

# REPORTE DE DATOS - LVAG-05

Proyecto 14 | Generado el 20/11/2025 09:32:05

Descripción del Dataset:  
 Fecha inserción inicial: 2025-11-10 09:12:41  
 Fecha inserción final: 2025-11-19 21:17:41  
 Código interno: LVAG-05

Archivos: 5 | Registros: 410 | Fechas: 2

Archivo	Fecha Carpeta	Registros
LVAG-05_paquete_001_20251112.csv	2025-11-10	100
LVAG-05_paquete_002_20251115.csv	2025-11-10	100
LVAG-05_paquete_003_20251116.csv	2025-11-10	89
LVAG-05_paquete_001_20251119.csv	2025-11-17	100
LVAG-05_paquete_002_20251119.csv	2025-11-17	21

## 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%	99.3%	99.9%	EXCELENTE	0	1.22%
DS3231 [Grados celcius (°C)]	100.0%	100.0%	60.0%	99.3%	89.9%	BUENA	0	41.13%
Divisor de Voltaje [Voltaje (V)]	100.0%	91.2%	100.0%	99.3%	97.3%	EXCELENTE	36	0.29%

LIQ-136 [Profundidad (m)]	100.0%	100.0%	100.0%	99.3%	99.9%	EXCELENTE	0	2.71%
SHT40 [Grados celcius (°C)]	100.0%	100.0%	60.0%	99.3%	89.9%	BUENA	0	33.32%
SHT40 [Humedad (%)]	100.0%	100.0%	80.0%	99.3%	94.9%	EXCELENTE	0	27.26%
SIM7600G [Intensidad señal telefónica (Adimensional)]	100.0%	82.0%	100.0%	99.3%	94.5%	EXCELENTE	74	4.37%

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 (≥90%) | BUENA (≥80%) | ACEPTABLE (≥70%) | DEFICIENTE (<70%)

ESTADISTICAS DESCRIPTIVAS

Variable	Media	Mediana	Moda	Desv. Est.	Varianza	Mín	Máx	Q1	Q3	N válidos
A01NYUB [Distancia (m)]	1.0506	1.0500	1.0600	0.0129	0.0002	1.0200	1.0900	1.0400	1.0600	410
DS3231 [Grados celcius (°C)]	21.5470	20.6250	12.2500	8.8631	78.5548	7.7500	41.0000	13.5000	29.1875	410
Divisor de Voltaje [Voltaje (V)]	8.0568	8.0500	8.0500	0.0233	0.0005	8.0300	8.1400	8.0500	8.0500	410
LIQ-136 [Profundidad (m)]	0.4279	0.4300	0.4200	0.0116	0.0001	0.4000	0.4500	0.4200	0.4400	410
SHT40 [Grados celcius (°C)]	18.2968	17.4850	11.6800	6.0966	37.1687	7.7700	31.2500	13.1800	23.5775	410
SHT40 [Humedad (%)]	67.7324	69.4050	48.8800	18.4624	340.8618	30.1400	98.8900	50.4000	84.5675	410

SIM7600G [Intensidad señal telefónica (Adimensional)]	30.2220	31.0000	31.0000	1.3201	1.7428	27.0000	31.0000	30.0000	31.0000	410
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■ **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 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 21:43:52	2025-11-10 09:12:41	14	LVAG-05	1.02	16.5	8.05	0.44	15.23	65.65	28.0	Primera	Primera
2025-11-09 22:13:44	2025-11-10 09:12:45	14	LVAG-05	1.03	15.5	8.05	0.45	14.64	66.88	28.0	0.1	29.9
2025-11-09 22:43:36	2025-11-10 09:12:50	14	LVAG-05	1.03	14.75	8.05	0.45	14.34	68.6	28.0	0.1	29.9
2025-11-09 23:13:28	2025-11-10 09:12:55	14	LVAG-05	1.03	14.0	8.05	0.45	13.64	67.99	28.0	0.1	29.9
2025-11-09 23:43:18	2025-11-10 09:13:00	14	LVAG-05	1.03	13.5	8.05	0.45	13.27	71.56	28.0	0.1	29.8
2025-11-10 00:13:10	2025-11-10 09:13:04	14	LVAG-05	1.02	12.5	8.05	0.45	12.29	77.83	28.0	0.1	29.9
2025-11-10 00:43:03	2025-11-10 09:13:09	14	LVAG-05	1.03	12.0	8.05	0.45	11.98	78.58	28.0	0.1	29.9
2025-11-10 01:12:54	2025-11-10 09:13:13	14	LVAG-05	1.03	11.25	8.05	0.45	10.86	82.27	28.0	0.1	29.9
2025-11-10 01:42:45	2025-11-10 09:13:19	14	LVAG-05	1.03	10.25	8.05	0.45	9.96	86.95	28.0	0.1	29.9

2025-11-10 02:12:37	2025-11-10 09:13:23	14	LVAG-05	1.03	9.75	8.05	0.45	9.44	84.84	28.0	0.1	29.9
2025-11-10 02:42:29	2025-11-10 09:13:27	14	LVAG-05	1.03	9.25	8.05	0.45	9.39	86.76	28.0	0.1	29.9
2025-11-10 03:12:21	2025-11-10 09:13:33	14	LVAG-05	1.03	9.0	8.05	0.45	9.13	86.8	28.0	0.1	29.9
2025-11-10 03:42:13	2025-11-10 09:13:38	14	LVAG-05	1.03	8.75	8.05	0.45	9.13	86.62	28.0	0.1	29.9
2025-11-10 04:12:07	2025-11-10 09:13:43	14	LVAG-05	1.03	8.5	8.05	0.45	8.86	88.16	28.0	0.1	29.9
2025-11-10 04:41:58	2025-11-10 09:13:48	14	LVAG-05	1.03	8.25	8.05	0.45	8.75	90.26	28.0	0.1	29.9
2025-11-10 05:11:50	2025-11-10 09:13:52	14	LVAG-05	1.03	8.0	8.03	0.45	8.43	90.01	28.0	0.1	29.9
2025-11-10 05:41:41	2025-11-10 09:13:57	14	LVAG-05	1.03	8.0	8.05	0.45	8.09	91.47	28.0	0.1	29.9
2025-11-10 06:11:34	2025-11-10 09:14:01	14	LVAG-05	1.03	7.75	8.05	0.45	8.17	94.42	28.0	0.1	29.9
2025-11-10 06:41:27	2025-11-10 09:14:06	14	LVAG-05	1.03	7.75	8.05	0.45	7.77	94.23	28.0	0.1	29.9
2025-11-10 07:11:20	2025-11-10 09:14:11	14	LVAG-05	1.03	8.25	8.05	0.45	9.7	89.33	28.0	0.1	29.9
2025-11-10 07:41:21	2025-11-10 09:14:15	14	LVAG-05	1.03	12.0	8.05	0.45	11.8	84.3	28.0	0.1	30.0
2025-11-10 08:11:24	2025-11-10 09:14:20	14	LVAG-05	1.04	16.5	8.05	0.45	13.39	76.29	28.0	0.1	30.1
2025-11-10 08:41:25	2025-11-10 09:14:24	14	LVAG-05	1.04	20.5	8.05	0.45	13.99	76.71	28.0	0.1	30.0
2025-11-10 09:11:19	2025-11-10 09:14:30	14	LVAG-05	1.04	21.25	8.05	0.45	14.41	78.79	28.0	0.1	29.9
2025-11-10 21:47:11	2025-11-11 09:15:30	14	LVAG-05	1.03	15.5	8.05	0.44	14.35	63.71	31.0	1441.0	755.9
2025-11-10 22:17:02	2025-11-11 09:15:34	14	LVAG-05	1.03	14.5	8.05	0.44	13.7	65.69	31.0	0.1	29.9
2025-11-10 22:46:54	2025-11-11 09:15:38	14	LVAG-05	1.03	13.5	8.05	0.44	13.31	70.1	31.0	0.1	29.9
2025-11-10 23:16:47	2025-11-11 09:15:43	14	LVAG-05	1.03	13.0	8.05	0.44	12.67	75.56	31.0	0.1	29.9
2025-11-10 23:46:40	2025-11-11 09:15:47	14	LVAG-05	1.03	12.25	8.05	0.44	11.84	77.54	31.0	0.1	29.9
2025-11-11 00:16:32	2025-11-11 09:15:51	14	LVAG-05	1.04	12.0	8.05	0.44	11.5	79.21	31.0	0.1	29.9

2025-11-11 00:46:25	2025-11-11 09:15:56	14	LVAG-05	1.03	11.75	8.05	0.44	11.33	81.93	31.0	0.1	29.9
2025-11-11 01:16:16	2025-11-11 09:16:00	14	LVAG-05	1.03	11.25	8.05	0.44	11.11	81.59	31.0	0.1	29.9
2025-11-11 01:46:09	2025-11-11 09:16:04	14	LVAG-05	1.03	10.75	8.05	0.44	10.96	84.38	31.0	0.1	29.9
2025-11-11 02:15:59	2025-11-11 09:16:09	14	LVAG-05	1.03	10.25	8.05	0.44	10.21	87.85	31.0	0.1	29.8
2025-11-11 02:45:52	2025-11-11 09:16:13	14	LVAG-05	1.03	9.75	8.04	0.44	9.25	88.13	31.0	0.1	29.9

