14	LVAG-04	0.0	10.5	7.98	0.42	10.31	77.99	21.0	0.1	29.9
2025-11-11 01:22:46	2025-11-11 09:23:04	14	LVAG-04	0.0	10.0	7.99	0.42	9.97	79.01	21.0	0.1	29.9
2025-11-11 01:52:41	2025-11-11 09:23:08	14	LVAG-04	0.0	9.5	8.0	0.43	9.44	84.26	21.0	0.1	29.9
2025-11-11 02:22:36	2025-11-11 09:23:12	14	LVAG-04	0.0	9.5	7.99	0.43	9.73	83.63	21.0	0.1	29.9
2025-11-11 02:52:31	2025-11-11 09:23:17	14	LVAG-04	0.0	9.5	7.99	0.43	9.63	84.57	21.0	0.1	29.9
2025-11-11 03:22:26	2025-11-11 09:23:21	14	LVAG-04	0.0	9.25	8.0	0.43	9.52	86.3	21.0	0.1	29.9
2025-11-11 03:52:23	2025-11-11 09:23:26	14	LVAG-04	0.0	9.25	7.99	0.44	9.25	89.06	21.0	0.1	29.9
2025-11-11 04:22:18	2025-11-11 09:23:30	14	LVAG-04	0.0	9.0	7.99	0.44	8.94	92.9	21.0	0.1	29.9
2025-11-11 04:52:13	2025-11-11 09:23:34	14	LVAG-04	0.0	8.75	7.99	0.44	8.71	92.0	21.0	0.1	29.9
2025-11-11 05:22:09	2025-11-11 09:23:39	14	LVAG-04	0.0	8.5	7.99	0.44	8.45	94.34	21.0	0.1	29.9
2025-11-11 05:52:04	2025-11-11 09:23:43	14	LVAG-04	0.0	8.25	8.0	0.44	8.21	93.85	21.0	0.1	29.9



2025-11-11 06:22:00	2025-11-11 09:23:47	14	LVAG-04	0.0	7.75	7.98	0.44	7.86	91.13	21.0	0.1	29.9
2025-11-11 06:51:55	2025-11-11 09:23:51	14	LVAG-04	0.0	7.75	7.99	0.45	7.92	92.75	21.0	0.1	29.9
2025-11-11 07:21:51	2025-11-11 09:23:56	14	LVAG-04	0.0	8.0	7.99	0.45	8.51	93.17	21.0	0.1	29.9
2025-11-11 07:51:48	2025-11-11 09:24:00	14	LVAG-04	0.0	8.75	7.98	0.45	9.69	94.91	21.0	0.1	29.9
2025-11-11 08:21:47	2025-11-11 09:24:04	14	LVAG-04	0.0	9.75	7.97	0.45	10.53	89.14	21.0	0.1	30.0
2025-11-11 08:51:46	2025-11-11 09:24:09	14	LVAG-04	0.0	10.75	7.98	0.45	11.65	86.24	21.0	0.1	30.0
2025-11-11 09:21:43	2025-11-11 09:24:13	14	LVAG-04	0.0	12.0	7.99	0.46	12.67	79.68	21.0	0.1	29.9
2025-11-11 09:53:50	2025-11-11 21:23:14	14	LVAG-04	0.0	13.25	7.98	0.46	13.66	79.17	20.0	719.0	32.1
2025-11-11 10:23:48	2025-11-11 21:23:18	14	LVAG-04	0.0	14.25	7.99	0.46	14.34	73.83	20.0	0.1	30.0
2025-11-11 10:53:46	2025-11-11 21:23:22	14	LVAG-04	0.0	15.25	7.99	0.46	15.66	68.56	20.0	0.1	30.0
2025-11-11 11:23:44	2025-11-11 21:23:26	14	LVAG-04	0.0	16.5	8.0	0.46	16.97	61.15	20.0	0.1	30.0
2025-11-11 11:53:43	2025-11-11 21:23:31	14	LVAG-04	0.0	17.5	7.99	0.46	17.96	59.13	20.0	0.1	30.0
2025-11-11 12:23:40	2025-11-11 21:23:35	14	LVAG-04	0.0	18.75	7.98	0.46	18.77	55.79	20.0	0.1	29.9
2025-11-11 12:53:40	2025-11-11 21:23:39	14	LVAG-04	0.0	21.25	7.99	0.47	21.63	49.93	20.0	0.1	30.0
2025-11-11 13:23:42	2025-11-11 21:23:44	14	LVAG-04	0.0	23.75	7.98	0.47	22.34	50.06	20.0	0.1	30.0
2025-11-11 13:53:40	2025-11-11 21:23:48	14	LVAG-04	0.0	25.25	8.03	0.47	22.95	46.05	20.0	0.1	30.0
2025-11-11 14:23:39	2025-11-11 21:23:52	14	LVAG-04	0.0	27.5	8.03	0.47	24.76	37.84	20.0	0.1	30.0
2025-11-11 14:53:45	2025-11-11 21:23:57	14	LVAG-04	0.0	33.0	7.98	0.47	27.09	39.89	20.0	0.1	30.1
2025-11-11 15:23:48	2025-11-11 21:24:01	14	LVAG-04	0.0	36.5	8.01	0.47	26.39	37.72	20.0	0.1	30.1

## ■ DATOS COMPLETOS - Página 24 (Filas 806-840)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-11 15:53:46	2025-11-11 21:24:05	14	LVAG-04	0.0	38.75	8.0	0.47	26.73	35.88	20.0	0.1	30.0
2025-11-11 16:23:46	2025-11-11 21:24:10	14	LVAG-04	0.0	39.75	8.01	0.48	24.79	33.56	20.0	0.1	30.0
2025-11-11 16:53:37	2025-11-11 21:24:14	14	LVAG-04	0.0	38.5	8.03	0.47	25.74	32.44	20.0	0.1	29.9
2025-11-11 17:23:35	2025-11-11 21:24:18	14	LVAG-04	0.0	38.75	8.03	0.46	25.74	38.97	20.0	0.1	30.0
2025-11-11 17:53:29	2025-11-11 21:24:23	14	LVAG-04	0.0	38.25	8.03	0.47	24.64	36.58	20.0	0.1	29.9
2025-11-11 18:23:18	2025-11-11 21:24:27	14	LVAG-04	0.0	32.75	8.01	0.48	22.97	40.72	20.0	0.1	29.8
2025-11-11 18:53:04	2025-11-11 21:24:32	14	LVAG-04	0.0	28.75	8.03	0.48	22.84	42.12	20.0	0.1	29.8
2025-11-11 19:22:59	2025-11-11 21:24:36	14	LVAG-04	0.0	29.0	7.91	0.48	22.3	44.1	20.0	0.1	29.9
2025-11-11 19:52:49	2025-11-11 21:24:40	14	LVAG-04	0.0	25.25	8.01	0.48	20.2	52.1	20.0	0.1	29.8
2025-11-11 20:22:38	2025-11-11 21:24:44	14	LVAG-04	0.0	21.75	8.0	0.48	19.35	53.86	20.0	0.1	29.8
2025-11-11 20:52:31	2025-11-11 21:24:49	14	LVAG-04	0.0	20.0	7.99	0.48	18.18	58.03	20.0	0.1	29.9
2025-11-11 21:22:23	2025-11-11 21:24:53	14	LVAG-04	0.0	18.5	8.0	0.48	17.04	62.91	20.0	0.1	29.9
2025-11-11 21:54:24	2025-11-12 09:23:29	14	LVAG-04	0.0	17.25	8.01	0.48	15.5	72.82	21.0	718.6	32.0
2025-11-11 22:24:17	2025-11-12 09:23:34	14	LVAG-04	0.0	16.0	8.0	0.48	15.03	77.48	21.0	0.1	29.9
2025-11-11 22:54:10	2025-11-12 09:23:39	14	LVAG-04	0.0	15.25	8.0	0.48	14.51	72.49	21.0	0.1	29.9
2025-11-11 23:24:04	2025-11-12 09:23:43	14	LVAG-04	0.0	14.25	8.0	0.48	13.75	78.18	21.0	0.1	29.9

2025-11-11 23:53:58	2025-11-12 09:23:48	14	LVAG-04	0.0	13.75	8.0	0.49	13.45	82.45	21.0	0.1	29.9
2025-11-12 00:23:53	2025-11-12 09:23:52	14	LVAG-04	0.0	13.25	8.0	0.49	13.14	80.29	21.0	0.1	29.9
2025-11-12 00:53:48	2025-11-12 09:23:57	14	LVAG-04	0.0	12.75	8.0	0.49	12.7	82.31	21.0	0.1	29.9
2025-11-12 01:23:43	2025-11-12 09:24:02	14	LVAG-04	0.0	12.5	8.0	0.49	12.5	85.81	21.0	0.1	29.9
2025-11-12 01:53:38	2025-11-12 09:24:07	14	LVAG-04	0.0	12.25	7.98	0.49	11.9	85.63	21.0	0.1	29.9
2025-11-12 02:23:33	2025-11-12 09:24:11	14	LVAG-04	0.0	11.75	7.99	0.49	11.37	85.82	21.0	0.1	29.9
2025-11-12 02:53:27	2025-11-12 09:24:16	14	LVAG-04	0.0	11.0	7.99	0.49	10.83	83.97	21.0	0.1	29.9
2025-11-12 03:23:23	2025-11-12 09:24:20	14	LVAG-04	0.0	10.75	7.99	0.49	10.45	92.62	21.0	0.1	29.9
2025-11-12 03:53:17	2025-11-12 09:24:25	14	LVAG-04	0.0	10.25	7.99	0.49	9.99	90.94	21.0	0.1	29.9
2025-11-12 04:23:12	2025-11-12 09:24:29	14	LVAG-04	0.0	9.75	7.99	0.49	9.53	86.07	21.0	0.1	29.9
2025-11-12 04:53:06	2025-11-12 09:24:33	14	LVAG-04	0.0	9.25	7.99	0.5	9.12	88.41	21.0	0.1	29.9
2025-11-12 05:23:01	2025-11-12 09:24:38	14	LVAG-04	0.0	8.75	7.99	0.5	8.76	88.71	21.0	0.1	29.9
2025-11-12 05:52:56	2025-11-12 09:24:43	14	LVAG-04	0.0	8.25	7.97	0.5	8.39	89.48	21.0	0.1	29.9
2025-11-12 06:22:50	2025-11-12 09:24:47	14	LVAG-04	0.0	8.0	7.99	0.5	8.13	89.0	21.0	0.1	29.9
2025-11-12 06:52:45	2025-11-12 09:24:52	14	LVAG-04	0.0	7.75	7.98	0.5	8.14	90.8	21.0	0.1	29.9
2025-11-12 07:22:41	2025-11-12 09:24:56	14	LVAG-04	0.0	8.0	7.98	0.5	8.43	92.29	21.0	0.1	29.9
2025-11-12 07:52:38	2025-11-12 09:25:00	14	LVAG-04	0.0	8.75	7.98	0.5	10.29	88.38	21.0	0.1	29.9
2025-11-12 08:22:38	2025-11-12 09:25:05	14	LVAG-04	0.0	10.75	7.99	0.5	13.3	75.46	21.0	0.1	30.0
2025-11-12 08:52:39	2025-11-12 09:25:10	14	LVAG-04	0.0	13.0	7.99	0.5	14.46	71.3	21.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 25 (Filas 841-875)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-12 09:22:38	2025-11-12 09:25:14	14	LVAG-04	0.0	14.75	8.0	0.5	15.68	67.79	21.0	0.1	30.0
2025-11-12 09:54:52	2025-11-12 21:24:12	14	LVAG-04	0.0	16.25	7.98	0.5	16.98	60.42	24.0	719.0	32.2
2025-11-12 10:24:49	2025-11-12 21:24:17	14	LVAG-04	0.0	17.5	7.98	0.5	17.97	57.61	24.0	0.1	29.9
2025-11-12 10:54:48	2025-11-12 21:24:22	14	LVAG-04	0.0	18.75	7.99	0.5	19.18	53.74	24.0	0.1	30.0
2025-11-12 11:24:46	2025-11-12 21:24:26	14	LVAG-04	0.0	19.75	8.0	0.5	20.24	52.56	24.0	0.1	30.0
2025-11-12 11:54:43	2025-11-12 21:24:33	14	LVAG-04	0.0	20.75	8.0	0.5	21.0	56.38	24.0	0.1	29.9
2025-11-12 12:24:42	2025-11-12 21:24:38	14	LVAG-04	0.0	22.0	8.0	0.5	22.6	47.67	24.0	0.1	30.0
2025-11-12 12:54:42	2025-11-12 21:24:42	14	LVAG-04	0.0	24.75	7.98	0.5	24.7	40.02	24.0	0.1	30.0
2025-11-12 13:24:44	2025-11-12 21:24:47	14	LVAG-04	0.0	27.5	8.01	0.5	25.99	39.31	24.0	0.1	30.0
2025-11-12 13:54:43	2025-11-12 21:24:51	14	LVAG-04	0.0	29.25	7.98	0.5	27.07	35.34	24.0	0.1	30.0
2025-11-12 14:24:42	2025-11-12 21:24:55	14	LVAG-04	0.0	31.5	8.03	0.5	29.53	39.6	24.0	0.1	30.0
2025-11-12 14:54:48	2025-11-12 21:25:00	14	LVAG-04	0.0	37.5	8.03	0.5	29.76	35.23	24.0	0.1	30.1
2025-11-12 15:24:51	2025-11-12 21:25:04	14	LVAG-04	0.0	41.0	8.04	0.5	30.54	33.09	24.0	0.1	30.1
2025-11-12 15:54:50	2025-11-12 21:25:09	14	LVAG-04	0.0	43.5	8.03	0.5	30.35	28.74	24.0	0.1	30.0
2025-11-12 16:24:49	2025-11-12 21:25:13	14	LVAG-04	0.0	45.0	8.03	0.51	30.16	37.91	24.0	0.1	30.0
2025-11-12 16:54:43	2025-11-12 21:25:17	14	LVAG-04	0.0	45.25	8.05	0.5	30.07	35.83	24.0	0.1	29.9