## ■ 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
2025-11-11 03:15:45	2025-11-11 09:16:17	14	LVAG-05	1.04	9.25	8.05	0.44	8.88	89.02	31.0	0.1	29.9
2025-11-11 03:45:36	2025-11-11 09:16:22	14	LVAG-05	1.03	8.5	8.04	0.44	8.23	92.53	31.0	0.1	29.9
2025-11-11 04:15:28	2025-11-11 09:16:26	14	LVAG-05	1.03	8.0	8.05	0.44	8.43	92.02	31.0	0.1	29.9
2025-11-11 04:45:22	2025-11-11 09:16:31	14	LVAG-05	1.03	7.75	8.05	0.44	7.84	94.13	31.0	0.1	29.9
2025-11-11 05:15:16	2025-11-11 09:16:35	14	LVAG-05	1.03	7.75	8.05	0.44	8.49	93.75	31.0	0.1	29.9
2025-11-11 05:45:10	2025-11-11 09:16:39	14	LVAG-05	1.04	8.0	8.05	0.44	7.78	93.51	31.0	0.1	29.9
2025-11-11 06:15:02	2025-11-11 09:16:43	14	LVAG-05	1.03	7.75	8.05	0.44	8.19	94.79	31.0	0.1	29.9
2025-11-11 06:44:57	2025-11-11 09:16:48	14	LVAG-05	1.03	8.5	8.05	0.44	9.15	93.36	31.0	0.1	29.9
2025-11-11 07:14:53	2025-11-11 09:16:52	14	LVAG-05	1.04	9.25	8.05	0.44	9.5	94.27	31.0	0.1	29.9
2025-11-11 07:44:50	2025-11-11 09:16:56	14	LVAG-05	1.04	10.75	8.05	0.44	10.33	91.44	31.0	0.1	29.9
2025-11-11 08:14:45	2025-11-11 09:17:01	14	LVAG-05	1.03	12.25	8.05	0.44	11.31	86.24	31.0	0.1	29.9
2025-11-11 08:44:44	2025-11-11 09:17:05	14	LVAG-05	1.04	15.25	8.05	0.44	12.56	80.74	31.0	0.1	30.0
2025-11-11 09:14:42	2025-11-11 09:17:09	14	LVAG-05	1.04	17.75	8.05	0.44	12.9	79.53	31.0	0.1	30.0
2025-11-11 09:46:58	2025-11-11 21:14:54	14	LVAG-05	1.04	19.75	8.05	0.44	13.53	79.26	31.0	717.8	32.3
2025-11-11 10:16:54	2025-11-11 21:14:58	14	LVAG-05	1.04	21.25	8.05	0.44	14.48	76.39	31.0	0.1	29.9
2025-11-11 10:46:45	2025-11-11 21:15:02	14	LVAG-05	1.04	21.0	8.05	0.44	15.43	68.22	31.0	0.1	29.9

2025-11-11 11:16:39	2025-11-11 21:15:07	14	LVAG-05	1.04	21.5	8.05	0.44	16.72	66.36	31.0	0.1	29.9
2025-11-11 11:46:34	2025-11-11 21:15:11	14	LVAG-05	1.04	22.5	8.05	0.44	18.0	61.2	31.0	0.1	29.9
2025-11-11 12:16:29	2025-11-11 21:15:15	14	LVAG-05	1.04	24.25	8.05	0.44	18.64	56.15	31.0	0.1	29.9
2025-11-11 12:46:22	2025-11-11 21:15:20	14	LVAG-05	1.03	24.25	8.05	0.44	19.28	57.06	31.0	0.1	29.9
2025-11-11 13:16:17	2025-11-11 21:15:24	14	LVAG-05	1.04	25.25	8.05	0.44	20.14	53.08	31.0	0.1	29.9
2025-11-11 13:46:12	2025-11-11 21:15:29	14	LVAG-05	1.04	26.25	8.05	0.44	20.95	50.11	31.0	0.1	29.9
2025-11-11 14:16:07	2025-11-11 21:15:33	14	LVAG-05	1.04	27.5	8.05	0.44	22.11	43.88	31.0	0.1	29.9
2025-11-11 14:46:02	2025-11-11 21:15:37	14	LVAG-05	1.03	28.5	8.05	0.44	22.67	47.89	31.0	0.1	29.9
2025-11-11 15:15:55	2025-11-11 21:15:41	14	LVAG-05	1.04	29.0	8.05	0.44	23.17	46.96	31.0	0.1	29.9
2025-11-11 15:45:50	2025-11-11 21:15:46	14	LVAG-05	1.04	30.25	8.05	0.44	23.62	46.91	31.0	0.1	29.9
2025-11-11 16:15:47	2025-11-11 21:15:50	14	LVAG-05	1.04	33.0	8.05	0.44	24.27	45.21	31.0	0.1	29.9
2025-11-11 16:45:42	2025-11-11 21:15:54	14	LVAG-05	1.04	33.75	8.05	0.44	24.39	40.95	31.0	0.1	29.9
2025-11-11 17:15:34	2025-11-11 21:15:59	14	LVAG-05	1.04	32.75	8.05	0.44	24.3	39.94	31.0	0.1	29.9
2025-11-11 17:45:28	2025-11-11 21:16:03	14	LVAG-05	1.04	33.75	8.05	0.44	24.78	38.0	31.0	0.1	29.9
2025-11-11 18:15:23	2025-11-11 21:16:07	14	LVAG-05	1.04	34.0	8.05	0.44	24.52	36.26	31.0	0.1	29.9
2025-11-11 18:45:16	2025-11-11 21:16:12	14	LVAG-05	1.05	33.75	8.05	0.44	24.4	40.08	31.0	0.1	29.9
2025-11-11 19:15:10	2025-11-11 21:16:16	14	LVAG-05	1.05	34.25	8.05	0.44	24.52	35.28	31.0	0.1	29.9
2025-11-11 19:45:02	2025-11-11 21:16:20	14	LVAG-05	1.04	32.5	8.05	0.44	22.85	47.34	31.0	0.1	29.9
2025-11-11 20:14:44	2025-11-11 21:16:25	14	LVAG-05	1.04	26.0	8.05	0.44	21.73	46.75	31.0	0.1	29.7

## ■ 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
2025-11-11 20:44:30	2025-11-11 21:16:29	14	LVAG-05	1.04	22.75	8.05	0.44	20.42	48.92	31.0	0.1	29.8
2025-11-11 21:14:18	2025-11-11 21:16:33	14	LVAG-05	1.04	20.5	8.05	0.44	19.78	49.81	31.0	0.1	29.8
2025-11-11 21:46:15	2025-11-12 09:14:25	14	LVAG-05	1.04	19.5	8.05	0.44	18.66	55.05	29.0	717.9	31.9
2025-11-11 22:16:07	2025-11-12 09:14:30	14	LVAG-05	1.04	18.5	8.05	0.44	17.84	59.22	29.0	0.1	29.9
2025-11-11 22:46:00	2025-11-12 09:14:34	14	LVAG-05	1.03	17.5	8.05	0.44	17.5	62.26	29.0	0.1	29.9
2025-11-11 23:15:51	2025-11-12 09:14:39	14	LVAG-05	1.03	16.5	8.05	0.44	15.63	71.99	29.0	0.1	29.9
2025-11-11 23:45:42	2025-11-12 09:14:43	14	LVAG-05	1.04	15.5	8.05	0.44	14.49	76.12	29.0	0.1	29.9
2025-11-12 00:15:32	2025-11-12 09:14:48	14	LVAG-05	1.04	14.0	8.05	0.44	13.15	78.29	29.0	0.1	29.8
2025-11-12 00:45:23	2025-11-12 09:14:52	14	LVAG-05	1.03	13.25	8.05	0.44	13.19	77.69	29.0	0.1	29.9
2025-11-12 01:15:16	2025-11-12 09:14:57	14	LVAG-05	1.03	12.5	8.05	0.44	12.29	82.41	29.0	0.1	29.9
2025-11-12 01:45:09	2025-11-12 09:15:01	14	LVAG-05	1.04	12.25	8.05	0.44	11.57	83.77	29.0	0.1	29.9
2025-11-12 02:14:59	2025-11-12 09:15:05	14	LVAG-05	1.04	11.5	8.05	0.44	11.8	85.31	29.0	0.1	29.8
2025-11-12 02:44:51	2025-11-12 09:15:10	14	LVAG-05	1.03	11.0	8.05	0.44	11.68	86.66	29.0	0.1	29.9
2025-11-12 03:14:43	2025-11-12 09:15:14	14	LVAG-05	1.04	10.75	8.05	0.44	10.51	87.18	29.0	0.1	29.9
2025-11-12 03:44:34	2025-11-12 09:15:18	14	LVAG-05	1.04	10.5	8.05	0.44	10.32	89.41	29.0	0.1	29.9
2025-11-12 04:14:27	2025-11-12 09:15:23	14	LVAG-05	1.04	10.0	8.05	0.44	10.0	90.41	29.0	0.1	29.9