2025-11-12 17:24:40	2025-11-12 21:25:22	14	LVAG-04	0.0	47.0	8.04	0.5	31.28	28.18	24.0	0.1	29.9
2025-11-12 17:54:38	2025-11-12 21:25:26	14	LVAG-04	0.0	47.75	8.05	0.51	29.77	30.34	24.0	0.1	30.0
2025-11-12 18:24:27	2025-11-12 21:25:31	14	LVAG-04	0.0	41.5	8.01	0.51	27.03	32.95	24.0	0.1	29.8
2025-11-12 18:54:06	2025-11-12 21:25:35	14	LVAG-04	0.0	34.5	8.01	0.51	26.44	34.88	24.0	0.1	29.6
2025-11-12 19:24:03	2025-11-12 21:25:40	14	LVAG-04	0.0	35.0	7.98	0.51	25.99	36.12	24.0	0.1	29.9
2025-11-12 19:53:51	2025-11-12 21:25:45	14	LVAG-04	0.0	30.25	7.96	0.5	23.83	44.58	24.0	0.1	29.8
2025-11-12 20:23:39	2025-11-12 21:25:49	14	LVAG-04	0.0	26.25	8.0	0.5	21.95	51.86	24.0	0.1	29.8
2025-11-12 20:53:29	2025-11-12 21:25:53	14	LVAG-04	0.0	23.25	7.98	0.5	20.41	57.9	24.0	0.1	29.8
2025-11-12 21:23:21	2025-11-12 21:25:58	14	LVAG-04	0.0	21.0	7.98	0.5	18.17	66.31	24.0	0.1	29.9
2025-11-12 21:55:27	2025-11-13 09:24:50	14	LVAG-04	0.0	19.25	7.98	0.5	17.31	67.34	22.0	718.9	32.1
2025-11-12 22:25:21	2025-11-13 09:24:54	14	LVAG-04	0.0	17.75	8.0	0.5	16.12	71.94	22.0	0.1	29.9
2025-11-12 22:55:15	2025-11-13 09:24:59	14	LVAG-04	0.0	16.75	8.0	0.5	15.81	73.25	22.0	0.1	29.9
2025-11-12 23:25:09	2025-11-13 09:25:04	14	LVAG-04	0.0	15.75	8.0	0.5	15.15	76.7	22.0	0.1	29.9
2025-11-12 23:55:03	2025-11-13 09:25:09	14	LVAG-04	0.0	15.0	8.0	0.5	14.44	71.48	22.0	0.1	29.9
2025-11-13 00:24:58	2025-11-13 09:25:14	14	LVAG-04	0.0	14.25	7.95	0.5	13.65	77.51	22.0	0.1	29.9
2025-11-13 00:54:52	2025-11-13 09:25:18	14	LVAG-04	0.0	13.5	7.98	0.5	12.68	80.68	22.0	0.1	29.9
2025-11-13 01:24:47	2025-11-13 09:25:23	14	LVAG-04	0.0	13.0	8.0	0.5	12.72	79.38	22.0	0.1	29.9
2025-11-13 01:54:42	2025-11-13 09:25:28	14	LVAG-04	0.0	12.5	8.0	0.51	12.28	79.89	22.0	0.1	29.9
2025-11-13 02:24:37	2025-11-13 09:25:32	14	LVAG-04	0.0	12.0	8.0	0.51	11.69	83.59	22.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 26 (Filas 876-910)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-13 02:54:33	2025-11-13 09:25:37	14	LVAG-04	0.0	11.5	7.98	0.51	11.38	81.05	22.0	0.1	29.9
2025-11-13 03:24:27	2025-11-13 09:25:41	14	LVAG-04	0.0	11.0	7.98	0.51	10.91	81.41	22.0	0.1	29.9
2025-11-13 03:54:21	2025-11-13 09:25:46	14	LVAG-04	0.0	10.5	7.98	0.51	10.66	84.39	22.0	0.1	29.9
2025-11-13 04:24:16	2025-11-13 09:25:50	14	LVAG-04	0.0	10.25	7.99	0.51	10.24	81.33	22.0	0.1	29.9
2025-11-13 04:54:11	2025-11-13 09:25:54	14	LVAG-04	0.0	9.75	7.99	0.51	9.95	83.48	22.0	0.1	29.9
2025-11-13 05:24:06	2025-11-13 09:25:59	14	LVAG-04	0.0	9.5	7.99	0.51	9.57	83.09	22.0	0.1	29.9
2025-11-13 05:54:02	2025-11-13 09:26:03	14	LVAG-04	0.0	9.5	7.98	0.51	11.45	77.56	22.0	0.1	29.9
2025-11-13 06:24:00	2025-11-13 09:26:07	14	LVAG-04	0.0	10.0	7.99	0.51	10.63	85.87	22.0	0.1	30.0
2025-11-13 06:53:56	2025-11-13 09:26:11	14	LVAG-04	0.0	10.25	7.98	0.51	10.51	85.3	22.0	0.1	29.9
2025-11-13 07:23:54	2025-11-13 09:26:16	14	LVAG-04	0.0	10.25	7.98	0.51	11.3	84.15	22.0	0.1	30.0
2025-11-13 07:53:51	2025-11-13 09:26:20	14	LVAG-04	0.0	11.5	7.99	0.51	13.02	75.38	22.0	0.1	29.9
2025-11-13 08:23:51	2025-11-13 09:26:24	14	LVAG-04	0.0	13.5	7.99	0.51	15.51	64.83	22.0	0.1	30.0
2025-11-13 08:53:51	2025-11-13 09:26:29	14	LVAG-04	0.0	15.5	7.97	0.51	16.99	62.24	22.0	0.1	30.0
2025-11-13 09:23:50	2025-11-13 09:26:33	14	LVAG-04	0.0	17.0	7.99	0.51	17.96	57.22	22.0	0.1	30.0
2025-11-13 09:56:11	2025-11-13 21:25:37	14	LVAG-04	0.0	18.5	8.0	0.51	19.41	54.8	21.0	719.1	32.4
2025-11-13 10:26:09	2025-11-13 21:25:42	14	LVAG-04	0.0	20.0	8.0	0.51	20.82	51.78	21.0	0.1	30.0

2025-11-13 10:56:08	2025-11-13 21:25:47	14	LVAG-04	0.0	21.25	7.99	0.51	22.17	40.85	21.0	0.1	30.0
2025-11-13 11:26:07	2025-11-13 21:25:53	14	LVAG-04	0.0	22.75	7.99	0.51	22.97	46.67	21.0	0.1	30.0
2025-11-13 11:56:05	2025-11-13 21:25:58	14	LVAG-04	0.0	23.75	7.99	0.51	23.77	46.2	21.0	0.1	30.0
2025-11-13 12:26:04	2025-11-13 21:26:02	14	LVAG-04	0.0	25.25	7.99	0.51	26.11	42.08	21.0	0.1	30.0
2025-11-13 12:56:04	2025-11-13 21:26:07	14	LVAG-04	0.0	28.25	8.02	0.5	28.02	34.63	21.0	0.1	30.0
2025-11-13 13:26:05	2025-11-13 21:26:11	14	LVAG-04	0.0	30.5	7.98	0.51	28.36	32.37	21.0	0.1	30.0
2025-11-13 13:56:02	2025-11-13 21:26:16	14	LVAG-04	0.0	31.0	7.99	0.51	28.85	31.92	21.0	0.1	29.9
2025-11-13 14:26:01	2025-11-13 21:26:20	14	LVAG-04	0.0	33.25	8.04	0.5	29.99	27.75	21.0	0.1	30.0
2025-11-13 14:56:01	2025-11-13 21:26:25	14	LVAG-04	0.0	35.25	8.03	0.5	30.99	26.89	21.0	0.1	30.0
2025-11-13 15:26:03	2025-11-13 21:26:29	14	LVAG-04	0.0	39.0	8.05	0.51	32.01	26.22	21.0	0.1	30.0
2025-11-13 15:56:05	2025-11-13 21:26:34	14	LVAG-04	0.0	42.0	8.01	0.51	31.53	29.03	21.0	0.1	30.0
2025-11-13 16:26:02	2025-11-13 21:26:38	14	LVAG-04	0.0	43.0	8.05	0.5	31.33	35.66	21.0	0.1	29.9
2025-11-13 16:55:58	2025-11-13 21:26:43	14	LVAG-04	0.0	44.5	8.05	0.51	31.2	33.55	21.0	0.1	29.9
2025-11-13 17:25:50	2025-11-13 21:26:47	14	LVAG-04	0.0	43.0	8.05	0.51	30.71	35.94	21.0	0.1	29.9
2025-11-13 17:55:47	2025-11-13 21:26:52	14	LVAG-04	0.0	43.0	8.05	0.51	29.35	36.0	21.0	0.1	29.9
2025-11-13 18:25:35	2025-11-13 21:26:56	14	LVAG-04	0.0	37.25	8.02	0.51	27.72	36.65	21.0	0.1	29.8
2025-11-13 18:55:20	2025-11-13 21:27:00	14	LVAG-04	0.0	33.0	8.01	0.5	27.39	39.36	21.0	0.1	29.8
2025-11-13 19:25:20	2025-11-13 21:27:05	14	LVAG-04	0.0	35.5	8.0	0.51	27.49	38.76	21.0	0.1	30.0
2025-11-13 19:55:10	2025-11-13 21:27:09	14	LVAG-04	0.0	32.0	8.01	0.5	25.07	44.4	21.0	0.1	29.8

## ■ DATOS COMPLETOS - Página 27 (Filas 911-945)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-13 20:24:57	2025-11-13 21:27:14	14	LVAG-04	0.0	27.75	8.01	0.5	22.89	50.81	21.0	0.1	29.8
2025-11-13 20:54:46	2025-11-13 21:27:18	14	LVAG-04	0.0	24.5	8.01	0.5	20.98	61.39	21.0	0.1	29.8
2025-11-13 21:24:37	2025-11-13 21:27:23	14	LVAG-04	0.0	22.25	8.0	0.5	19.85	60.91	21.0	0.1	29.9
2025-11-13 21:56:53	2025-11-14 09:25:57	14	LVAG-04	0.0	20.5	8.01	0.5	18.41	65.15	21.0	718.6	32.3
2025-11-13 22:26:46	2025-11-14 09:26:01	14	LVAG-04	0.0	19.25	8.0	0.5	18.03	77.0	21.0	0.1	29.9
2025-11-13 22:56:40	2025-11-14 09:26:05	14	LVAG-04	0.0	18.25	8.0	0.5	17.34	76.52	21.0	0.1	29.9
2025-11-13 23:26:34	2025-11-14 09:26:10	14	LVAG-04	0.0	17.5	8.0	0.5	16.56	76.2	21.0	0.1	29.9
2025-11-13 23:56:29	2025-11-14 09:26:14	14	LVAG-04	0.0	16.75	8.0	0.5	16.13	72.91	21.0	0.1	29.9
2025-11-14 00:26:23	2025-11-14 09:26:18	14	LVAG-04	0.0	16.0	8.0	0.5	15.67	75.75	21.0	0.1	29.9
2025-11-14 00:56:17	2025-11-14 09:26:23	14	LVAG-04	0.0	15.25	7.98	0.5	14.88	78.13	21.0	0.1	29.9
2025-11-14 01:26:11	2025-11-14 09:26:27	14	LVAG-04	0.0	14.75	8.0	0.5	14.01	83.29	21.0	0.1	29.9
2025-11-14 01:56:06	2025-11-14 09:26:31	14	LVAG-04	0.0	14.0	8.0	0.5	13.77	78.51	21.0	0.1	29.9
2025-11-14 02:26:01	2025-11-14 09:26:36	14	LVAG-04	0.0	13.5	8.0	0.5	13.36	84.9	21.0	0.1	29.9
2025-11-14 02:55:56	2025-11-14 09:26:40	14	LVAG-04	0.0	13.25	8.0	0.5	13.21	84.69	21.0	0.1	29.9
2025-11-14 03:25:50	2025-11-14 09:26:44	14	LVAG-04	0.0	12.75	8.0	0.5	12.63	81.84	21.0	0.1	29.9
2025-11-14 03:55:46	2025-11-14 09:26:49	14	LVAG-04	0.0	12.5	7.99	0.5	12.26	84.54	21.0	0.1	29.9