2025-11-12 04:44:20	2025-11-12 09:15:27	14	LVAG-05	1.04	10.0	8.05	0.44	10.24	88.19	29.0	0.1	29.9
2025-11-12 05:14:10	2025-11-12 09:15:32	14	LVAG-05	1.04	9.5	8.05	0.44	9.65	92.95	29.0	0.1	29.8
2025-11-12 05:44:02	2025-11-12 09:15:37	14	LVAG-05	1.04	9.5	8.05	0.44	9.47	92.51	29.0	0.1	29.9
2025-11-12 06:13:56	2025-11-12 09:15:42	14	LVAG-05	1.04	9.25	8.05	0.44	9.61	95.37	29.0	0.1	29.9
2025-11-12 06:43:48	2025-11-12 09:15:46	14	LVAG-05	1.04	9.25	8.05	0.44	9.99	97.31	29.0	0.1	29.9
2025-11-12 07:13:42	2025-11-12 09:15:50	14	LVAG-05	1.04	9.75	8.05	0.44	11.11	90.06	29.0	0.1	29.9
2025-11-12 07:43:43	2025-11-12 09:15:55	14	LVAG-05	1.04	14.5	8.05	0.44	14.33	80.08	29.0	0.1	30.0
2025-11-12 08:13:46	2025-11-12 09:15:59	14	LVAG-05	1.04	19.0	8.05	0.44	15.96	75.38	29.0	0.1	30.1
2025-11-12 08:43:47	2025-11-12 09:16:03	14	LVAG-05	1.04	22.75	8.05	0.44	15.7	78.29	29.0	0.1	30.0
2025-11-12 09:13:40	2025-11-12 09:16:08	14	LVAG-05	1.05	22.5	8.05	0.44	15.9	76.55	29.0	0.1	29.9
2025-11-12 09:45:52	2025-11-12 21:14:23	14	LVAG-05	1.04	22.75	8.05	0.44	17.26	65.65	27.0	718.2	32.2
2025-11-12 10:15:47	2025-11-12 21:14:27	14	LVAG-05	1.04	24.25	8.05	0.44	17.83	67.61	27.0	0.1	29.9
2025-11-12 10:45:39	2025-11-12 21:14:32	14	LVAG-05	1.04	24.0	8.05	0.44	18.79	58.45	27.0	0.1	29.9
2025-11-12 11:15:31	2025-11-12 21:14:36	14	LVAG-05	1.03	24.25	8.05	0.44	19.43	60.72	27.0	0.1	29.9
2025-11-12 11:45:26	2025-11-12 21:14:41	14	LVAG-05	1.04	25.5	8.05	0.44	20.44	54.03	27.0	0.1	29.9
2025-11-12 12:15:21	2025-11-12 21:14:45	14	LVAG-05	1.04	26.75	8.05	0.44	21.8	51.58	27.0	0.1	29.9
2025-11-12 12:45:15	2025-11-12 21:14:50	14	LVAG-05	1.04	27.75	8.05	0.44	22.84	49.71	27.0	0.1	29.9
2025-11-12 13:15:10	2025-11-12 21:14:54	14	LVAG-05	1.04	28.75	8.05	0.44	23.6	48.68	27.0	0.1	29.9
2025-11-12 13:45:05	2025-11-12 21:14:59	14	LVAG-05	1.04	30.0	8.05	0.44	24.66	46.39	27.0	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
2025-11-12 14:15:00	2025-11-12 21:15:04	14	LVAG-05	1.04	30.75	8.05	0.44	25.36	39.16	27.0	0.1	29.9
2025-11-12 14:44:55	2025-11-12 21:15:09	14	LVAG-05	1.04	31.5	8.05	0.44	26.09	38.49	27.0	0.1	29.9
2025-11-12 15:14:49	2025-11-12 21:15:13	14	LVAG-05	1.04	32.0	8.05	0.44	26.4	37.88	27.0	0.1	29.9
2025-11-12 15:44:43	2025-11-12 21:15:18	14	LVAG-05	1.04	33.0	8.05	0.44	26.91	44.39	27.0	0.1	29.9
2025-11-12 16:14:41	2025-11-12 21:15:23	14	LVAG-05	1.04	37.0	8.05	0.44	27.68	35.75	27.0	0.1	30.0
2025-11-12 16:44:36	2025-11-12 21:15:28	14	LVAG-05	1.04	37.75	8.05	0.44	27.84	40.35	27.0	0.1	29.9
2025-11-12 17:14:27	2025-11-12 21:15:32	14	LVAG-05	1.04	36.75	8.05	0.44	27.73	33.93	27.0	0.1	29.9
2025-11-12 17:44:20	2025-11-12 21:15:37	14	LVAG-05	1.05	37.25	8.05	0.44	27.82	33.23	27.0	0.1	29.9
2025-11-12 18:14:16	2025-11-12 21:15:41	14	LVAG-05	1.05	38.0	8.05	0.44	27.92	32.77	27.0	0.1	29.9
2025-11-12 18:44:08	2025-11-12 21:15:46	14	LVAG-05	1.05	37.25	8.05	0.44	27.88	30.14	27.0	0.1	29.9
2025-11-12 19:14:02	2025-11-12 21:15:50	14	LVAG-05	1.05	37.25	8.05	0.44	27.12	32.41	27.0	0.1	29.9
2025-11-12 19:43:50	2025-11-12 21:15:55	14	LVAG-05	1.04	34.5	8.05	0.44	25.43	34.04	27.0	0.1	29.8
2025-11-12 20:13:32	2025-11-12 21:15:59	14	LVAG-05	1.04	28.25	8.05	0.44	24.64	33.25	27.0	0.1	29.7
2025-11-12 20:43:19	2025-11-12 21:16:04	14	LVAG-05	1.04	25.5	8.05	0.44	23.4	37.2	27.0	0.1	29.8
2025-11-12 21:13:08	2025-11-12 21:16:09	14	LVAG-05	1.04	23.5	8.05	0.44	22.39	39.19	27.0	0.1	29.8
2025-11-12 21:45:49	2025-11-13 09:14:11	14	LVAG-05	1.04	22.25	8.05	0.44	21.38	48.88	27.0	718.0	32.7

2025-11-13 09:48:55	2025-11-13 21:16:47	14	LVAG-05	1.05	24.0	8.05	0.44	18.39	65.89	31.0	722.6	723.1
2025-11-13 10:18:50	2025-11-13 21:16:52	14	LVAG-05	1.04	25.0	8.05	0.44	19.52	55.9	31.0	0.1	29.9
2025-11-13 10:48:45	2025-11-13 21:16:56	14	LVAG-05	1.04	26.5	8.05	0.44	20.94	49.29	31.0	0.1	29.9
2025-11-13 11:18:38	2025-11-13 21:17:01	14	LVAG-05	1.04	27.25	8.05	0.44	22.05	45.03	31.0	0.1	29.9
2025-11-13 11:48:33	2025-11-13 21:17:05	14	LVAG-05	1.04	28.5	8.05	0.44	23.22	50.8	31.0	0.1	29.9
2025-11-13 12:18:28	2025-11-13 21:17:09	14	LVAG-05	1.05	29.25	8.05	0.44	24.34	55.47	31.0	0.1	29.9
2025-11-13 12:48:23	2025-11-13 21:17:13	14	LVAG-05	1.04	30.25	8.05	0.44	25.55	45.49	31.0	0.1	29.9
2025-11-13 13:18:20	2025-11-13 21:17:18	14	LVAG-05	1.04	32.0	8.05	0.44	26.37	43.61	31.0	0.1	29.9
2025-11-13 13:48:13	2025-11-13 21:17:22	14	LVAG-05	1.04	33.5	8.05	0.44	28.17	38.58	31.0	0.1	29.9
2025-11-13 14:18:09	2025-11-13 21:17:26	14	LVAG-05	1.04	35.75	8.05	0.43	29.63	36.41	31.0	0.1	29.9
2025-11-13 14:48:03	2025-11-13 21:17:31	14	LVAG-05	1.05	35.75	8.05	0.44	29.45	35.45	31.0	0.1	29.9
2025-11-13 15:17:53	2025-11-13 21:17:35	14	LVAG-05	1.05	35.5	8.05	0.43	29.65	34.35	31.0	0.1	29.8
2025-11-13 15:47:47	2025-11-13 21:17:39	14	LVAG-05	1.05	36.25	8.05	0.43	29.93	35.79	31.0	0.1	29.9
2025-11-13 16:17:41	2025-11-13 21:17:44	14	LVAG-05	1.04	36.75	8.05	0.43	29.87	34.19	31.0	0.1	29.9
2025-11-13 16:47:32	2025-11-13 21:17:48	14	LVAG-05	1.05	36.75	8.05	0.43	29.54	36.54	31.0	0.1	29.9
2025-11-13 17:17:24	2025-11-13 21:17:52	14	LVAG-05	1.05	37.0	8.05	0.43	29.31	35.63	31.0	0.1	29.9
2025-11-13 17:47:16	2025-11-13 21:17:57	14	LVAG-05	1.05	36.75	8.05	0.43	28.98	34.53	31.0	0.1	29.9
2025-11-13 18:17:09	2025-11-13 21:18:01	14	LVAG-05	1.05	36.5	8.05	0.43	28.25	39.74	31.0	0.1	29.9
2025-11-13 18:47:00	2025-11-13 21:18:05	14	LVAG-05	1.05	35.5	8.05	0.43	27.26	40.97	31.0	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
2025-11-13 19:16:50	2025-11-13 21:18:10	14	LVAG-05	1.05	34.25	8.05	0.43	26.31	43.26	31.0	0.1	29.8
2025-11-13 19:46:39	2025-11-13 21:18:14	14	LVAG-05	1.05	31.75	8.05	0.43	24.94	46.48	31.0	0.1	29.8
2025-11-13 20:16:24	2025-11-13 21:18:18	14	LVAG-05	1.05	27.25	8.05	0.43	24.35	47.0	31.0	0.1	29.8
2025-11-13 20:46:12	2025-11-13 21:18:22	14	LVAG-05	1.05	25.0	8.05	0.43	23.51	50.39	31.0	0.1	29.8
2025-11-13 21:16:02	2025-11-13 21:18:27	14	LVAG-05	1.04	23.5	8.05	0.43	22.56	50.52	31.0	0.1	29.8
2025-11-13 21:48:09	2025-11-14 09:16:32	14	LVAG-05	1.04	22.5	8.05	0.43	21.17	61.23	31.0	718.1	32.1
2025-11-13 22:18:00	2025-11-14 09:16:36	14	LVAG-05	1.04	21.0	8.05	0.43	20.18	62.55	31.0	0.1	29.9
2025-11-13 22:47:48	2025-11-14 09:16:40	14	LVAG-05	1.04	19.75	8.05	0.43	17.8	67.94	31.0	0.1	29.8
2025-11-13 23:17:39	2025-11-14 09:16:45	14	LVAG-05	1.04	18.25	8.05	0.43	16.98	74.8	31.0	0.1	29.9
2025-11-13 23:47:29	2025-11-14 09:16:49	14	LVAG-05	1.04	16.75	8.05	0.43	15.94	77.4	31.0	0.1	29.8
2025-11-14 00:17:20	2025-11-14 09:16:53	14	LVAG-05	1.04	15.75	8.05	0.43	15.25	77.88	31.0	0.1	29.9
2025-11-14 00:47:10	2025-11-14 09:16:58	14	LVAG-05	1.04	15.25	8.05	0.43	14.76	79.42	31.0	0.1	29.8
2025-11-14 01:17:02	2025-11-14 09:17:02	14	LVAG-05	1.04	14.75	8.05	0.43	14.62	80.71	31.0	0.1	29.9
2025-11-14 01:46:54	2025-11-14 09:17:06	14	LVAG-05	1.04	14.25	8.05	0.43	14.32	85.42	31.0	0.1	29.9
2025-11-14 02:16:47	2025-11-14 09:17:11	14	LVAG-05	1.04	13.75	8.05	0.43	13.62	84.63	31.0	0.1	29.9
2025-11-14 02:46:38	2025-11-14 09:17:15	14	LVAG-05	1.04	13.5	8.05	0.43	13.53	84.92	31.0	0.1	29.9