2025-11-14 04:25:41	2025-11-14 09:26:53	14	LVAG-04	0.0	12.0	8.0	0.5	11.73	84.92	21.0	0.1	29.9
2025-11-14 04:55:35	2025-11-14 09:26:57	14	LVAG-04	0.0	11.5	8.0	0.5	11.25	84.82	21.0	0.1	29.9
2025-11-14 05:25:31	2025-11-14 09:27:02	14	LVAG-04	0.0	11.0	7.99	0.5	11.04	86.45	21.0	0.1	29.9
2025-11-14 05:55:25	2025-11-14 09:27:06	14	LVAG-04	0.0	10.75	7.99	0.49	10.64	89.96	21.0	0.1	29.9
2025-11-14 06:25:21	2025-11-14 09:27:10	14	LVAG-04	0.0	10.25	7.99	0.49	10.31	89.21	21.0	0.1	29.9
2025-11-14 06:55:15	2025-11-14 09:27:15	14	LVAG-04	0.0	10.0	8.0	0.49	10.33	87.91	21.0	0.1	29.9
2025-11-14 07:25:11	2025-11-14 09:27:19	14	LVAG-04	0.0	10.25	7.98	0.49	10.87	89.38	21.0	0.1	29.9
2025-11-14 07:55:09	2025-11-14 09:27:23	14	LVAG-04	0.0	11.0	7.99	0.49	12.09	85.33	21.0	0.1	30.0
2025-11-14 08:25:08	2025-11-14 09:27:28	14	LVAG-04	0.0	12.5	8.0	0.49	14.37	78.97	21.0	0.1	30.0
2025-11-14 08:55:07	2025-11-14 09:27:32	14	LVAG-04	0.0	14.5	7.99	0.49	15.85	78.6	21.0	0.1	30.0
2025-11-14 09:25:06	2025-11-14 09:27:36	14	LVAG-04	0.0	16.0	7.98	0.49	17.09	74.43	21.0	0.1	30.0
2025-11-14 09:57:13	2025-11-14 21:26:30	14	LVAG-04	0.0	17.75	7.99	0.49	18.48	73.15	21.0	718.9	32.1
2025-11-14 10:27:12	2025-11-14 21:26:34	14	LVAG-04	0.0	19.0	8.0	0.49	19.72	64.11	21.0	0.1	30.0
2025-11-14 10:57:10	2025-11-14 21:26:39	14	LVAG-04	0.0	20.25	7.99	0.49	20.57	62.26	21.0	0.1	30.0
2025-11-14 11:27:08	2025-11-14 21:26:43	14	LVAG-04	0.0	21.5	8.0	0.49	21.66	58.31	21.0	0.1	30.0
2025-11-14 11:57:06	2025-11-14 21:26:48	14	LVAG-04	0.0	22.5	7.99	0.49	22.86	57.04	21.0	0.1	30.0
2025-11-14 12:27:03	2025-11-14 21:26:52	14	LVAG-04	0.0	24.0	7.96	0.49	24.25	49.59	21.0	0.1	29.9
2025-11-14 12:57:02	2025-11-14 21:26:56	14	LVAG-04	0.0	25.75	8.0	0.48	24.71	50.64	21.0	0.1	30.0
2025-11-14 13:27:01	2025-11-14 21:27:01	14	LVAG-04	0.0	27.25	7.98	0.49	26.28	46.59	21.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 28 (Filas 946-980)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-14 13:57:00	2025-11-14 21:27:06	14	LVAG-04	0.0	29.25	7.99	0.49	27.5	42.78	21.0	0.1	30.0
2025-11-14 14:26:59	2025-11-14 21:27:10	14	LVAG-04	0.0	31.0	7.95	0.48	28.42	44.35	21.0	0.1	30.0
2025-11-14 14:57:05	2025-11-14 21:27:15	14	LVAG-04	0.0	36.25	8.03	0.49	29.27	43.52	21.0	0.1	30.1
2025-11-14 15:27:05	2025-11-14 21:27:19	14	LVAG-04	0.0	38.25	8.0	0.48	27.72	44.26	21.0	0.1	30.0
2025-11-14 15:57:01	2025-11-14 21:27:23	14	LVAG-04	0.0	38.25	8.01	0.48	27.54	42.42	21.0	0.1	29.9
2025-11-14 16:26:58	2025-11-14 21:27:28	14	LVAG-04	0.0	40.0	8.04	0.48	27.37	44.43	21.0	0.1	29.9
2025-11-14 16:56:53	2025-11-14 21:27:32	14	LVAG-04	0.0	40.25	8.05	0.49	28.14	38.76	21.0	0.1	29.9
2025-11-14 17:26:50	2025-11-14 21:27:36	14	LVAG-04	0.0	40.75	8.05	0.49	26.44	41.82	21.0	0.1	29.9
2025-11-14 17:56:45	2025-11-14 21:27:41	14	LVAG-04	0.0	41.0	8.02	0.48	26.92	42.55	21.0	0.1	29.9
2025-11-14 18:26:35	2025-11-14 21:27:46	14	LVAG-04	0.0	35.75	8.01	0.49	23.88	49.02	21.0	0.1	29.8
2025-11-14 18:56:18	2025-11-14 21:27:50	14	LVAG-04	0.0	30.5	8.0	0.48	23.47	47.83	21.0	0.1	29.7
2025-11-14 19:26:15	2025-11-14 21:27:54	14	LVAG-04	0.0	31.25	7.94	0.49	21.92	48.48	21.0	0.1	29.9
2025-11-14 19:56:00	2025-11-14 21:27:59	14	LVAG-04	0.0	26.0	7.99	0.49	20.02	59.47	21.0	0.1	29.8
2025-11-14 20:25:48	2025-11-14 21:28:03	14	LVAG-04	0.0	22.5	8.01	0.49	18.7	58.12	21.0	0.1	29.8
2025-11-14 20:55:39	2025-11-14 21:28:07	14	LVAG-04	0.0	20.0	8.01	0.49	17.76	66.68	21.0	0.1	29.9
2025-11-14 21:25:31	2025-11-14 21:28:11	14	LVAG-04	0.0	18.25	7.98	0.48	16.84	73.73	21.0	0.1	29.9

2025-11-14 21:57:43	2025-11-15 09:27:01	14	LVAG-04	0.0	17.25	7.98	0.48	16.24	70.87	20.0	718.8	32.2
2025-11-14 22:27:36	2025-11-15 09:27:05	14	LVAG-04	0.0	16.25	7.98	0.48	15.62	72.01	20.0	0.1	29.9
2025-11-14 22:57:30	2025-11-15 09:27:09	14	LVAG-04	0.0	15.5	8.0	0.48	14.72	75.69	20.0	0.1	29.9
2025-11-14 23:27:25	2025-11-15 09:27:14	14	LVAG-04	0.0	14.5	8.0	0.49	13.67	79.65	20.0	0.1	29.9
2025-11-14 23:57:19	2025-11-15 09:27:18	14	LVAG-04	0.0	13.75	8.0	0.49	13.07	82.87	20.0	0.1	29.9
2025-11-15 00:27:14	2025-11-15 09:27:22	14	LVAG-04	0.0	13.0	8.0	0.49	12.54	88.03	20.0	0.1	29.9
2025-11-15 00:57:07	2025-11-15 09:27:27	14	LVAG-04	0.0	12.25	8.0	0.49	12.03	86.43	20.0	0.1	29.9
2025-11-15 01:27:02	2025-11-15 09:27:31	14	LVAG-04	0.0	12.0	7.99	0.49	12.1	91.78	20.0	0.1	29.9
2025-11-15 01:56:58	2025-11-15 09:27:35	14	LVAG-04	0.0	12.0	7.99	0.49	11.98	89.01	20.0	0.1	29.9
2025-11-15 02:26:56	2025-11-15 09:27:40	14	LVAG-04	0.0	12.25	7.99	0.49	11.98	91.34	20.0	0.1	30.0
2025-11-15 02:56:53	2025-11-15 09:27:44	14	LVAG-04	0.0	12.25	8.0	0.49	11.59	93.23	20.0	0.1	29.9
2025-11-15 03:26:48	2025-11-15 09:27:48	14	LVAG-04	0.0	12.0	8.0	0.49	11.94	95.13	20.0	0.1	29.9
2025-11-15 03:56:44	2025-11-15 09:27:53	14	LVAG-04	0.0	12.0	8.0	0.49	11.32	95.56	20.0	0.1	29.9
2025-11-15 04:26:39	2025-11-15 09:27:57	14	LVAG-04	0.0	11.75	8.0	0.5	11.82	94.27	20.0	0.1	29.9
2025-11-15 04:56:35	2025-11-15 09:28:01	14	LVAG-04	0.0	12.0	8.0	0.5	12.11	91.69	20.0	0.1	29.9
2025-11-15 05:26:33	2025-11-15 09:28:06	14	LVAG-04	0.0	12.25	7.99	0.5	12.3	92.74	20.0	0.1	30.0
2025-11-15 05:56:29	2025-11-15 09:28:10	14	LVAG-04	0.0	12.25	7.98	0.5	12.11	91.51	20.0	0.1	29.9
2025-11-15 06:26:26	2025-11-15 09:28:14	14	LVAG-04	0.0	12.5	8.0	0.5	12.35	91.0	20.0	0.1	29.9
2025-11-15 06:56:21	2025-11-15 09:28:19	14	LVAG-04	0.0	12.5	7.98	0.5	12.37	91.71	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 29 (Filas 981-1015)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-15 07:26:16	2025-11-15 09:28:23	14	LVAG-04	0.0	12.5	7.98	0.5	12.14	90.86	20.0	0.1	29.9
2025-11-15 07:56:12	2025-11-15 09:28:27	14	LVAG-04	0.0	12.5	8.0	0.5	12.32	91.28	20.0	0.1	29.9
2025-11-15 08:26:09	2025-11-15 09:28:31	14	LVAG-04	0.0	12.75	7.99	0.5	12.05	93.84	20.0	0.1	29.9
2025-11-15 08:56:05	2025-11-15 09:28:36	14	LVAG-04	0.0	13.0	7.99	0.5	12.29	92.06	20.0	0.1	29.9
2025-11-15 09:26:01	2025-11-15 09:28:40	14	LVAG-04	0.0	13.0	7.99	0.5	12.29	92.35	20.0	0.1	29.9
2025-11-15 09:58:15	2025-11-15 21:27:34	14	LVAG-04	0.0	13.75	7.99	0.5	12.91	88.75	21.0	718.9	32.2
2025-11-15 10:28:13	2025-11-15 21:27:39	14	LVAG-04	0.0	14.25	8.0	0.5	13.59	86.06	21.0	0.1	30.0
2025-11-15 10:58:11	2025-11-15 21:27:43	14	LVAG-04	0.0	15.25	7.98	0.5	14.33	85.81	21.0	0.1	30.0
2025-11-15 11:28:10	2025-11-15 21:27:48	14	LVAG-04	0.0	16.0	7.99	0.5	14.58	81.8	21.0	0.1	30.0
2025-11-15 11:58:09	2025-11-15 21:27:52	14	LVAG-04	0.0	17.25	7.99	0.5	15.62	80.46	21.0	0.1	30.0
2025-11-15 12:28:08	2025-11-15 21:27:57	14	LVAG-04	0.0	18.75	7.98	0.5	16.23	77.18	21.0	0.1	30.0
2025-11-15 12:58:04	2025-11-15 21:28:01	14	LVAG-04	0.0	19.25	7.99	0.5	18.0	70.91	21.0	0.1	29.9
2025-11-15 13:28:04	2025-11-15 21:28:06	14	LVAG-04	0.0	21.5	7.99	0.5	19.77	67.89	21.0	0.1	30.0
2025-11-15 13:58:02	2025-11-15 21:28:11	14	LVAG-04	0.0	22.75	7.98	0.49	20.87	65.19	21.0	0.1	30.0
2025-11-15 14:28:01	2025-11-15 21:28:15	14	LVAG-04	0.0	25.0	8.04	0.49	23.45	51.74	21.0	0.1	30.0
2025-11-15 14:58:09	2025-11-15 21:28:20	14	LVAG-04	0.0	31.25	8.02	0.5	24.4	50.93	21.0	0.1	30.1

2025-11-15 15:28:12	2025-11-15 21:28:25	14	LVAG-04	0.0	35.5	8.01	0.49	25.51	53.68	21.0	0.1	30.1
2025-11-15 15:58:13	2025-11-15 21:28:29	14	LVAG-04	0.0	38.0	8.05	0.48	26.71	47.65	21.0	0.1	30.0
2025-11-15 16:28:13	2025-11-15 21:28:34	14	LVAG-04	0.0	41.25	8.05	0.5	26.3	41.08	21.0	0.1	30.0
2025-11-15 16:58:09	2025-11-15 21:28:39	14	LVAG-04	0.0	42.0	8.03	0.49	26.4	39.13	21.0	0.1	29.9
2025-11-15 17:28:02	2025-11-15 21:28:43	14	LVAG-04	0.0	40.25	8.05	0.49	24.91	43.14	21.0	0.1	29.9
2025-11-15 17:57:52	2025-11-15 21:28:47	14	LVAG-04	0.0	37.75	8.05	0.49	24.03	48.95	21.0	0.1	29.8
2025-11-15 18:27:36	2025-11-15 21:28:51	14	LVAG-04	0.0	30.75	7.98	0.48	21.82	51.51	21.0	0.1	29.7
2025-11-15 18:57:22	2025-11-15 21:28:56	14	LVAG-04	0.0	26.75	8.01	0.47	22.09	52.33	21.0	0.1	29.8
2025-11-15 19:27:25	2025-11-15 21:29:00	14	LVAG-04	0.0	29.25	7.99	0.48	21.32	58.6	21.0	0.1	30.1
2025-11-15 19:57:13	2025-11-15 21:29:04	14	LVAG-04	0.0	25.0	8.01	0.47	19.85	64.82	21.0	0.1	29.8
2025-11-15 20:27:01	2025-11-15 21:29:09	14	LVAG-04	0.0	21.5	8.01	0.47	17.87	68.92	21.0	0.1	29.8
2025-11-15 20:56:51	2025-11-15 21:29:13	14	LVAG-04	0.0	19.0	7.99	0.47	16.54	70.12	21.0	0.1	29.8
2025-11-15 21:26:43	2025-11-15 21:29:18	14	LVAG-04	0.0	17.25	8.01	0.47	15.92	74.65	21.0	0.1	29.9
2025-11-15 21:58:50	2025-11-16 09:28:15	14	LVAG-04	0.0	16.25	8.0	0.47	15.4	76.7	21.0	719.0	32.1
2025-11-15 22:28:44	2025-11-16 09:28:19	14	LVAG-04	0.0	15.5	7.99	0.46	14.74	75.68	21.0	0.1	29.9
2025-11-15 22:58:38	2025-11-16 09:28:23	14	LVAG-04	0.0	14.75	8.0	0.46	14.38	78.63	21.0	0.1	29.9
2025-11-15 23:28:33	2025-11-16 09:28:28	14	LVAG-04	0.0	14.25	8.01	0.46	13.45	81.97	21.0	0.1	29.9
2025-11-15 23:58:28	2025-11-16 09:28:32	14	LVAG-04	0.0	13.75	7.98	0.46	13.86	82.0	21.0	0.1	29.9
2025-11-16 00:28:23	2025-11-16 09:28:36	14	LVAG-04	0.0	13.75	8.0	0.46	13.77	81.17	21.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 30 (Filas 1016-1050)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-16 00:58:19	2025-11-16 09:28:41	14	LVAG-04	0.0	13.5	8.0	0.46	13.55	80.16	21.0	0.1	29.9
2025-11-16 01:28:14	2025-11-16 09:28:45	14	LVAG-04	0.0	13.5	7.99	0.45	13.24	82.66	21.0	0.1	29.9
2025-11-16 01:58:10	2025-11-16 09:28:50	14	LVAG-04	0.0	13.25	8.0	0.45	13.05	84.13	21.0	0.1	29.9
2025-11-16 02:28:05	2025-11-16 09:28:54	14	LVAG-04	0.0	13.0	7.99	0.45	12.92	86.58	21.0	0.1	29.9
2025-11-16 02:58:00	2025-11-16 09:28:58	14	LVAG-04	0.0	13.0	8.0	0.45	12.9	87.44	21.0	0.1	29.9
2025-11-16 03:27:56	2025-11-16 09:29:02	14	LVAG-04	0.0	12.75	7.99	0.45	12.83	85.03	21.0	0.1	29.9
2025-11-16 03:57:51	2025-11-16 09:29:07	14	LVAG-04	0.0	12.75	8.0	0.45	12.89	87.36	21.0	0.1	29.9
2025-11-16 04:27:48	2025-11-16 09:29:11	14	LVAG-04	0.0	12.75	8.0	0.45	12.72	87.1	21.0	0.1	29.9
2025-11-16 04:57:44	2025-11-16 09:29:15	14	LVAG-04	0.0	12.5	7.99	0.45	12.44	85.49	21.0	0.1	29.9
2025-11-16 05:27:39	2025-11-16 09:29:20	14	LVAG-04	0.0	12.5	8.0	0.44	12.36	86.79	21.0	0.1	29.9
2025-11-16 05:57:35	2025-11-16 09:29:24	14	LVAG-04	0.0	12.25	7.99	0.44	12.26	87.22	21.0	0.1	29.9
2025-11-16 06:27:31	2025-11-16 09:29:28	14	LVAG-04	0.0	12.25	8.0	0.44	12.15	87.68	21.0	0.1	29.9
2025-11-16 06:57:29	2025-11-16 09:29:33	14	LVAG-04	0.0	12.25	7.98	0.44	12.04	89.84	21.0	0.1	30.0
2025-11-16 07:27:24	2025-11-16 09:29:37	14	LVAG-04	0.0	12.25	8.0	0.44	12.26	89.49	21.0	0.1	29.9
2025-11-16 07:57:21	2025-11-16 09:29:41	14	LVAG-04	0.0	12.75	8.0	0.44	12.83	86.39	21.0	0.1	29.9
2025-11-16 08:27:19	2025-11-16 09:29:46	14	LVAG-04	0.0	13.5	7.99	0.44	13.74	83.77	21.0	0.1	30.0

2025-11-16 08:57:17	2025-11-16 09:29:50	14	LVAG-04	0.0	14.5	8.0	0.44	15.01	79.33	21.0	0.1	30.0
2025-11-16 09:27:15	2025-11-16 09:29:54	14	LVAG-04	0.0	15.75	7.98	0.44	15.87	81.34	21.0	0.1	30.0
2025-11-16 09:59:31	2025-11-16 21:28:48	14	LVAG-04	0.0	17.0	7.98	0.43	17.03	73.06	22.0	718.9	32.3
2025-11-16 10:29:29	2025-11-16 21:28:53	14	LVAG-04	0.0	17.75	7.99	0.43	17.99	70.65	22.0	0.1	30.0
2025-11-16 10:59:27	2025-11-16 21:28:57	14	LVAG-04	0.0	18.75	7.97	0.43	19.05	67.85	22.0	0.1	30.0
2025-11-16 11:29:24	2025-11-16 21:29:01	14	LVAG-04	0.0	19.75	8.0	0.43	19.89	66.4	22.0	0.1	29.9
2025-11-16 11:59:21	2025-11-16 21:29:06	14	LVAG-04	0.0	20.75	7.98	0.43	21.2	62.02	22.0	0.1	29.9
2025-11-16 12:29:19	2025-11-16 21:29:10	14	LVAG-04	0.0	22.25	7.98	0.43	22.63	57.01	22.0	0.1	30.0
2025-11-16 12:59:19	2025-11-16 21:29:15	14	LVAG-04	0.0	25.0	8.01	0.43	24.7	52.98	22.0	0.1	30.0
2025-11-16 13:29:20	2025-11-16 21:29:19	14	LVAG-04	0.0	27.0	8.01	0.43	25.05	50.28	22.0	0.1	30.0
2025-11-16 13:59:18	2025-11-16 21:29:24	14	LVAG-04	0.0	28.5	8.0	0.43	26.72	48.06	22.0	0.1	30.0
2025-11-16 14:29:16	2025-11-16 21:29:28	14	LVAG-04	0.0	30.0	8.03	0.42	26.5	51.05	22.0	0.1	30.0
2025-11-16 14:59:22	2025-11-16 21:29:33	14	LVAG-04	0.0	35.25	8.04	0.42	29.07	41.87	22.0	0.1	30.1
2025-11-16 15:29:23	2025-11-16 21:29:37	14	LVAG-04	0.0	38.25	8.04	0.43	28.88	49.83	22.0	0.1	30.0
2025-11-16 15:59:25	2025-11-16 21:29:41	14	LVAG-04	0.0	40.75	8.05	0.43	27.67	46.38	22.0	0.1	30.0
2025-11-16 16:29:21	2025-11-16 21:29:45	14	LVAG-04	0.0	40.75	8.05	0.43	27.1	45.08	22.0	0.1	29.9
2025-11-16 16:59:13	2025-11-16 21:29:49	14	LVAG-04	0.0	39.25	8.05	0.43	27.1	45.05	22.0	0.1	29.9
2025-11-16 17:29:07	2025-11-16 21:29:54	14	LVAG-04	0.0	38.25	8.05	0.43	26.77	45.25	22.0	0.1	29.9
2025-11-16 17:59:01	2025-11-16 21:29:58	14	LVAG-04	0.0	37.75	8.05	0.44	26.78	45.33	22.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 31 (Filas 1051-1085)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-16 18:28:50	2025-11-16 21:30:03	14	LVAG-04	0.0	33.0	8.01	0.44	24.83	51.44	22.0	0.1	29.8
2025-11-16 18:58:37	2025-11-16 21:30:08	14	LVAG-04	0.0	28.75	8.0	0.44	24.12	50.74	22.0	0.1	29.8
2025-11-16 19:28:34	2025-11-16 21:30:12	14	LVAG-04	0.0	29.25	7.94	0.44	22.87	53.93	22.0	0.1	29.9
2025-11-16 19:58:23	2025-11-16 21:30:16	14	LVAG-04	0.0	25.75	8.0	0.44	22.52	50.55	22.0	0.1	29.8
2025-11-16 20:28:14	2025-11-16 21:30:21	14	LVAG-04	0.0	23.75	8.01	0.44	20.96	60.89	22.0	0.1	29.9
2025-11-16 20:58:05	2025-11-16 21:30:25	14	LVAG-04	0.0	21.75	7.99	0.44	19.62	68.32	22.0	0.1	29.9
2025-11-16 21:27:58	2025-11-16 21:30:29	14	LVAG-04	0.0	20.0	7.99	0.44	18.37	74.72	22.0	0.1	29.9
2025-11-16 22:00:00	2025-11-17 09:29:14	14	LVAG-04	0.0	18.75	8.0	0.44	17.33	72.31	24.0	718.8	32.0
2025-11-16 22:29:54	2025-11-17 09:29:18	14	LVAG-04	0.0	17.75	8.01	0.44	16.86	71.67	24.0	0.1	29.9
2025-11-16 22:59:48	2025-11-17 09:29:23	14	LVAG-04	0.0	17.0	8.01	0.44	16.52	78.26	24.0	0.1	29.9
2025-11-16 23:29:43	2025-11-17 09:29:27	14	LVAG-04	0.0	16.5	7.98	0.44	16.35	78.26	24.0	0.1	29.9
2025-11-16 23:59:38	2025-11-17 09:29:31	14	LVAG-04	0.0	16.25	7.98	0.44	15.84	74.9	24.0	0.1	29.9
2025-11-17 00:29:32	2025-11-17 09:29:36	14	LVAG-04	0.0	15.5	8.0	0.44	15.05	76.71	24.0	0.1	29.9
2025-11-17 00:59:27	2025-11-17 09:29:40	14	LVAG-04	0.0	15.0	7.98	0.44	14.65	80.46	24.0	0.1	29.9
2025-11-17 01:29:20	2025-11-17 09:29:44	14	LVAG-04	0.0	14.25	8.0	0.44	14.13	86.85	24.0	0.1	29.9
2025-11-17 01:59:15	2025-11-17 09:29:48	14	LVAG-04	0.0	13.75	8.0	0.45	13.59	80.85	24.0	0.1	29.9