2025-11-14 03:16:31	2025-11-14 09:17:19	14	LVAG-05	1.04	13.25	8.05	0.43	13.29	87.46	31.0	0.1	29.9
2025-11-14 03:46:23	2025-11-14 09:17:24	14	LVAG-05	1.04	12.75	8.05	0.43	13.18	86.75	31.0	0.1	29.9
2025-11-14 04:16:15	2025-11-14 09:17:28	14	LVAG-05	1.04	12.5	8.05	0.43	12.39	88.84	31.0	0.1	29.9
2025-11-14 04:46:08	2025-11-14 09:17:32	14	LVAG-05	1.04	12.25	8.05	0.43	12.32	90.96	31.0	0.1	29.9
2025-11-14 05:16:01	2025-11-14 09:17:37	14	LVAG-05	1.04	12.0	8.05	0.43	12.56	90.32	31.0	0.1	29.9
2025-11-14 05:45:53	2025-11-14 09:17:41	14	LVAG-05	1.04	12.0	8.05	0.43	12.36	92.29	31.0	0.1	29.9
2025-11-14 06:15:47	2025-11-14 09:17:45	14	LVAG-05	1.04	11.5	8.05	0.43	11.49	93.74	31.0	0.1	29.9
2025-11-14 06:45:40	2025-11-14 09:17:50	14	LVAG-05	1.04	11.5	8.05	0.43	12.25	94.52	31.0	0.1	29.9
2025-11-14 07:15:36	2025-11-14 09:17:54	14	LVAG-05	1.05	12.75	8.05	0.43	13.11	89.68	31.0	0.1	29.9
2025-11-14 07:45:37	2025-11-14 09:17:58	14	LVAG-05	1.05	16.75	8.05	0.43	16.95	81.75	31.0	0.1	30.0
2025-11-14 08:15:40	2025-11-14 09:18:02	14	LVAG-05	1.05	21.0	8.05	0.43	16.39	81.64	31.0	0.1	30.1
2025-11-14 08:45:39	2025-11-14 09:18:07	14	LVAG-05	1.06	23.0	8.05	0.43	17.52	77.89	31.0	0.1	30.0
2025-11-14 09:15:35	2025-11-14 09:18:11	14	LVAG-05	1.05	24.5	8.05	0.43	18.78	72.32	31.0	0.1	29.9
2025-11-14 09:47:57	2025-11-14 21:15:36	14	LVAG-05	1.05	25.75	8.05	0.43	20.33	66.18	31.0	717.4	32.4
2025-11-14 10:17:53	2025-11-14 21:15:40	14	LVAG-05	1.05	26.25	8.05	0.43	20.15	64.11	31.0	0.1	29.9
2025-11-14 10:47:43	2025-11-14 21:15:44	14	LVAG-05	1.05	25.75	8.05	0.43	21.2	58.99	31.0	0.1	29.8
2025-11-14 11:17:38	2025-11-14 21:15:49	14	LVAG-05	1.05	26.5	8.05	0.43	22.11	59.59	31.0	0.1	29.9
2025-11-14 11:47:31	2025-11-14 21:15:54	14	LVAG-05	1.04	27.25	8.05	0.43	23.22	53.81	31.0	0.1	29.9
2025-11-14 12:17:28	2025-11-14 21:15:58	14	LVAG-05	1.05	29.0	8.05	0.43	24.28	48.35	31.0	0.1	29.9

## ■ 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
2025-11-14 12:47:19	2025-11-14 21:16:03	14	LVAG-05	1.05	29.25	8.05	0.43	26.43	45.54	31.0	0.1	29.9
2025-11-14 13:17:11	2025-11-14 21:16:08	14	LVAG-05	1.05	29.5	8.05	0.43	26.41	43.87	31.0	0.1	29.9
2025-11-14 13:47:05	2025-11-14 21:16:12	14	LVAG-05	1.06	30.25	8.13	0.43	25.87	45.73	31.0	0.1	29.9
2025-11-14 14:16:59	2025-11-14 21:16:17	14	LVAG-05	1.05	30.5	8.05	0.43	26.08	48.26	31.0	0.1	29.9
2025-11-14 14:46:53	2025-11-14 21:16:21	14	LVAG-05	1.06	31.0	8.13	0.43	25.99	46.21	31.0	0.1	29.9
2025-11-14 15:16:46	2025-11-14 21:16:25	14	LVAG-05	1.06	31.0	8.05	0.43	26.03	50.43	31.0	0.1	29.9
2025-11-14 15:46:38	2025-11-14 21:16:30	14	LVAG-05	1.06	31.5	8.05	0.43	26.01	47.84	31.0	0.1	29.9
2025-11-14 16:16:32	2025-11-14 21:16:34	14	LVAG-05	1.05	31.75	8.05	0.42	25.61	49.03	31.0	0.1	29.9
2025-11-14 16:46:25	2025-11-14 21:16:39	14	LVAG-05	1.06	32.0	8.05	0.42	25.15	54.5	31.0	0.1	29.9
2025-11-14 17:16:19	2025-11-14 21:16:43	14	LVAG-05	1.06	31.5	8.05	0.42	24.39	53.62	31.0	0.1	29.9
2025-11-14 17:46:12	2025-11-14 21:16:47	14	LVAG-05	1.06	31.0	8.05	0.42	23.25	55.43	31.0	0.1	29.9
2025-11-14 18:16:02	2025-11-14 21:16:52	14	LVAG-05	1.05	29.75	8.05	0.42	22.27	55.97	31.0	0.1	29.8
2025-11-14 18:45:53	2025-11-14 21:16:56	14	LVAG-05	1.06	28.75	8.05	0.42	21.36	59.71	31.0	0.1	29.9
2025-11-14 19:15:43	2025-11-14 21:17:01	14	LVAG-05	1.06	27.5	8.05	0.43	20.21	60.57	31.0	0.1	29.8
2025-11-14 19:45:34	2025-11-14 21:17:06	14	LVAG-05	1.04	25.25	8.05	0.42	18.76	65.09	31.0	0.1	29.9
2025-11-14 20:15:18	2025-11-14 21:17:10	14	LVAG-05	1.05	21.0	8.05	0.42	18.09	68.87	31.0	0.1	29.7