2025-11-17 02:29:09	2025-11-17 09:29:53	14	LVAG-04	0.0	13.25	8.0	0.45	13.17	81.85	24.0	0.1	29.9
2025-11-17 02:59:04	2025-11-17 09:29:57	14	LVAG-04	0.0	13.0	7.98	0.45	12.75	85.91	24.0	0.1	29.9
2025-11-17 03:28:59	2025-11-17 09:30:01	14	LVAG-04	0.0	12.5	8.01	0.45	12.43	85.54	24.0	0.1	29.9
2025-11-17 03:58:55	2025-11-17 09:30:06	14	LVAG-04	0.0	12.0	7.99	0.46	12.09	84.19	24.0	0.1	29.9
2025-11-17 04:28:50	2025-11-17 09:30:10	14	LVAG-04	0.0	11.75	8.0	0.46	11.79	84.56	24.0	0.1	29.9
2025-11-17 04:58:45	2025-11-17 09:30:14	14	LVAG-04	0.0	11.5	8.0	0.46	11.37	87.04	24.0	0.1	29.9
2025-11-17 05:28:39	2025-11-17 09:30:18	14	LVAG-04	0.0	11.0	8.0	0.46	11.36	85.91	24.0	0.1	29.9
2025-11-17 05:58:35	2025-11-17 09:30:23	14	LVAG-04	0.0	11.0	7.98	0.46	11.34	85.73	24.0	0.1	29.9
2025-11-17 06:28:31	2025-11-17 09:30:27	14	LVAG-04	0.0	11.0	7.98	0.47	11.21	86.49	24.0	0.1	29.9
2025-11-17 06:58:27	2025-11-17 09:30:31	14	LVAG-04	0.0	11.0	7.99	0.47	11.24	84.71	24.0	0.1	29.9
2025-11-17 07:28:26	2025-11-17 09:30:35	14	LVAG-04	0.0	11.25	7.99	0.47	11.99	84.75	24.0	0.1	30.0
2025-11-17 07:58:24	2025-11-17 09:30:40	14	LVAG-04	0.0	12.75	7.98	0.47	15.07	73.72	24.0	0.1	30.0
2025-11-17 08:28:25	2025-11-17 09:30:44	14	LVAG-04	0.0	15.25	8.0	0.47	17.41	69.57	24.0	0.1	30.0
2025-11-17 08:58:24	2025-11-17 09:30:48	14	LVAG-04	0.0	17.25	8.0	0.47	18.94	62.29	24.0	0.1	30.0
2025-11-17 09:28:23	2025-11-17 09:30:53	14	LVAG-04	0.0	19.0	8.0	0.47	19.72	60.61	24.0	0.1	30.0
2025-11-17 10:00:29	2025-11-17 21:29:50	14	LVAG-04	0.0	20.25	7.98	0.47	20.46	59.92	21.0	719.0	32.1
2025-11-17 10:30:26	2025-11-17 21:29:55	14	LVAG-04	0.0	21.25	8.0	0.47	21.46	52.3	21.0	0.1	29.9
2025-11-17 11:00:23	2025-11-17 21:29:59	14	LVAG-04	0.0	22.25	8.0	0.47	22.49	49.58	21.0	0.1	29.9
2025-11-17 11:30:21	2025-11-17 21:30:04	14	LVAG-04	0.0	23.25	8.0	0.47	23.56	47.15	21.0	0.1	30.0

## ■ DATOS COMPLETOS - Página 32 (Filas 1086-1120)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-17 12:00:19	2025-11-17 21:30:09	14	LVAG-04	0.0	24.5	8.0	0.47	25.09	44.17	21.0	0.1	30.0
2025-11-17 12:30:17	2025-11-17 21:30:13	14	LVAG-04	0.0	26.0	8.01	0.46	26.36	39.79	21.0	0.1	30.0
2025-11-17 13:00:18	2025-11-17 21:30:18	14	LVAG-04	0.0	28.75	7.96	0.47	28.5	43.28	21.0	0.1	30.0
2025-11-17 13:30:20	2025-11-17 21:30:22	14	LVAG-04	0.0	31.75	7.99	0.47	29.12	37.02	21.0	0.1	30.0
2025-11-17 14:00:18	2025-11-17 21:30:27	14	LVAG-04	0.0	33.0	8.04	0.46	29.79	39.52	21.0	0.1	30.0
2025-11-17 14:30:18	2025-11-17 21:30:31	14	LVAG-04	0.0	34.5	8.03	0.46	29.87	35.04	21.0	0.1	30.0
2025-11-17 15:00:22	2025-11-17 21:30:36	14	LVAG-04	0.0	40.0	8.01	0.46	32.34	32.72	21.0	0.1	30.1
2025-11-17 15:30:23	2025-11-17 21:30:40	14	LVAG-04	0.0	43.5	8.03	0.47	34.13	28.98	21.0	0.1	30.0
2025-11-17 16:00:20	2025-11-17 21:30:44	14	LVAG-04	0.0	43.25	8.05	0.47	32.17	30.4	21.0	0.1	29.9
2025-11-17 16:30:12	2025-11-17 21:30:49	14	LVAG-04	0.0	42.25	8.01	0.47	33.03	31.55	21.0	0.1	29.9
2025-11-17 17:00:11	2025-11-17 21:30:54	14	LVAG-04	0.0	43.5	8.01	0.47	33.11	32.48	21.0	0.1	30.0
2025-11-17 17:30:07	2025-11-17 21:30:58	14	LVAG-04	0.0	43.75	8.0	0.47	33.03	30.94	21.0	0.1	29.9
2025-11-17 18:00:04	2025-11-17 21:31:02	14	LVAG-04	0.0	44.25	8.01	0.48	32.67	28.97	21.0	0.1	29.9
2025-11-17 18:29:56	2025-11-17 21:31:07	14	LVAG-04	0.0	41.0	7.99	0.47	30.37	35.21	21.0	0.1	29.9
2025-11-17 18:59:43	2025-11-17 21:31:12	14	LVAG-04	0.0	37.0	7.99	0.47	30.16	36.65	21.0	0.1	29.8
2025-11-17 19:29:39	2025-11-17 21:31:16	14	LVAG-04	0.0	36.5	7.97	0.48	28.83	40.72	21.0	0.1	29.9

2025-11-17 19:59:28	2025-11-17 21:31:20	14	LVAG-04	0.0	32.75	8.01	0.48	27.34	50.02	21.0	0.1	29.8
2025-11-17 20:29:18	2025-11-17 21:31:25	14	LVAG-04	0.0	29.5	7.99	0.48	24.44	56.67	21.0	0.1	29.8
2025-11-17 20:59:07	2025-11-17 21:31:29	14	LVAG-04	0.0	26.5	8.0	0.48	23.91	46.29	21.0	0.1	29.8
2025-11-17 21:28:58	2025-11-17 21:31:33	14	LVAG-04	0.0	24.5	7.99	0.48	21.81	63.06	21.0	0.1	29.9
2025-11-17 22:01:03	2025-11-18 09:30:19	14	LVAG-04	0.0	22.5	8.01	0.48	20.34	65.13	20.0	718.8	32.1
2025-11-17 22:30:55	2025-11-18 09:30:23	14	LVAG-04	0.0	21.25	8.01	0.48	19.71	55.91	20.0	0.1	29.9
2025-11-17 23:30:43	2025-11-18 09:30:41	14	LVAG-04	0.0	19.0	8.0	0.48	17.86	67.86	20.0	0.3	59.8
2025-11-18 00:00:37	2025-11-18 09:30:45	14	LVAG-04	0.0	18.25	8.01	0.48	17.42	60.34	20.0	0.1	29.9
2025-11-18 00:30:31	2025-11-18 09:30:49	14	LVAG-04	0.0	17.25	7.98	0.48	16.44	62.57	20.0	0.1	29.9
2025-11-18 01:00:25	2025-11-18 09:30:54	14	LVAG-04	0.0	16.5	8.0	0.49	15.94	69.93	20.0	0.1	29.9
2025-11-18 01:30:19	2025-11-18 09:30:58	14	LVAG-04	0.0	16.0	8.0	0.49	15.39	69.94	20.0	0.1	29.9
2025-11-18 02:00:15	2025-11-18 09:31:02	14	LVAG-04	0.0	15.25	7.99	0.49	14.52	74.13	20.0	0.1	29.9
2025-11-18 02:30:09	2025-11-18 09:31:07	14	LVAG-04	0.0	14.75	7.98	0.49	14.27	78.4	20.0	0.1	29.9
2025-11-18 03:00:04	2025-11-18 09:31:11	14	LVAG-04	0.0	14.0	8.0	0.49	13.82	74.36	20.0	0.1	29.9
2025-11-18 03:29:59	2025-11-18 09:31:18	14	LVAG-04	0.0	13.75	8.0	0.5	13.45	76.99	20.0	0.1	29.9
2025-11-18 03:59:53	2025-11-18 09:31:22	14	LVAG-04	0.0	13.25	7.98	0.5	13.31	74.58	20.0	0.1	29.9
2025-11-18 04:29:49	2025-11-18 09:31:27	14	LVAG-04	0.0	13.0	7.99	0.5	12.72	83.0	20.0	0.1	29.9
2025-11-18 05:29:38	2025-11-18 09:31:45	14	LVAG-04	0.0	12.25	8.01	0.5	12.37	78.77	20.0	0.3	59.8
2025-11-18 05:59:34	2025-11-18 09:31:49	14	LVAG-04	0.0	12.0	8.0	0.5	11.95	87.27	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 33 (Filas 1121-1155)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-18 06:29:28	2025-11-18 09:31:54	14	LVAG-04	0.0	11.75	8.0	0.5	11.68	89.82	20.0	0.1	29.9
2025-11-18 06:59:24	2025-11-18 09:31:58	14	LVAG-04	0.0	11.5	8.0	0.5	11.62	83.97	20.0	0.1	29.9
2025-11-18 07:29:21	2025-11-18 09:32:02	14	LVAG-04	0.0	12.0	7.99	0.51	12.65	83.64	20.0	0.1	29.9
2025-11-18 07:59:19	2025-11-18 09:32:06	14	LVAG-04	0.0	13.25	8.0	0.5	15.87	72.18	20.0	0.1	30.0
2025-11-18 08:29:20	2025-11-18 09:32:10	14	LVAG-04	0.0	15.75	8.0	0.51	17.8	71.1	20.0	0.1	30.0
2025-11-18 08:59:20	2025-11-18 09:32:15	14	LVAG-04	0.0	17.75	7.98	0.51	19.01	61.55	20.0	0.1	30.0
2025-11-18 09:29:19	2025-11-18 09:32:19	14	LVAG-04	0.0	19.25	8.0	0.51	19.9	59.5	20.0	0.1	30.0
2025-11-18 10:31:52	2025-11-18 21:01:34	14	LVAG-04	0.0	21.5	7.99	0.51	21.78	57.09	22.0	689.2	62.5
2025-11-18 11:01:50	2025-11-18 21:01:39	14	LVAG-04	0.0	22.5	7.98	0.51	22.57	56.68	22.0	0.1	30.0
2025-11-18 12:01:45	2025-11-18 21:01:57	14	LVAG-04	0.0	24.25	8.0	0.51	24.49	45.08	22.0	0.3	59.9
2025-11-18 12:31:44	2025-11-18 21:02:01	14	LVAG-04	0.0	25.75	8.0	0.51	26.29	45.12	22.0	0.1	30.0
2025-11-18 13:31:45	2025-11-18 21:02:19	14	LVAG-04	0.0	30.25	7.98	0.5	28.51	43.93	22.0	0.3	60.0
2025-11-18 14:01:42	2025-11-18 21:02:23	14	LVAG-04	0.0	31.0	8.0	0.5	29.18	35.84	22.0	0.1	29.9
2025-11-18 17:31:30	2025-11-18 21:03:48	14	LVAG-04	0.0	41.5	8.03	0.49	30.19	32.13	22.0	1.4	209.8
2025-11-18 18:31:10	2025-11-18 21:04:06	14	LVAG-04	0.0	34.75	8.01	0.49	28.44	33.07	22.0	0.3	59.7
2025-11-18 19:01:00	2025-11-18 21:04:10	14	LVAG-04	0.0	32.0	8.01	0.48	27.92	33.43	22.0	0.1	29.8

2025-11-18 19:30:56	2025-11-18 21:04:14	14	LVAG-04	0.0	32.0	7.98	0.48	26.8	36.48	22.0	0.1	29.9
2025-11-18 20:00:45	2025-11-18 21:04:18	14	LVAG-04	0.0	28.5	8.03	0.48	25.96	35.56	22.0	0.1	29.8
2025-11-18 21:00:30	2025-11-18 21:04:56	14	LVAG-04	0.0	25.75	7.99	0.48	24.07	39.86	22.0	0.6	59.8
2025-11-18 21:34:17	2025-11-18 21:35:28	14	LVAG-04	0.0	24.5	8.02	0.47	22.82	42.33	22.0	30.5	33.8
2025-11-18 22:04:58	2025-11-19 09:04:12	14	LVAG-04	0.0	23.0	8.0	0.47	20.91	50.33	20.0	688.7	30.7
2025-11-18 22:34:51	2025-11-19 09:04:16	14	LVAG-04	0.0	21.25	7.99	0.47	19.41	60.61	20.0	0.1	29.9
2025-11-18 23:04:44	2025-11-19 09:04:21	14	LVAG-04	0.0	20.0	8.0	0.47	18.68	63.02	20.0	0.1	29.9
2025-11-18 23:34:37	2025-11-19 09:04:25	14	LVAG-04	0.0	18.75	7.98	0.47	17.74	68.58	20.0	0.1	29.9
2025-11-19 00:04:33	2025-11-19 09:04:29	14	LVAG-04	0.0	18.0	8.01	0.46	17.01	74.88	20.0	0.1	29.9
2025-11-19 00:34:27	2025-11-19 09:04:34	14	LVAG-04	0.0	17.0	7.98	0.46	16.32	73.5	20.0	0.1	29.9
2025-11-19 01:04:22	2025-11-19 09:04:38	14	LVAG-04	0.0	16.25	8.0	0.46	15.78	77.03	20.0	0.1	29.9
2025-11-19 01:34:16	2025-11-19 09:04:42	14	LVAG-04	0.0	15.75	8.0	0.46	15.26	76.15	20.0	0.1	29.9
2025-11-19 02:04:11	2025-11-19 09:04:47	14	LVAG-04	0.0	15.25	8.0	0.46	14.8	74.43	20.0	0.1	29.9
2025-11-19 02:34:06	2025-11-19 09:04:51	14	LVAG-04	0.0	14.5	8.01	0.46	14.18	76.3	20.0	0.1	29.9
2025-11-19 03:04:01	2025-11-19 09:04:55	14	LVAG-04	0.0	14.0	8.01	0.45	13.73	79.23	20.0	0.1	29.9
2025-11-19 03:33:56	2025-11-19 09:04:59	14	LVAG-04	0.0	13.5	8.0	0.45	13.4	79.0	20.0	0.1	29.9
2025-11-19 04:03:50	2025-11-19 09:05:04	14	LVAG-04	0.0	13.0	7.99	0.45	12.94	86.17	20.0	0.1	29.9
2025-11-19 04:33:45	2025-11-19 09:05:08	14	LVAG-04	0.0	12.5	8.0	0.45	12.51	82.76	20.0	0.1	29.9
2025-11-19 05:03:40	2025-11-19 09:05:12	14	LVAG-04	0.0	12.25	8.0	0.45	12.2	89.72	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 34 (Filas 1156-1190)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-19 05:33:35	2025-11-19 09:05:17	14	LVAG-04	0.0	11.75	8.0	0.45	11.6	84.85	20.0	0.1	29.9
2025-11-19 06:03:29	2025-11-19 09:05:21	14	LVAG-04	0.0	11.5	8.0	0.44	11.43	85.41	20.0	0.1	29.9
2025-11-19 06:33:24	2025-11-19 09:05:25	14	LVAG-04	0.0	11.0	8.0	0.44	11.18	85.1	20.0	0.1	29.9
2025-11-19 07:03:19	2025-11-19 09:05:30	14	LVAG-04	0.0	11.0	8.0	0.44	11.25	88.83	20.0	0.1	29.9
2025-11-19 07:33:15	2025-11-19 09:05:34	14	LVAG-04	0.0	11.5	7.99	0.44	12.52	87.68	20.0	0.1	29.9
2025-11-19 08:03:13	2025-11-19 09:05:38	14	LVAG-04	0.0	12.5	8.0	0.43	13.93	81.35	20.0	0.1	30.0
2025-11-19 08:33:13	2025-11-19 09:05:43	14	LVAG-04	0.0	14.0	7.99	0.44	15.34	75.77	20.0	0.1	30.0
2025-11-19 09:03:12	2025-11-19 09:05:47	14	LVAG-04	0.0	15.5	7.98	0.44	16.82	70.07	20.0	0.1	30.0
2025-11-19 09:35:24	2025-11-19 21:04:50	14	LVAG-04	0.0	17.5	7.98	0.43	17.87	72.21	21.0	719.0	32.2
2025-11-19 10:05:23	2025-11-19 21:04:54	14	LVAG-04	0.0	18.5	7.98	0.43	19.07	61.72	21.0	0.1	30.0
2025-11-19 10:35:21	2025-11-19 21:04:59	14	LVAG-04	0.0	19.75	7.98	0.43	20.44	58.75	21.0	0.1	30.0
2025-11-19 11:05:18	2025-11-19 21:05:03	14	LVAG-04	0.0	21.25	7.99	0.43	22.03	54.61	21.0	0.1	29.9
2025-11-19 11:35:17	2025-11-19 21:05:08	14	LVAG-04	0.0	22.5	7.98	0.43	23.03	52.32	21.0	0.1	30.0
2025-11-19 12:05:14	2025-11-19 21:05:12	14	LVAG-04	0.0	23.75	8.0	0.43	24.23	48.84	21.0	0.1	29.9
2025-11-19 12:35:13	2025-11-19 21:05:17	14	LVAG-04	0.0	25.25	8.0	0.43	25.68	44.35	21.0	0.1	30.0
2025-11-19 13:05:13	2025-11-19 21:05:22	14	LVAG-04	0.0	28.25	8.04	0.43	27.14	43.04	21.0	0.1	30.0

2025-11-19 13:35:12	2025-11-19 21:05:26	14	LVAG-04	0.0	29.75	7.98	0.42	27.69	41.29	21.0	0.1	30.0
2025-11-19 14:05:08	2025-11-19 21:05:31	14	LVAG-04	0.0	31.0	8.0	0.42	28.81	41.1	21.0	0.1	29.9
2025-11-19 14:35:08	2025-11-19 21:05:35	14	LVAG-04	0.0	33.25	8.03	0.41	30.28	41.49	21.0	0.1	30.0
2025-11-19 15:05:13	2025-11-19 21:05:39	14	LVAG-04	0.0	37.0	8.01	0.41	29.41	44.1	21.0	0.1	30.1
2025-11-19 15:35:11	2025-11-19 21:05:44	14	LVAG-04	0.0	38.5	8.01	0.42	29.18	44.08	21.0	0.1	30.0
2025-11-19 16:05:07	2025-11-19 21:05:48	14	LVAG-04	0.0	39.0	8.05	0.42	28.93	39.96	21.0	0.1	29.9
2025-11-19 16:35:05	2025-11-19 21:05:52	14	LVAG-04	0.0	40.0	8.05	0.42	28.13	40.75	21.0	0.1	30.0
2025-11-19 17:05:00	2025-11-19 21:05:57	14	LVAG-04	0.0	39.75	8.05	0.42	27.91	40.0	21.0	0.1	29.9
2025-11-19 17:34:57	2025-11-19 21:06:01	14	LVAG-04	0.0	40.25	8.05	0.41	26.98	47.74	21.0	0.1	29.9
2025-11-19 18:04:53	2025-11-19 21:06:05	14	LVAG-04	0.0	41.0	8.01	0.42	26.72	43.01	21.0	0.1	29.9
2025-11-19 18:34:38	2025-11-19 21:06:10	14	LVAG-04	0.0	34.0	7.99	0.41	25.15	48.41	21.0	0.1	29.8
2025-11-19 19:04:23	2025-11-19 21:06:14	14	LVAG-04	0.0	30.0	8.0	0.41	24.6	46.06	21.0	0.1	29.8
2025-11-19 19:34:18	2025-11-19 21:06:18	14	LVAG-04	0.0	28.25	8.01	0.41	22.53	53.38	21.0	0.1	29.9
2025-11-19 20:04:07	2025-11-19 21:06:23	14	LVAG-04	0.0	24.75	7.99	0.41	20.9	58.38	21.0	0.1	29.8
2025-11-19 20:33:58	2025-11-19 21:06:27	14	LVAG-04	0.0	22.25	8.03	0.41	19.86	62.02	21.0	0.1	29.9
2025-11-19 21:03:50	2025-11-19 21:06:31	14	LVAG-04	0.0	20.75	8.01	0.4	19.15	62.27	21.0	0.1	29.9
2025-11-19 21:36:03	2025-11-20 09:05:06	14	LVAG-04	0.0	19.5	7.98	0.4	18.38	64.53	20.0	718.6	32.2
2025-11-19 22:05:56	2025-11-20 09:05:11	14	LVAG-04	0.0	18.5	7.99	0.4	17.69	70.77	20.0	0.1	29.9
2025-11-19 22:35:50	2025-11-20 09:05:15	14	LVAG-04	0.0	17.75	8.01	0.4	16.98	73.26	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 35 (Filas 1191-1225)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-19 23:05:45	2025-11-20 09:05:19	14	LVAG-04	0.0	17.0	7.98	0.4	16.45	70.61	20.0	0.1	29.9
2025-11-19 23:35:39	2025-11-20 09:05:23	14	LVAG-04	0.0	16.25	7.97	0.4	15.81	74.37	20.0	0.1	29.9
2025-11-20 00:05:33	2025-11-20 09:05:28	14	LVAG-04	0.0	15.75	7.98	0.4	15.24	77.01	20.0	0.1	29.9
2025-11-20 00:35:27	2025-11-20 09:05:32	14	LVAG-04	0.0	15.0	8.0	0.39	14.69	78.14	20.0	0.1	29.9
2025-11-20 01:05:22	2025-11-20 09:05:37	14	LVAG-04	0.0	14.5	7.98	0.39	14.41	84.78	20.0	0.1	29.9
2025-11-20 01:35:17	2025-11-20 09:05:41	14	LVAG-04	0.0	14.25	8.0	0.39	14.13	78.63	20.0	0.1	29.9
2025-11-20 02:05:12	2025-11-20 09:05:45	14	LVAG-04	0.0	14.0	7.98	0.39	13.68	80.24	20.0	0.1	29.9
2025-11-20 02:35:07	2025-11-20 09:05:49	14	LVAG-04	0.0	13.5	7.98	0.39	13.57	87.21	20.0	0.1	29.9
2025-11-20 03:05:01	2025-11-20 09:05:54	14	LVAG-04	0.0	13.5	7.99	0.39	13.3	81.88	20.0	0.1	29.9
2025-11-20 03:34:57	2025-11-20 09:05:58	14	LVAG-04	0.0	13.25	7.99	0.39	13.15	80.97	20.0	0.1	29.9
2025-11-20 04:04:52	2025-11-20 09:06:02	14	LVAG-04	0.0	13.0	7.99	0.38	12.84	83.11	20.0	0.1	29.9
2025-11-20 04:34:48	2025-11-20 09:06:07	14	LVAG-04	0.0	12.5	7.98	0.38	12.63	87.93	20.0	0.1	29.9
2025-11-20 05:04:43	2025-11-20 09:06:11	14	LVAG-04	0.0	12.25	8.0	0.38	12.17	86.61	20.0	0.1	29.9
2025-11-20 05:34:38	2025-11-20 09:06:15	14	LVAG-04	0.0	12.0	8.0	0.38	12.09	91.16	20.0	0.1	29.9
2025-11-20 06:04:34	2025-11-20 09:06:20	14	LVAG-04	0.0	12.0	8.0	0.38	11.84	90.55	20.0	0.1	29.9
2025-11-20 06:34:30	2025-11-20 09:06:24	14	LVAG-04	0.0	11.75	8.0	0.38	11.89	90.37	20.0	0.1	29.9



2025-11-20 07:04:26	2025-11-20 09:06:29	14	LVAG-04	0.0	12.0	7.99	0.38	12.08	93.4	20.0	0.1	29.9
2025-11-20 07:34:22	2025-11-20 09:06:33	14	LVAG-04	0.0	12.25	7.98	0.38	12.69	94.52	20.0	0.1	29.9
2025-11-20 08:04:19	2025-11-20 09:06:38	14	LVAG-04	0.0	13.0	8.0	0.38	13.18	91.2	20.0	0.1	29.9
2025-11-20 08:34:16	2025-11-20 09:06:42	14	LVAG-04	0.0	14.0	7.99	0.38	13.14	87.94	20.0	0.1	29.9
2025-11-20 09:04:14	2025-11-20 09:06:46	14	LVAG-04	0.0	15.0	7.98	0.38	14.53	83.25	20.0	0.1	30.0
2025-11-20 09:36:24	2025-11-20 21:05:45	14	LVAG-04	0.0	16.75	7.97	0.38	15.85	81.69	22.0	719.0	32.2
2025-11-20 10:06:22	2025-11-20 21:05:50	14	LVAG-04	0.0	18.0	7.98	0.38	16.41	80.75	22.0	0.1	30.0
2025-11-20 10:36:21	2025-11-20 21:05:54	14	LVAG-04	0.0	19.0	8.01	0.37	16.9	79.09	22.0	0.1	30.0
2025-11-20 11:06:17	2025-11-20 21:05:58	14	LVAG-04	0.0	19.5	7.98	0.37	16.91	78.26	22.0	0.1	29.9
2025-11-20 11:36:14	2025-11-20 21:06:02	14	LVAG-04	0.0	20.0	7.98	0.37	17.51	77.65	22.0	0.1	29.9
2025-11-20 12:06:12	2025-11-20 21:06:06	14	LVAG-04	0.0	21.0	8.01	0.37	17.86	75.0	22.0	0.1	30.0
2025-11-20 12:36:10	2025-11-20 21:06:11	14	LVAG-04	0.0	22.25	7.98	0.37	19.55	73.79	22.0	0.1	30.0
2025-11-20 13:06:07	2025-11-20 21:06:15	14	LVAG-04	0.0	23.0	8.03	0.37	19.81	67.72	22.0	0.1	29.9
2025-11-20 13:36:04	2025-11-20 21:06:19	14	LVAG-04	0.0	23.25	8.0	0.37	20.03	68.43	22.0	0.1	29.9
2025-11-20 14:06:01	2025-11-20 21:06:23	14	LVAG-04	0.0	23.75	8.0	0.37	20.17	66.3	22.0	0.1	29.9
2025-11-20 14:35:54	2025-11-20 21:06:27	14	LVAG-04	0.0	22.5	8.01	0.37	19.13	70.04	22.0	0.1	29.9
2025-11-20 15:05:48	2025-11-20 21:06:31	14	LVAG-04	0.0	21.5	7.98	0.37	18.71	73.34	22.0	0.1	29.9
2025-11-20 15:35:43	2025-11-20 21:06:36	14	LVAG-04	0.0	21.25	7.98	0.36	18.97	71.33	22.0	0.1	29.9
2025-11-20 16:05:39	2025-11-20 21:06:40	14	LVAG-04	0.0	21.25	8.0	0.36	19.01	73.22	22.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 36 (Filas 1226-1260)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-20 16:35:35	2025-11-20 21:06:44	14	LVAG-04	0.0	21.5	8.0	0.36	19.19	69.24	22.0	0.1	29.9
2025-11-20 17:05:32	2025-11-20 21:06:48	14	LVAG-04	0.0	22.75	7.99	0.36	21.22	64.75	22.0	0.1	29.9
2025-11-20 17:35:37	2025-11-20 21:06:53	14	LVAG-04	0.0	27.5	8.05	0.35	22.64	58.04	22.0	0.1	30.1
2025-11-20 18:05:41	2025-11-20 21:06:57	14	LVAG-04	0.0	31.0	8.0	0.36	23.29	59.58	22.0	0.1	30.1
2025-11-20 18:35:35	2025-11-20 21:07:01	14	LVAG-04	0.0	29.75	7.97	0.36	22.72	60.1	22.0	0.1	29.9
2025-11-20 19:05:26	2025-11-20 21:07:05	14	LVAG-04	0.0	27.25	8.01	0.37	22.47	60.84	22.0	0.1	29.9
2025-11-20 19:35:20	2025-11-20 21:07:10	14	LVAG-04	0.0	26.0	8.01	0.37	21.8	63.38	22.0	0.1	29.9
2025-11-20 20:05:11	2025-11-20 21:07:14	14	LVAG-04	0.0	23.5	7.98	0.37	20.08	64.19	22.0	0.1	29.9
2025-11-20 20:35:02	2025-11-20 21:07:18	14	LVAG-04	0.0	21.25	8.0	0.38	18.72	66.1	22.0	0.1	29.9
2025-11-20 21:04:54	2025-11-20 21:07:22	14	LVAG-04	0.0	19.5	8.0	0.38	17.18	74.65	22.0	0.1	29.9
2025-11-20 21:36:51	2025-11-21 22:24:42	14	LVAG-04	0.0	17.75	7.98	0.38	16.19	81.67	22.0	1517.3	31.9
2025-11-20 23:06:31	2025-11-21 22:24:52	14	LVAG-04	0.0	14.75	7.98	0.38	14.14	83.37	22.0	0.2	89.7
2025-11-20 23:36:26	2025-11-21 22:24:52	14	LVAG-04	0.0	14.0	7.99	0.38	13.69	83.78	22.0	0.0	29.9
2025-11-20 22:06:44	2025-11-21 22:24:52	14	LVAG-04	0.0	16.5	7.99	0.38	15.51	84.34	22.0	0.0	-89.7
2025-11-20 22:36:38	2025-11-21 22:24:52	14	LVAG-04	0.0	15.5	7.98	0.38	14.7	82.89	22.0	0.0	29.9
2025-11-21 00:06:20	2025-11-21 22:25:48	14	LVAG-04	0.0	13.5	8.0	0.38	13.29	85.49	22.0	0.9	89.7