2025-11-14 20:45:09	2025-11-14 21:17:15	14	LVAG-05	1.04	19.25	8.05	0.43	17.6	68.26	31.0	0.1	29.9
2025-11-14 21:14:59	2025-11-14 21:17:19	14	LVAG-05	1.06	18.0	8.05	0.42	16.73	70.92	31.0	0.1	29.8
2025-11-14 21:47:03	2025-11-15 09:15:20	14	LVAG-05	1.05	17.25	8.05	0.43	16.22	73.69	31.0	718.0	32.1
2025-11-14 22:16:54	2025-11-15 09:15:25	14	LVAG-05	1.05	16.5	8.05	0.43	15.61	76.44	31.0	0.1	29.9
2025-11-14 22:46:46	2025-11-15 09:15:29	14	LVAG-05	1.05	15.75	8.05	0.43	15.22	76.74	31.0	0.1	29.9
2025-11-14 23:16:38	2025-11-15 09:15:33	14	LVAG-05	1.05	15.0	8.05	0.43	14.36	81.85	31.0	0.1	29.9
2025-11-14 23:46:30	2025-11-15 09:15:38	14	LVAG-05	1.04	14.5	8.05	0.43	13.51	86.31	31.0	0.1	29.9
2025-11-15 00:16:22	2025-11-15 09:15:42	14	LVAG-05	1.05	13.75	8.05	0.43	13.77	85.77	31.0	0.1	29.9
2025-11-15 00:46:14	2025-11-15 09:15:46	14	LVAG-05	1.05	13.5	8.05	0.43	12.61	88.39	31.0	0.1	29.9
2025-11-15 01:16:07	2025-11-15 09:15:51	14	LVAG-05	1.05	12.75	8.05	0.43	12.3	90.15	31.0	0.1	29.9
2025-11-15 01:45:58	2025-11-15 09:15:55	14	LVAG-05	1.05	12.25	8.05	0.43	11.53	90.54	31.0	0.1	29.9
2025-11-15 02:15:51	2025-11-15 09:15:59	14	LVAG-05	1.05	11.75	8.05	0.43	11.68	92.78	31.0	0.1	29.9
2025-11-15 02:45:43	2025-11-15 09:16:04	14	LVAG-05	1.05	11.75	8.05	0.43	11.35	93.21	31.0	0.1	29.9
2025-11-15 03:15:39	2025-11-15 09:16:08	14	LVAG-05	1.05	11.5	8.05	0.43	11.49	94.09	31.0	0.1	29.9
2025-11-15 03:45:33	2025-11-15 09:16:12	14	LVAG-05	1.05	11.5	8.05	0.43	11.68	93.2	31.0	0.1	29.9
2025-11-15 04:15:27	2025-11-15 09:16:17	14	LVAG-05	1.05	11.75	8.05	0.43	11.57	92.47	31.0	0.1	29.9
2025-11-15 04:45:21	2025-11-15 09:16:21	14	LVAG-05	1.05	12.25	8.05	0.43	11.8	90.71	31.0	0.1	29.9
2025-11-15 05:15:16	2025-11-15 09:16:25	14	LVAG-05	1.05	12.5	8.05	0.43	11.86	92.7	31.0	0.1	29.9
2025-11-15 05:45:08	2025-11-15 09:16:29	14	LVAG-05	1.05	12.5	8.05	0.43	11.69	92.44	31.0	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
2025-11-15 06:15:02	2025-11-15 09:16:34	14	LVAG-05	1.05	12.5	8.05	0.43	11.73	92.12	31.0	0.1	29.9
2025-11-15 06:44:55	2025-11-15 09:16:38	14	LVAG-05	1.05	12.5	8.05	0.43	11.87	92.25	31.0	0.1	29.9
2025-11-15 07:14:50	2025-11-15 09:16:42	14	LVAG-05	1.05	12.75	8.05	0.43	12.01	91.63	31.0	0.1	29.9
2025-11-15 07:44:43	2025-11-15 09:16:47	14	LVAG-05	1.05	13.0	8.05	0.43	12.02	92.98	31.0	0.1	29.9
2025-11-15 08:14:36	2025-11-15 09:16:51	14	LVAG-05	1.05	13.5	8.05	0.43	12.19	93.28	31.0	0.1	29.9
2025-11-15 08:44:31	2025-11-15 09:16:55	14	LVAG-05	1.05	14.0	8.05	0.43	12.47	91.75	31.0	0.1	29.9
2025-11-15 09:14:24	2025-11-15 09:17:00	14	LVAG-05	1.05	14.25	8.05	0.43	12.67	89.17	31.0	0.1	29.9
2025-11-15 09:46:47	2025-11-15 21:15:00	14	LVAG-05	1.05	15.25	8.05	0.43	12.97	87.48	31.0	718.0	32.4
2025-11-15 10:16:42	2025-11-15 21:15:05	14	LVAG-05	1.05	16.5	8.05	0.43	13.95	84.9	31.0	0.1	29.9
2025-11-15 10:46:37	2025-11-15 21:15:09	14	LVAG-05	1.06	18.25	8.05	0.43	14.22	82.87	31.0	0.1	29.9
2025-11-15 11:16:33	2025-11-15 21:15:14	14	LVAG-05	1.05	19.5	8.05	0.43	14.85	84.06	31.0	0.1	29.9
2025-11-15 11:46:26	2025-11-15 21:15:19	14	LVAG-05	1.05	20.0	8.05	0.43	15.98	79.39	31.0	0.1	29.9
2025-11-15 12:16:24	2025-11-15 21:15:23	14	LVAG-05	1.05	22.25	8.05	0.43	16.5	77.64	31.0	0.1	30.0
2025-11-15 12:46:17	2025-11-15 21:15:28	14	LVAG-05	1.05	22.0	8.05	0.43	17.57	71.57	31.0	0.1	29.9
2025-11-15 13:16:12	2025-11-15 21:15:33	14	LVAG-05	1.05	23.0	8.05	0.43	19.87	65.44	31.0	0.1	29.9
2025-11-15 13:46:07	2025-11-15 21:15:38	14	LVAG-05	1.05	24.25	8.05	0.43	20.12	64.74	31.0	0.1	29.9



2025-11-15 14:16:04	2025-11-15 21:15:42	14	LVAG-05	1.05	26.5	8.05	0.43	21.31	60.77	31.0	0.1	29.9
2025-11-15 14:45:59	2025-11-15 21:15:47	14	LVAG-05	1.05	27.5	8.05	0.43	21.27	64.22	31.0	0.1	29.9
2025-11-15 15:15:53	2025-11-15 21:15:52	14	LVAG-05	1.05	28.0	8.05	0.43	22.35	57.49	31.0	0.1	29.9
2025-11-15 15:45:50	2025-11-15 21:15:56	14	LVAG-05	1.05	30.75	8.05	0.43	23.79	53.95	31.0	0.1	29.9
2025-11-15 16:15:45	2025-11-15 21:16:01	14	LVAG-05	1.06	31.75	8.05	0.42	23.78	52.58	31.0	0.1	29.9
2025-11-15 16:45:38	2025-11-15 21:16:05	14	LVAG-05	1.06	31.75	8.05	0.42	24.09	50.47	31.0	0.1	29.9
2025-11-15 17:15:31	2025-11-15 21:16:09	14	LVAG-05	1.06	31.5	8.05	0.42	24.03	50.83	31.0	0.1	29.9
2025-11-15 17:45:25	2025-11-15 21:16:14	14	LVAG-05	1.05	31.75	8.05	0.42	23.64	53.96	31.0	0.1	29.9
2025-11-15 18:15:17	2025-11-15 21:16:18	14	LVAG-05	1.06	31.0	8.05	0.42	22.13	55.51	31.0	0.1	29.9
2025-11-15 18:45:08	2025-11-15 21:16:23	14	LVAG-05	1.07	29.75	8.13	0.42	21.44	60.54	31.0	0.1	29.9
2025-11-15 19:14:59	2025-11-15 21:16:27	14	LVAG-05	1.07	28.75	8.05	0.42	20.66	60.84	31.0	0.1	29.9
2025-11-15 19:44:49	2025-11-15 21:16:32	14	LVAG-05	1.05	26.5	8.05	0.42	18.94	64.19	31.0	0.1	29.8
2025-11-15 20:14:34	2025-11-15 21:16:37	14	LVAG-05	1.06	21.5	8.05	0.42	18.14	65.67	31.0	0.1	29.8
2025-11-15 20:44:23	2025-11-15 21:16:41	14	LVAG-05	1.05	19.25	8.05	0.42	17.33	69.72	31.0	0.1	29.8
2025-11-15 21:14:14	2025-11-15 21:16:45	14	LVAG-05	1.06	18.0	8.05	0.42	16.66	72.87	31.0	0.1	29.9
2025-11-15 21:46:28	2025-11-16 09:14:40	14	LVAG-05	1.06	17.25	8.05	0.42	15.98	73.5	31.0	717.9	32.2
2025-11-15 22:16:19	2025-11-16 09:14:45	14	LVAG-05	1.05	16.5	8.05	0.42	15.76	75.1	31.0	0.1	29.9
2025-11-15 22:46:11	2025-11-16 09:14:50	14	LVAG-05	1.05	16.0	8.05	0.42	15.05	76.79	31.0	0.1	29.9
2025-11-15 23:16:03	2025-11-16 09:14:55	14	LVAG-05	1.05	15.25	8.05	0.42	14.77	79.48	31.0	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
2025-11-15 23:45:55	2025-11-16 09:15:00	14	LVAG-05	1.05	14.75	8.05	0.42	14.27	80.64	31.0	0.1	29.9
2025-11-16 00:15:49	2025-11-16 09:15:04	14	LVAG-05	1.05	14.5	8.05	0.42	14.2	84.03	31.0	0.1	29.9
2025-11-16 00:45:41	2025-11-16 09:15:09	14	LVAG-05	1.05	14.5	8.05	0.42	13.89	82.1	31.0	0.1	29.9
2025-11-16 01:15:34	2025-11-16 09:15:13	14	LVAG-05	1.05	14.25	8.05	0.42	13.76	82.64	31.0	0.1	29.9
2025-11-16 01:45:26	2025-11-16 09:15:18	14	LVAG-05	1.05	14.0	8.05	0.43	13.52	83.7	31.0	0.1	29.9
2025-11-16 02:15:20	2025-11-16 09:15:22	14	LVAG-05	1.05	13.75	8.05	0.42	13.67	85.99	31.0	0.1	29.9
2025-11-16 02:45:13	2025-11-16 09:15:27	14	LVAG-05	1.05	14.0	8.05	0.42	13.46	83.99	31.0	0.1	29.9
2025-11-16 03:15:08	2025-11-16 09:15:31	14	LVAG-05	1.05	14.0	8.05	0.42	13.69	84.05	31.0	0.1	29.9
2025-11-16 03:45:00	2025-11-16 09:15:36	14	LVAG-05	1.05	14.0	8.05	0.42	13.61	85.45	31.0	0.1	29.9
2025-11-16 04:14:53	2025-11-16 09:15:40	14	LVAG-05	1.05	13.75	8.05	0.42	13.18	87.31	31.0	0.1	29.9
2025-11-16 04:44:47	2025-11-16 09:15:45	14	LVAG-05	1.05	13.5	8.05	0.43	13.82	86.91	31.0	0.1	29.9
2025-11-16 05:14:41	2025-11-16 09:15:49	14	LVAG-05	1.05	13.75	8.05	0.42	13.26	87.84	31.0	0.1	29.9
2025-11-16 05:44:33	2025-11-16 09:15:54	14	LVAG-05	1.05	13.5	8.05	0.43	12.79	90.49	31.0	0.1	29.9
2025-11-16 06:14:25	2025-11-16 09:15:58	14	LVAG-05	1.05	13.25	8.05	0.42	12.32	91.15	31.0	0.1	29.9
2025-11-16 06:44:18	2025-11-16 09:16:02	14	LVAG-05	1.06	13.25	8.05	0.42	12.66	89.94	31.0	0.1	29.9
2025-11-16 07:14:11	2025-11-16 09:16:07	14	LVAG-05	1.06	13.0	8.05	0.42	12.65	89.62	31.0	0.1	29.9