2025-11-21 00:36:14	2025-11-21 22:26:14	14	LVAG-04	0.0	13.0	8.0	0.38	12.84	92.09	22.0	0.4	29.9
2025-11-21 01:06:08	2025-11-21 22:26:14	14	LVAG-04	0.0	12.75	8.0	0.38	12.68	90.94	22.0	0.0	29.9
2025-11-21 01:36:03	2025-11-21 22:26:14	14	LVAG-04	0.0	12.25	7.98	0.38	12.24	89.17	22.0	0.0	29.9
2025-11-21 02:05:59	2025-11-21 22:26:14	14	LVAG-04	0.0	12.0	7.98	0.38	11.92	90.69	22.0	0.0	29.9
2025-11-21 02:35:53	2025-11-21 22:27:26	14	LVAG-04	0.0	11.5	7.98	0.38	11.51	91.97	22.0	1.2	29.9
2025-11-21 03:35:43	2025-11-21 22:27:29	14	LVAG-04	0.0	10.75	7.98	0.38	10.83	94.42	22.0	0.1	59.8
2025-11-21 04:05:39	2025-11-21 22:27:29	14	LVAG-04	0.0	10.75	7.99	0.38	10.68	94.65	22.0	0.0	29.9
2025-11-21 03:05:49	2025-11-21 22:27:29	14	LVAG-04	0.0	11.25	7.98	0.38	11.15	90.71	22.0	0.0	-59.8
2025-11-21 04:35:34	2025-11-21 22:28:04	14	LVAG-04	0.0	10.25	7.99	0.38	10.38	93.32	22.0	0.6	89.8
2025-11-21 05:05:28	2025-11-21 22:28:51	14	LVAG-04	0.0	10.0	7.97	0.38	9.99	92.66	22.0	0.8	29.9
2025-11-21 05:35:24	2025-11-21 22:28:51	14	LVAG-04	0.0	9.75	7.97	0.37	10.06	96.35	22.0	0.0	29.9
2025-11-21 06:05:20	2025-11-21 22:28:51	14	LVAG-04	0.0	9.75	7.99	0.37	9.95	94.91	22.0	0.0	29.9
2025-11-21 06:35:16	2025-11-21 22:28:51	14	LVAG-04	0.0	9.5	7.99	0.37	9.59	94.28	22.0	0.0	29.9
2025-11-21 07:05:11	2025-11-21 22:29:53	14	LVAG-04	0.0	9.5	7.98	0.37	9.7	93.41	22.0	1.0	29.9
2025-11-21 08:35:03	2025-11-21 22:30:09	14	LVAG-04	0.0	12.5	7.98	0.37	14.74	85.33	22.0	0.3	89.9
2025-11-21 07:35:07	2025-11-21 22:30:09	14	LVAG-04	0.0	9.75	7.99	0.37	10.46	94.62	22.0	0.0	-59.9
2025-11-21 08:05:05	2025-11-21 22:30:09	14	LVAG-04	0.0	10.75	7.98	0.37	12.12	93.71	22.0	0.0	30.0
2025-11-21 09:05:03	2025-11-21 22:30:09	14	LVAG-04	0.0	14.75	7.99	0.37	16.81	81.38	22.0	0.0	60.0
2025-11-21 09:36:34	2025-11-21 22:31:15	14	LVAG-04	0.0	17.0	7.97	0.37	18.4	72.62	22.0	1.1	31.5

## ■ DATOS COMPLETOS - Página 37 (Filas 1261-1295)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-21 10:06:33	2025-11-21 22:31:21	14	LVAG-04	0.0	19.0	7.98	0.37	19.88	62.16	22.0	0.1	30.0
2025-11-21 10:36:31	2025-11-21 22:31:21	14	LVAG-04	0.0	20.25	8.0	0.36	20.79	60.87	22.0	0.0	30.0
2025-11-21 11:06:30	2025-11-21 22:31:21	14	LVAG-04	0.0	21.5	8.0	0.36	22.27	54.88	22.0	0.0	30.0
2025-11-21 11:36:28	2025-11-21 22:31:38	14	LVAG-04	0.0	23.0	7.98	0.36	23.67	56.12	22.0	0.3	30.0
2025-11-21 12:06:26	2025-11-21 22:32:34	14	LVAG-04	0.0	24.25	8.0	0.36	25.01	45.71	22.0	0.9	30.0
2025-11-21 12:36:26	2025-11-21 22:32:35	14	LVAG-04	0.0	26.0	8.0	0.36	26.48	47.03	22.0	0.0	30.0
2025-11-21 13:06:27	2025-11-21 22:32:35	14	LVAG-04	0.0	29.25	7.91	0.37	28.56	38.21	22.0	0.0	30.0
2025-11-21 13:36:27	2025-11-21 22:32:35	14	LVAG-04	0.0	31.0	7.98	0.37	29.47	38.88	22.0	0.0	30.0
2025-11-21 14:06:24	2025-11-21 22:33:35	14	LVAG-04	0.0	32.5	7.96	0.37	30.23	37.21	22.0	1.0	29.9
2025-11-21 15:06:26	2025-11-21 22:33:59	14	LVAG-04	0.0	38.5	8.04	0.38	30.87	28.87	22.0	0.4	60.0
2025-11-21 14:36:24	2025-11-21 22:33:59	14	LVAG-04	0.0	35.25	8.04	0.38	31.7	29.64	22.0	0.0	-30.0
2025-11-21 15:36:24	2025-11-21 22:34:00	14	LVAG-04	0.0	40.0	8.0	0.37	32.18	30.92	22.0	0.0	60.0
2025-11-21 16:06:24	2025-11-21 22:34:00	14	LVAG-04	0.0	42.0	8.05	0.38	31.41	32.53	22.0	0.0	30.0
2025-11-21 16:36:17	2025-11-21 22:35:10	14	LVAG-04	0.0	41.25	8.05	0.39	30.91	25.86	22.0	1.2	29.9
2025-11-21 17:06:13	2025-11-21 22:35:26	14	LVAG-04	0.0	42.0	8.01	0.39	30.78	27.45	22.0	0.3	29.9
2025-11-21 17:36:13	2025-11-21 22:35:26	14	LVAG-04	0.0	45.0	8.05	0.38	31.67	29.43	22.0	0.0	30.0

2025-11-21 18:06:13	2025-11-21 22:35:26	14	LVAG-04	0.0	46.75	8.01	0.4	29.95	32.7	22.0	0.0	30.0
2025-11-21 18:35:53	2025-11-21 22:35:26	14	LVAG-04	0.0	38.25	8.01	0.4	27.67	37.72	22.0	0.0	29.7
2025-11-21 19:05:37	2025-11-21 22:36:35	14	LVAG-04	0.0	33.0	7.98	0.4	27.64	33.57	22.0	1.1	29.7
2025-11-21 20:05:18	2025-11-21 22:36:42	14	LVAG-04	0.0	27.5	8.0	0.41	23.77	40.83	22.0	0.1	59.7
2025-11-21 19:35:30	2025-11-21 22:36:42	14	LVAG-04	0.0	30.75	7.99	0.4	24.85	38.49	22.0	0.0	-29.8
2025-11-21 20:35:10	2025-11-21 22:36:42	14	LVAG-04	0.0	25.25	8.01	0.41	23.05	39.16	22.0	0.0	59.7
2025-11-21 21:05:02	2025-11-21 22:36:54	14	LVAG-04	0.0	23.5	8.0	0.41	21.73	46.21	22.0	0.2	29.9
2025-11-21 21:46:03	2025-11-22 11:49:30	14	LVAG-04	0.0	21.75	7.97	0.41	19.29	56.71	24.0	792.6	41.0
2025-11-22 00:15:30	2025-11-22 11:50:02	14	LVAG-04	0.0	16.0	7.98	0.43	15.31	63.17	24.0	0.5	149.4
2025-11-22 02:15:09	2025-11-22 11:51:08	14	LVAG-04	0.0	13.5	7.99	0.44	13.32	70.41	24.0	1.1	119.7
2025-11-22 05:44:34	2025-11-22 11:51:44	14	LVAG-04	0.0	10.75	8.0	0.47	10.75	82.7	24.0	0.6	209.4
2025-11-22 09:14:18	2025-11-22 11:53:18	14	LVAG-04	0.0	16.25	7.98	0.5	18.16	65.25	24.0	1.6	209.7
2025-11-22 09:50:16	2025-11-22 23:45:20	14	LVAG-04	0.0	19.25	8.0	0.5	20.41	54.69	23.0	712.0	36.0
2025-11-22 12:20:07	2025-11-22 23:45:54	14	LVAG-04	0.0	25.5	7.98	0.51	25.88	42.56	23.0	0.6	149.8
2025-11-22 13:50:02	2025-11-22 23:47:02	14	LVAG-04	0.0	30.25	7.98	0.51	28.52	36.75	23.0	1.1	89.9
2025-11-22 15:50:05	2025-11-22 23:47:27	14	LVAG-04	0.0	41.0	8.05	0.52	30.63	34.6	23.0	0.4	120.0
2025-11-22 16:20:01	2025-11-22 23:47:35	14	LVAG-04	0.0	41.0	8.05	0.52	30.46	37.05	23.0	0.1	29.9
2025-11-22 17:19:51	2025-11-22 23:47:40	14	LVAG-04	0.0	41.0	8.05	0.51	30.58	40.48	23.0	0.1	59.8
2025-11-22 21:18:45	2025-11-22 23:49:05	14	LVAG-04	0.0	21.5	8.0	0.53	19.42	60.23	23.0	1.4	238.9