2025-11-16 07:44:04	2025-11-16 09:16:11	14	LVAG-05	1.05	14.0	8.05	0.42	13.92	86.19	31.0	0.1	29.9
2025-11-16 08:14:03	2025-11-16 09:16:15	14	LVAG-05	1.06	16.75	8.05	0.42	15.35	79.36	31.0	0.1	30.0
2025-11-16 08:44:08	2025-11-16 09:16:20	14	LVAG-05	1.06	22.75	8.05	0.42	16.99	74.96	31.0	0.1	30.1
2025-11-16 09:14:04	2025-11-16 09:16:24	14	LVAG-05	1.06	23.75	8.05	0.42	16.09	80.46	31.0	0.1	29.9
2025-11-16 09:46:09	2025-11-16 21:14:22	14	LVAG-05	1.06	23.75	8.05	0.42	17.36	76.5	31.0	718.0	32.1
2025-11-16 10:16:01	2025-11-16 21:14:27	14	LVAG-05	1.06	23.75	8.05	0.42	19.05	67.41	31.0	0.1	29.9
2025-11-16 10:46:03	2025-11-16 21:14:31	14	LVAG-05	1.06	27.75	8.05	0.42	20.44	64.05	31.0	0.1	30.0
2025-11-16 11:15:55	2025-11-16 21:14:35	14	LVAG-05	1.06	27.25	8.05	0.42	20.54	65.7	31.0	0.1	29.9
2025-11-16 11:45:45	2025-11-16 21:14:40	14	LVAG-05	1.06	26.5	8.05	0.42	20.95	61.65	31.0	0.1	29.8
2025-11-16 12:15:38	2025-11-16 21:14:44	14	LVAG-05	1.06	27.0	8.05	0.42	22.27	62.94	31.0	0.1	29.9
2025-11-16 12:45:32	2025-11-16 21:14:48	14	LVAG-05	1.05	27.75	8.05	0.42	24.96	54.26	31.0	0.1	29.9
2025-11-16 13:15:26	2025-11-16 21:14:53	14	LVAG-05	1.05	29.0	8.05	0.42	27.13	48.78	31.0	0.1	29.9
2025-11-16 13:45:24	2025-11-16 21:14:57	14	LVAG-05	1.06	31.5	8.05	0.42	29.2	41.44	31.0	0.1	30.0
2025-11-16 14:15:20	2025-11-16 21:15:01	14	LVAG-05	1.07	32.5	8.05	0.42	26.77	45.77	31.0	0.1	29.9
2025-11-16 14:45:13	2025-11-16 21:15:06	14	LVAG-05	1.06	32.75	8.05	0.42	26.65	50.09	31.0	0.1	29.9
2025-11-16 15:15:07	2025-11-16 21:15:10	14	LVAG-05	1.06	31.75	8.05	0.42	25.54	48.71	31.0	0.1	29.9
2025-11-16 15:44:58	2025-11-16 21:15:14	14	LVAG-05	1.06	33.5	8.05	0.42	26.7	45.69	31.0	0.1	29.9
2025-11-16 16:14:57	2025-11-16 21:15:18	14	LVAG-05	1.04	35.75	8.05	0.43	26.23	55.77	31.0	0.1	30.0
2025-11-16 16:44:41	2025-11-16 21:15:23	14	LVAG-05	1.05	31.5	8.05	0.41	26.17	47.39	31.0	0.1	29.7

## ■ 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
2025-11-16 17:14:39	2025-11-16 21:15:27	14	LVAG-05	1.06	35.0	8.05	0.42	27.44	40.61	31.0	0.1	30.0
2025-11-16 17:44:31	2025-11-16 21:15:31	14	LVAG-05	1.07	33.0	8.13	0.42	25.75	47.27	31.0	0.1	29.9
2025-11-16 18:14:18	2025-11-16 21:15:36	14	LVAG-05	1.05	29.75	8.05	0.42	24.74	49.52	31.0	0.1	29.8
2025-11-16 18:44:12	2025-11-16 21:15:40	14	LVAG-05	1.07	30.0	8.14	0.42	24.95	48.06	31.0	0.1	29.9
2025-11-16 19:14:10	2025-11-16 21:15:44	14	LVAG-05	1.05	32.0	8.13	0.41	24.06	49.44	31.0	0.1	30.0
2025-11-16 19:44:02	2025-11-16 21:15:49	14	LVAG-05	1.06	31.25	8.13	0.42	23.15	51.93	31.0	0.1	29.9
2025-11-16 20:13:47	2025-11-16 21:15:53	14	LVAG-05	1.06	26.5	8.05	0.42	22.58	52.52	31.0	0.1	29.8
2025-11-16 20:43:35	2025-11-16 21:15:57	14	LVAG-05	1.06	23.75	8.05	0.42	21.8	54.75	31.0	0.1	29.8
2025-11-16 21:13:26	2025-11-16 21:16:01	14	LVAG-05	1.06	22.0	8.05	0.42	20.51	64.68	31.0	0.1	29.9
2025-11-16 21:45:43	2025-11-17 09:14:02	14	LVAG-05	1.05	20.75	8.05	0.42	19.38	67.45	31.0	718.0	32.3
2025-11-16 22:15:35	2025-11-17 09:14:06	14	LVAG-05	1.06	19.5	8.05	0.42	17.65	73.55	31.0	0.1	29.9
2025-11-16 22:45:25	2025-11-17 09:14:11	14	LVAG-05	1.06	18.5	8.05	0.42	18.12	71.35	31.0	0.1	29.8
2025-11-16 23:15:18	2025-11-17 09:14:15	14	LVAG-05	1.06	17.5	8.05	0.42	15.84	77.12	31.0	0.1	29.9
2025-11-16 23:45:08	2025-11-17 09:14:20	14	LVAG-05	1.05	16.5	8.05	0.42	16.48	79.28	31.0	0.1	29.8
2025-11-17 00:15:01	2025-11-17 09:14:24	14	LVAG-05	1.06	15.75	8.05	0.42	14.76	82.6	31.0	0.1	29.9
2025-11-17 00:44:52	2025-11-17 09:14:28	14	LVAG-05	1.06	15.0	8.05	0.42	14.4	82.54	31.0	0.1	29.9

2025-11-17 01:14:44	2025-11-17 09:14:33	14	LVAG-05	1.06	14.5	8.05	0.42	14.99	88.1	31.0	0.1	29.9
2025-11-17 01:44:36	2025-11-17 09:14:37	14	LVAG-05	1.05	14.0	8.05	0.42	13.76	86.28	31.0	0.1	29.9
2025-11-17 02:14:28	2025-11-17 09:14:41	14	LVAG-05	1.06	13.5	8.05	0.42	13.08	87.71	31.0	0.1	29.9
2025-11-17 02:44:21	2025-11-17 09:14:46	14	LVAG-05	1.05	13.0	8.05	0.42	13.57	90.9	31.0	0.1	29.9
2025-11-17 03:14:14	2025-11-17 09:14:50	14	LVAG-05	1.06	13.0	8.05	0.42	12.26	92.45	31.0	0.1	29.9
2025-11-17 03:44:06	2025-11-17 09:14:54	14	LVAG-05	1.06	12.25	8.05	0.42	11.87	91.35	31.0	0.1	29.9
2025-11-17 04:13:59	2025-11-17 09:14:59	14	LVAG-05	1.06	12.25	8.05	0.42	12.16	92.04	31.0	0.1	29.9
2025-11-17 04:43:51	2025-11-17 09:15:03	14	LVAG-05	1.05	11.75	8.05	0.42	12.05	94.76	31.0	0.1	29.9
2025-11-17 05:13:45	2025-11-17 09:15:07	14	LVAG-05	1.06	11.75	8.05	0.42	11.26	94.18	31.0	0.1	29.9
2025-11-17 05:43:37	2025-11-17 09:15:12	14	LVAG-05	1.06	11.5	8.05	0.42	11.33	94.86	31.0	0.1	29.9
2025-11-17 06:13:30	2025-11-17 09:15:16	14	LVAG-05	1.06	11.25	8.05	0.42	11.38	95.61	31.0	0.1	29.9
2025-11-17 06:43:23	2025-11-17 09:15:20	14	LVAG-05	1.05	11.25	8.05	0.42	12.02	98.89	31.0	0.1	29.9
2025-11-17 07:13:18	2025-11-17 09:15:25	14	LVAG-05	1.06	12.75	8.05	0.42	13.1	90.52	31.0	0.1	29.9
2025-11-17 07:43:21	2025-11-17 09:15:29	14	LVAG-05	1.06	17.5	8.05	0.42	16.38	79.26	31.0	0.1	30.1
2025-11-17 08:13:27	2025-11-17 09:15:33	14	LVAG-05	1.07	23.5	8.05	0.42	17.37	77.89	31.0	0.1	30.1
2025-11-17 08:43:24	2025-11-17 09:15:38	14	LVAG-05	1.07	25.5	8.05	0.42	18.01	76.83	31.0	0.1	29.9
2025-11-17 09:13:17	2025-11-17 09:15:42	14	LVAG-05	1.07	25.25	8.05	0.42	18.43	68.05	31.0	0.1	29.9
2025-11-17 09:45:28	2025-11-17 21:13:11	14	LVAG-05	1.07	27.0	8.05	0.42	21.44	56.29	30.0	717.5	32.2
2025-11-17 10:15:26	2025-11-17 21:13:16	14	LVAG-05	1.07	29.0	8.05	0.42	21.85	60.67	30.0	0.1	30.0

## ■ 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
2025-11-17 10:45:15	2025-11-17 21:13:21	14	LVAG-05	1.06	27.75	8.05	0.42	22.71	55.13	30.0	0.1	29.8
2025-11-17 11:15:09	2025-11-17 21:13:26	14	LVAG-05	1.06	28.25	8.05	0.42	23.44	57.21	30.0	0.1	29.9
2025-11-17 11:45:03	2025-11-17 21:13:30	14	LVAG-05	1.06	29.0	8.05	0.42	23.72	54.25	30.0	0.1	29.9
2025-11-17 12:14:57	2025-11-17 21:13:35	14	LVAG-05	1.06	29.75	8.13	0.42	24.99	53.24	30.0	0.1	29.9
2025-11-17 12:44:51	2025-11-17 21:13:39	14	LVAG-05	1.06	31.75	8.05	0.42	27.93	46.08	30.0	0.1	29.9
2025-11-17 13:14:46	2025-11-17 21:13:44	14	LVAG-05	1.06	32.75	8.13	0.42	27.88	48.02	30.0	0.1	29.9
2025-11-17 13:44:42	2025-11-17 21:13:48	14	LVAG-05	1.06	34.75	8.05	0.42	29.38	40.44	30.0	0.1	29.9
2025-11-17 14:14:37	2025-11-17 21:13:52	14	LVAG-05	1.06	36.0	8.05	0.42	29.98	36.7	30.0	0.1	29.9
2025-11-17 14:44:29	2025-11-17 21:13:57	14	LVAG-05	1.06	36.75	8.05	0.42	30.75	32.3	30.0	0.1	29.9
2025-11-17 15:14:26	2025-11-17 21:14:02	14	LVAG-05	1.06	40.0	8.13	0.42	31.25	35.13	30.0	0.1	29.9
2025-11-17 15:44:19	2025-11-17 21:14:06	14	LVAG-05	1.06	40.0	8.13	0.42	29.48	49.12	30.0	0.1	29.9
2025-11-17 16:14:11	2025-11-17 21:14:10	14	LVAG-05	1.06	39.75	8.14	0.42	29.45	45.3	30.0	0.1	29.9
2025-11-17 16:43:59	2025-11-17 21:14:15	14	LVAG-05	1.06	36.5	8.14	0.42	29.2	41.48	30.0	0.1	29.8
2025-11-17 17:13:51	2025-11-17 21:14:19	14	LVAG-05	1.05	36.75	8.14	0.42	29.03	37.45	30.0	0.1	29.9
2025-11-17 17:43:45	2025-11-17 21:14:23	14	LVAG-05	1.05	38.25	8.13	0.42	29.0	45.24	30.0	0.1	29.9
2025-11-17 18:13:41	2025-11-17 21:14:27	14	LVAG-05	1.07	38.75	8.14	0.42	29.1	40.6	30.0	0.1	29.9

2025-11-17 18:43:38	2025-11-17 21:14:32	14	LVAG-05	1.06	40.25	8.14	0.42	29.11	48.83	30.0	0.1	29.9
2025-11-17 19:13:32	2025-11-17 21:14:36	14	LVAG-05	1.06	41.0	8.14	0.42	28.66	47.04	30.0	0.1	29.9
2025-11-17 19:43:21	2025-11-17 21:14:41	14	LVAG-05	1.07	38.5	8.14	0.42	28.02	43.36	30.0	0.1	29.8
2025-11-17 20:13:04	2025-11-17 21:14:45	14	LVAG-05	1.06	32.5	8.05	0.42	24.67	51.07	30.0	0.1	29.7
2025-11-17 20:42:48	2025-11-17 21:14:49	14	LVAG-05	1.06	27.5	8.05	0.42	22.61	56.66	30.0	0.1	29.7
2025-11-17 21:12:34	2025-11-17 21:14:54	14	LVAG-05	1.06	24.25	8.05	0.42	20.8	60.3	30.0	0.1	29.8
2025-11-17 21:44:34	2025-11-18 09:13:22	14	LVAG-05	1.06	22.0	8.05	0.42	19.33	63.46	28.0	718.5	32.0
2025-11-17 22:14:25	2025-11-18 09:13:26	14	LVAG-05	1.06	20.5	8.05	0.42	18.66	68.07	28.0	0.1	29.9
2025-11-17 22:44:15	2025-11-18 09:13:31	14	LVAG-05	1.06	19.0	8.05	0.42	18.0	69.78	28.0	0.1	29.8
2025-11-17 23:14:07	2025-11-18 09:13:35	14	LVAG-05	1.06	18.0	8.05	0.42	17.15	70.53	28.0	0.1	29.9
2025-11-17 23:43:59	2025-11-18 09:13:40	14	LVAG-05	1.06	17.25	8.05	0.42	16.17	70.33	28.0	0.1	29.9
2025-11-18 00:13:51	2025-11-18 09:13:44	14	LVAG-05	1.06	16.5	8.05	0.42	16.27	70.79	28.0	0.1	29.9
2025-11-18 00:43:42	2025-11-18 09:13:49	14	LVAG-05	1.06	16.0	8.05	0.42	16.02	79.31	28.0	0.1	29.9
2025-11-18 01:13:34	2025-11-18 09:13:53	14	LVAG-05	1.06	15.75	8.05	0.42	15.11	76.17	28.0	0.1	29.9
2025-11-18 01:43:27	2025-11-18 09:13:58	14	LVAG-05	1.06	15.0	8.05	0.42	14.46	78.45	28.0	0.1	29.9
2025-11-18 02:13:19	2025-11-18 09:14:02	14	LVAG-05	1.06	15.0	8.05	0.42	14.33	79.15	28.0	0.1	29.9
2025-11-18 02:43:11	2025-11-18 09:14:07	14	LVAG-05	1.06	14.25	8.05	0.42	13.49	80.97	28.0	0.1	29.9
2025-11-18 03:13:03	2025-11-18 09:14:11	14	LVAG-05	1.06	13.75	8.05	0.42	13.31	78.82	28.0	0.1	29.9
2025-11-18 03:42:54	2025-11-18 09:14:15	14	LVAG-05	1.06	13.5	8.05	0.42	13.02	77.42	28.0	0.1	29.9

## ■ 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
2025-11-18 04:12:48	2025-11-18 09:14:22	14	LVAG-05	1.06	13.0	8.05	0.42	12.53	81.51	28.0	0.1	29.9
2025-11-18 04:42:39	2025-11-18 09:14:27	14	LVAG-05	1.06	12.75	8.05	0.42	12.0	82.68	28.0	0.1	29.9
2025-11-18 05:12:32	2025-11-18 09:14:31	14	LVAG-05	1.06	12.25	8.05	0.42	11.77	85.27	28.0	0.1	29.9
2025-11-18 05:42:25	2025-11-18 09:14:36	14	LVAG-05	1.06	11.75	8.05	0.42	11.46	88.34	28.0	0.1	29.9
2025-11-18 06:12:17	2025-11-18 09:14:40	14	LVAG-05	1.06	11.5	8.05	0.42	11.54	86.52	28.0	0.1	29.9
2025-11-18 06:42:10	2025-11-18 09:14:45	14	LVAG-05	1.06	11.75	8.05	0.42	12.2	86.1	28.0	0.1	29.9
2025-11-18 07:12:05	2025-11-18 09:14:49	14	LVAG-05	1.06	12.75	8.05	0.42	13.42	83.05	28.0	0.1	29.9
2025-11-18 07:42:08	2025-11-18 09:14:54	14	LVAG-05	1.07	18.0	8.05	0.41	16.5	76.91	28.0	0.1	30.1
2025-11-18 08:12:13	2025-11-18 09:14:58	14	LVAG-05	1.07	23.75	8.05	0.42	18.38	70.18	28.0	0.1	30.1
2025-11-18 08:42:08	2025-11-18 09:15:04	14	LVAG-05	1.07	25.5	8.05	0.42	18.2	69.09	28.0	0.1	29.9
2025-11-18 09:12:07	2025-11-18 09:15:08	14	LVAG-05	1.07	28.5	8.05	0.42	21.32	57.37	28.0	0.1	30.0
2025-11-18 09:44:56	2025-11-18 21:12:56	14	LVAG-05	1.07	29.25	8.05	0.42	20.91	55.72	28.0	717.8	32.8
2025-11-18 21:47:46	2025-11-19 09:15:52	14	LVAG-05	1.07	23.5	8.05	0.41	21.08	57.01	31.0	722.9	722.8
2025-11-18 22:17:34	2025-11-19 09:15:56	14	LVAG-05	1.06	21.5	8.05	0.41	20.07	61.25	31.0	0.1	29.8
2025-11-18 22:47:25	2025-11-19 09:16:01	14	LVAG-05	1.06	20.25	8.05	0.41	19.21	66.34	31.0	0.1	29.9
2025-11-18 23:17:16	2025-11-19 09:16:05	14	LVAG-05	1.06	19.0	8.05	0.41	18.66	71.24	31.0	0.1	29.9