## ■ DATOS COMPLETOS - Página 38 (Filas 1296-1330)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-22 23:53:54	2025-11-23 11:51:18	14	LVAG-04	0.0	14.75	8.0	0.53	14.14	82.05	19.0	722.2	155.2
2025-11-23 00:53:41	2025-11-23 11:51:34	14	LVAG-04	0.0	13.5	8.0	0.53	13.33	85.41	19.0	0.3	59.8
2025-11-23 01:23:36	2025-11-23 11:51:57	14	LVAG-04	0.0	13.0	7.98	0.53	13.0	86.64	19.0	0.4	29.9
2025-11-23 05:52:56	2025-11-23 11:52:58	14	LVAG-04	0.0	11.75	7.99	0.54	11.25	100.0	19.0	1.0	269.3
2025-11-23 06:52:46	2025-11-23 11:53:04	14	LVAG-04	0.0	11.75	7.98	0.54	11.7	100.0	19.0	0.1	59.8
2025-11-23 08:22:34	2025-11-23 11:53:14	14	LVAG-04	0.0	12.5	7.99	0.54	11.87	100.0	19.0	0.2	89.8
2025-11-23 09:58:14	2025-11-23 23:45:14	14	LVAG-04	0.0	15.5	8.0	0.54	14.82	89.7	25.0	712.0	95.7
2025-11-23 13:58:02	2025-11-23 23:45:54	14	LVAG-04	0.0	27.0	7.94	0.52	24.7	50.75	25.0	0.7	239.8
2025-11-23 14:28:01	2025-11-23 23:46:09	14	LVAG-04	0.0	28.75	8.02	0.52	25.41	51.21	25.0	0.2	30.0
2025-11-23 15:28:08	2025-11-23 23:46:14	14	LVAG-04	0.0	37.0	8.04	0.52	26.55	48.3	25.0	0.1	60.1
2025-11-23 16:57:58	2025-11-23 23:46:35	14	LVAG-04	0.0	39.75	8.01	0.51	27.26	46.48	25.0	0.3	89.8
2025-11-23 17:27:55	2025-11-23 23:46:45	14	LVAG-04	0.0	40.5	8.05	0.51	27.26	46.65	25.0	0.2	29.9
2025-11-23 18:27:40	2025-11-23 23:46:56	14	LVAG-04	0.0	35.75	7.99	0.51	24.91	53.74	25.0	0.2	59.8
2025-11-23 19:57:05	2025-11-23 23:47:20	14	LVAG-04	0.0	25.25	8.01	0.5	21.73	62.38	25.0	0.4	89.4
2025-11-23 20:26:57	2025-11-23 23:47:47	14	LVAG-04	0.0	23.25	8.01	0.5	20.31	67.73	25.0	0.5	29.9
2025-11-23 21:26:41	2025-11-23 23:48:08	14	LVAG-04	0.0	19.5	7.98	0.5	18.14	70.12	25.0	0.3	59.7

2025-11-23 22:02:19	2025-11-24 11:31:10	14	LVAG-04	0.0	18.5	8.01	0.5	16.83	73.7	23.0	703.0	35.6
2025-11-23 22:32:11	2025-11-24 11:31:29	14	LVAG-04	0.0	17.0	8.01	0.5	15.76	77.72	23.0	0.3	29.9
2025-11-24 00:31:48	2025-11-24 11:31:35	14	LVAG-04	0.0	13.75	8.0	0.52	13.49	85.31	23.0	0.1	119.6
2025-11-23 23:31:59	2025-11-24 11:31:35	14	LVAG-04	0.0	15.0	8.01	0.51	14.35	82.41	23.0	0.0	-59.8
2025-11-24 01:31:40	2025-11-24 11:32:14	14	LVAG-04	0.0	12.75	7.99	0.52	12.96	89.22	23.0	0.7	119.7
2025-11-24 04:01:20	2025-11-24 11:33:02	14	LVAG-04	0.0	13.5	7.97	0.53	13.26	94.27	23.0	0.8	149.7
2025-11-24 05:01:11	2025-11-24 11:33:47	14	LVAG-04	0.0	13.5	7.99	0.54	13.5	92.29	23.0	0.8	59.9
2025-11-24 05:31:07	2025-11-24 11:33:47	14	LVAG-04	0.0	13.5	7.93	0.54	13.44	94.33	23.0	0.0	29.9
2025-11-24 09:00:40	2025-11-24 11:35:00	14	LVAG-04	0.0	14.0	7.98	0.54	13.18	96.24	23.0	1.2	209.6
2025-11-24 09:36:32	2025-11-24 21:05:57	14	LVAG-04	0.0	15.0	8.0	0.54	14.17	92.86	21.0	571.0	35.9
2025-11-24 10:06:30	2025-11-24 21:06:01	14	LVAG-04	0.0	16.0	7.98	0.54	14.95	91.3	21.0	0.1	30.0
2025-11-24 10:36:27	2025-11-24 21:06:06	14	LVAG-04	0.0	17.25	7.94	0.54	15.81	85.66	21.0	0.1	29.9
2025-11-24 11:06:26	2025-11-24 21:06:10	14	LVAG-04	0.0	19.0	8.0	0.54	17.05	80.87	21.0	0.1	30.0
2025-11-24 11:36:26	2025-11-24 21:06:14	14	LVAG-04	0.0	20.25	8.0	0.54	17.8	81.46	21.0	0.1	30.0
2025-11-24 12:06:20	2025-11-24 21:06:19	14	LVAG-04	0.0	20.0	7.99	0.54	18.66	80.06	21.0	0.1	29.9
2025-11-24 12:36:17	2025-11-24 21:06:23	14	LVAG-04	0.0	20.75	8.02	0.54	20.32	73.05	21.0	0.1	29.9
2025-11-24 13:06:18	2025-11-24 21:06:27	14	LVAG-04	0.0	23.5	8.0	0.54	22.12	63.8	21.0	0.1	30.0
2025-11-24 13:36:17	2025-11-24 21:06:32	14	LVAG-04	0.0	25.0	7.98	0.54	23.33	62.04	21.0	0.1	30.0
2025-11-24 14:06:14	2025-11-24 21:06:36	14	LVAG-04	0.0	27.0	8.02	0.54	25.12	59.6	21.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 39 (Filas 1331-1365)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados Celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados Celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-24 14:36:16	2025-11-24 21:06:40	14	LVAG-04	0.0	30.25	8.03	0.54	25.65	56.8	21.0	0.1	30.0
2025-11-24 15:06:20	2025-11-24 21:06:45	14	LVAG-04	0.0	35.0	8.03	0.54	26.76	50.83	21.0	0.1	30.1
2025-11-24 15:36:20	2025-11-24 21:06:49	14	LVAG-04	0.0	36.5	8.03	0.54	26.56	51.52	21.0	0.1	30.0
2025-11-24 16:06:15	2025-11-24 21:06:53	14	LVAG-04	0.0	36.75	8.05	0.54	26.29	52.04	21.0	0.1	29.9
2025-11-24 16:36:12	2025-11-24 21:06:58	14	LVAG-04	0.0	37.75	8.01	0.54	26.54	51.23	21.0	0.1	29.9
2025-11-24 17:06:11	2025-11-24 21:07:02	14	LVAG-04	0.0	39.75	8.05	0.54	26.86	52.3	21.0	0.1	30.0
2025-11-24 17:36:08	2025-11-24 21:07:06	14	LVAG-04	0.0	41.75	8.04	0.55	28.21	50.12	21.0	0.1	29.9
2025-11-24 18:06:07	2025-11-24 21:07:11	14	LVAG-04	0.0	43.5	7.98	0.55	27.04	53.99	21.0	0.1	30.0
2025-11-24 18:35:48	2025-11-24 21:07:15	14	LVAG-04	0.0	35.25	8.01	0.54	23.92	60.04	21.0	0.1	29.7
2025-11-24 19:05:32	2025-11-24 21:07:19	14	LVAG-04	0.0	30.0	7.98	0.54	22.86	62.29	21.0	0.1	29.7
2025-11-24 19:35:21	2025-11-24 21:07:24	14	LVAG-04	0.0	26.75	7.98	0.54	21.67	64.76	21.0	0.1	29.8
2025-11-24 20:05:11	2025-11-24 21:07:28	14	LVAG-04	0.0	23.75	7.99	0.54	20.45	67.73	21.0	0.1	29.8
2025-11-24 20:35:03	2025-11-24 21:07:32	14	LVAG-04	0.0	21.75	8.0	0.54	19.23	74.82	21.0	0.1	29.9
2025-11-24 21:04:56	2025-11-24 21:07:37	14	LVAG-04	0.0	20.0	7.98	0.54	18.05	72.14	21.0	0.1	29.9
2025-11-24 21:37:05	2025-11-25 09:06:14	14	LVAG-04	0.0	18.5	7.96	0.54	16.74	77.84	20.0	718.6	32.1
2025-11-24 22:07:00	2025-11-25 09:06:19	14	LVAG-04	0.0	17.25	8.0	0.54	16.02	79.18	20.0	0.1	29.9



2025-11-24 22:36:53	2025-11-25 09:06:23	14	LVAG-04	0.0	16.25	7.99	0.53	15.36	81.61	20.0	0.1	29.9
2025-11-24 23:06:48	2025-11-25 09:06:28	14	LVAG-04	0.0	15.5	7.98	0.53	14.69	87.11	20.0	0.1	29.9
2025-11-24 23:36:42	2025-11-25 09:06:33	14	LVAG-04	0.0	14.75	8.0	0.53	14.44	85.46	20.0	0.1	29.9
2025-11-25 00:06:37	2025-11-25 09:06:37	14	LVAG-04	0.0	14.25	8.0	0.52	13.94	89.38	20.0	0.1	29.9
2025-11-25 00:36:32	2025-11-25 09:06:41	14	LVAG-04	0.0	14.0	8.0	0.52	13.98	90.36	20.0	0.1	29.9
2025-11-25 01:06:27	2025-11-25 09:06:45	14	LVAG-04	0.0	14.25	7.97	0.52	14.53	89.16	20.0	0.1	29.9
2025-11-25 01:36:24	2025-11-25 09:06:50	14	LVAG-04	0.0	14.5	7.99	0.52	14.55	87.87	20.0	0.1	29.9
2025-11-25 02:06:21	2025-11-25 09:06:55	14	LVAG-04	0.0	14.5	8.0	0.51	14.44	88.77	20.0	0.1	29.9
2025-11-25 02:36:17	2025-11-25 09:06:59	14	LVAG-04	0.0	14.75	7.98	0.51	14.58	88.58	20.0	0.1	29.9
2025-11-25 03:06:13	2025-11-25 09:07:04	14	LVAG-04	0.0	14.75	8.0	0.51	14.63	87.54	20.0	0.1	29.9
2025-11-25 03:36:08	2025-11-25 09:07:08	14	LVAG-04	0.0	14.5	8.0	0.51	14.2	89.99	20.0	0.1	29.9
2025-11-25 04:06:05	2025-11-25 09:07:12	14	LVAG-04	0.0	14.5	7.98	0.51	14.07	92.54	20.0	0.1	29.9
2025-11-25 04:36:00	2025-11-25 09:07:17	14	LVAG-04	0.0	14.5	7.98	0.51	14.1	90.96	20.0	0.1	29.9
2025-11-25 05:05:55	2025-11-25 09:07:21	14	LVAG-04	0.0	14.25	7.98	0.51	13.96	93.0	20.0	0.1	29.9
2025-11-25 05:35:50	2025-11-25 09:07:25	14	LVAG-04	0.0	14.25	8.0	0.51	13.93	93.98	20.0	0.1	29.9
2025-11-25 06:05:45	2025-11-25 09:07:30	14	LVAG-04	0.0	14.25	8.01	0.5	13.89	94.31	20.0	0.1	29.9
2025-11-25 06:35:41	2025-11-25 09:07:35	14	LVAG-04	0.0	14.25	8.0	0.5	14.01	94.4	20.0	0.1	29.9
2025-11-25 07:05:36	2025-11-25 09:07:39	14	LVAG-04	0.0	14.25	8.0	0.5	13.91	94.34	20.0	0.1	29.9
2025-11-25 07:35:33	2025-11-25 09:07:43	14	LVAG-04	0.0	14.5	7.98	0.5	14.11	93.93	20.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 40 (Filas 1366-1368)

fecha	fecha_insercion	id_proyecto	codigo_interno	A01NYUB [Distancia (m)]	DS3231 [Grados celsius (°C)]	Divisor de Voltaje [Voltaje (V)]	LIQ-136 [Profundidad (m)]	SHT40 [Grados celsius (°C)]	SHT40 [Humedad (%)]	SIM7600G [Intensidad señal telefónica (Adimensional)]	Min. Dif. Insercion	Min. Dif. Medicion
2025-11-25 08:05:28	2025-11-25 09:07:48	14	LVAG-04	0.0	14.5	7.99	0.5	14.3	94.3	20.0	0.1	29.9
2025-11-25 08:35:26	2025-11-25 09:07:52	14	LVAG-04	0.0	15.25	7.99	0.5	14.62	91.17	20.0	0.1	30.0
2025-11-25 09:05:23	2025-11-25 09:07:56	14	LVAG-04	0.0	15.5	7.97	0.51	14.91	88.96	20.0	0.1	29.9

## DIAGNOSTICO DEL RENDIMIENTO DEL SISTEMA

### RESUMEN GENERAL:

- Total de días con datos: **33**
- Total de mediciones: **1,368**
- Promedio de mediciones por día: **41.5**
- Rango de mediciones diarias: **5 - 48**

Metrica	Intervalos Medicion (min)	Intervalos Insercion (min)
Media	33.15	32.65
Mediana	29.93	0.07
Desv. Estándar	31.25	154.66
Mínimo	29.65	0.00
Máximo	724.37	1517.33
Q1 (25%)	29.90	0.07
Q3 (75%)	29.98	0.08

Total Intervalos	1367	1367
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