2025-11-18 23:47:07	2025-11-19 09:16:09	14	LVAG-05	1.06	18.25	8.05	0.41	17.47	67.85	31.0	0.1	29.9
2025-11-19 00:16:59	2025-11-19 09:16:14	14	LVAG-05	1.06	17.25	8.05	0.41	16.64	72.24	31.0	0.1	29.9
2025-11-19 00:46:51	2025-11-19 09:16:18	14	LVAG-05	1.07	16.5	8.05	0.41	15.85	72.11	31.0	0.1	29.9
2025-11-19 01:16:41	2025-11-19 09:16:23	14	LVAG-05	1.06	15.75	8.05	0.41	14.85	76.66	31.0	0.1	29.8
2025-11-19 01:46:31	2025-11-19 09:16:27	14	LVAG-05	1.06	15.25	8.05	0.41	15.04	72.98	31.0	0.1	29.8
2025-11-19 02:16:24	2025-11-19 09:16:31	14	LVAG-05	1.06	14.75	8.05	0.41	14.84	76.71	31.0	0.1	29.9
2025-11-19 02:46:16	2025-11-19 09:16:36	14	LVAG-05	1.06	14.5	8.05	0.41	14.29	80.52	31.0	0.1	29.9
2025-11-19 03:16:08	2025-11-19 09:16:40	14	LVAG-05	1.07	14.0	8.05	0.41	13.2	79.49	31.0	0.1	29.9
2025-11-19 03:46:00	2025-11-19 09:16:44	14	LVAG-05	1.06	13.5	8.05	0.41	13.82	82.28	31.0	0.1	29.9
2025-11-19 04:15:52	2025-11-19 09:16:48	14	LVAG-05	1.06	13.25	8.05	0.41	13.47	85.18	31.0	0.1	29.9
2025-11-19 04:45:44	2025-11-19 09:16:52	14	LVAG-05	1.06	12.75	8.05	0.41	12.2	84.86	31.0	0.1	29.9
2025-11-19 05:15:36	2025-11-19 09:16:57	14	LVAG-05	1.06	12.5	8.05	0.41	12.55	87.02	31.0	0.1	29.9
2025-11-19 05:45:29	2025-11-19 09:17:01	14	LVAG-05	1.06	12.25	8.05	0.41	13.5	91.44	31.0	0.1	29.9
2025-11-19 06:15:21	2025-11-19 09:17:05	14	LVAG-05	1.06	12.25	8.05	0.41	12.28	89.61	31.0	0.1	29.9
2025-11-19 06:45:14	2025-11-19 09:17:09	14	LVAG-05	1.07	12.0	8.05	0.41	11.67	89.22	31.0	0.1	29.9
2025-11-19 07:15:09	2025-11-19 09:17:14	14	LVAG-05	1.07	13.5	8.05	0.41	13.97	83.37	31.0	0.1	29.9
2025-11-19 07:45:13	2025-11-19 09:17:18	14	LVAG-05	1.07	19.0	8.05	0.41	17.12	76.38	31.0	0.1	30.1
2025-11-19 08:15:19	2025-11-19 09:17:22	14	LVAG-05	1.08	24.75	8.05	0.41	18.88	72.07	31.0	0.1	30.1
2025-11-19 08:45:15	2025-11-19 09:17:26	14	LVAG-05	1.08	27.0	8.05	0.41	19.11	67.96	31.0	0.1	29.9

## ■ DATOS COMPLETOS - Página 12 (Filas 386-410)

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 09:15:11	2025-11-19 09:17:31	14	LVAG-05	1.08	28.75	8.05	0.41	19.81	64.86	31.0	0.1	29.9
2025-11-19 09:47:12	2025-11-19 21:15:58	14	LVAG-05	1.07	28.0	8.05	0.41	21.06	57.79	31.0	718.5	32.0
2025-11-19 10:17:05	2025-11-19 21:16:03	14	LVAG-05	1.07	27.25	8.05	0.41	21.78	54.42	31.0	0.1	29.9
2025-11-19 10:46:57	2025-11-19 21:16:07	14	LVAG-05	1.07	27.5	8.05	0.41	22.85	54.93	31.0	0.1	29.9
2025-11-19 11:16:53	2025-11-19 21:16:11	14	LVAG-05	1.07	28.75	8.05	0.41	23.37	50.58	31.0	0.1	29.9
2025-11-19 11:46:46	2025-11-19 21:16:16	14	LVAG-05	1.07	29.0	8.05	0.41	24.37	48.42	31.0	0.1	29.9
2025-11-19 12:16:39	2025-11-19 21:16:20	14	LVAG-05	1.07	29.5	8.05	0.41	25.12	48.03	31.0	0.1	29.9
2025-11-19 12:46:33	2025-11-19 21:16:25	14	LVAG-05	1.07	31.75	8.14	0.41	27.68	43.23	31.0	0.1	29.9
2025-11-19 13:16:25	2025-11-19 21:16:29	14	LVAG-05	1.06	31.75	8.13	0.41	29.59	42.57	31.0	0.1	29.9
2025-11-19 13:46:19	2025-11-19 21:16:34	14	LVAG-05	1.08	31.75	8.14	0.41	28.49	44.78	31.0	0.1	29.9
2025-11-19 14:16:13	2025-11-19 21:16:38	14	LVAG-05	1.07	32.0	8.13	0.41	28.58	41.95	31.0	0.1	29.9
2025-11-19 14:46:06	2025-11-19 21:16:43	14	LVAG-05	1.07	32.5	8.13	0.41	28.51	44.82	31.0	0.1	29.9
2025-11-19 15:16:00	2025-11-19 21:16:47	14	LVAG-05	1.08	32.5	8.05	0.41	27.27	47.33	31.0	0.1	29.9
2025-11-19 15:45:54	2025-11-19 21:16:52	14	LVAG-05	1.08	32.0	8.14	0.4	26.87	49.58	31.0	0.1	29.9
2025-11-19 16:15:46	2025-11-19 21:16:56	14	LVAG-05	1.08	32.0	8.14	0.41	26.75	48.22	31.0	0.1	29.9
2025-11-19 16:45:40	2025-11-19 21:17:01	14	LVAG-05	1.07	32.5	8.13	0.4	26.52	47.65	31.0	0.1	29.9

2025-11-19 17:15:33	2025-11-19 21:17:05	14	LVAG-05	1.07	32.75	8.14	0.4	26.03	48.88	31.0	0.1	29.9
2025-11-19 17:45:26	2025-11-19 21:17:10	14	LVAG-05	1.07	32.5	8.14	0.41	25.36	49.42	31.0	0.1	29.9
2025-11-19 18:15:20	2025-11-19 21:17:14	14	LVAG-05	1.08	32.75	8.14	0.41	25.3	49.35	31.0	0.1	29.9
2025-11-19 18:45:13	2025-11-19 21:17:19	14	LVAG-05	1.08	32.75	8.14	0.4	24.55	50.81	31.0	0.1	29.9
2025-11-19 19:15:03	2025-11-19 21:17:23	14	LVAG-05	1.08	31.0	8.13	0.4	22.87	55.35	31.0	0.1	29.8
2025-11-19 19:44:51	2025-11-19 21:17:27	14	LVAG-05	1.08	28.0	8.14	0.41	20.9	60.9	31.0	0.1	29.8
2025-11-19 20:14:36	2025-11-19 21:17:32	14	LVAG-05	1.08	23.25	8.05	0.4	19.93	63.8	31.0	0.1	29.8
2025-11-19 20:44:25	2025-11-19 21:17:36	14	LVAG-05	1.09	21.0	8.05	0.41	18.97	66.27	31.0	0.1	29.8
2025-11-19 21:14:16	2025-11-19 21:17:41	14	LVAG-05	1.08	19.75	8.05	0.41	18.55	66.2	31.0	0.1	29.9

DIAGNOSTICO DEL RENDIMIENTO DEL SISTEMA

RESUMEN GENERAL:

- Total de días con datos: **11**
- Total de mediciones: **410**
- Promedio de mediciones por día: **37.3**
- Rango de mediciones diarias: **5 - 48**

Metrica	Intervalos Medicion (min)	Intervalos Insercion (min)
Media	35.14	33.46
Mediana	29.88	0.07
Desv. Estándar	60.16	159.62
Mínimo	29.70	0.07
Máximo	755.87	1441.00

Q1 (25%)	29.87	0.07
Q3 (75%)	29.92	0.08
Total Intervalos	409	409