

REPORTE DE DATOS - LVAG-04

Proyecto 14 | Generado el 17/11/2025 00:00:54

Descripción del Dataset:
 Fecha inserción inicial: 2025-11-10 09:21:33
 Fecha inserción final: 2025-11-16 21:30:29
 Código interno: LVAG-04

Archivos: 4 | Registros: 336 | Fechas: 1

| Archivo | Fecha Carpeta | Registros |
|----------------------------------|---------------|-----------|
| LVAG-04_paquete_001_20251111.csv | 2025-11-10 | 100 |
| LVAG-04_paquete_002_20251114.csv | 2025-11-10 | 100 |
| LVAG-04_paquete_003_20251116.csv | 2025-11-10 | 100 |
| LVAG-04_paquete_004_20251116.csv | 2025-11-10 | 36 |

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% | 100.0% | 100.0% | EXCELENTE | 0 | 0.00% |
| DS3231 [Grados celcius (°C)] | 100.0% | 100.0% | 30.0% | 100.0% | 82.5% | BUENA | 0 | 51.36% |
| Divisor de Voltaje [Voltaje (V)] | 100.0% | 81.2% | 100.0% | 100.0% | 94.4% | EXCELENTE | 63 | 0.26% |
| LIQ-136 [Profundidad (m)] | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | EXCELENTE | 0 | 8.54% |

| | | | | | | | | |
|---|--------|--------|--------|--------|-------|-----------|-----|--------|
| SHT40 [Grados celcius (°C)] | 100.0% | 100.0% | 60.0% | 100.0% | 90.0% | EXCELENTE | 0 | 37.54% |
| SHT40 [Humedad (%)] | 100.0% | 100.0% | 80.0% | 100.0% | 95.0% | EXCELENTE | 0 | 28.86% |
| SIM7600G [Intensidad señal telefónica (Adimensional)] | 100.0% | 57.1% | 100.0% | 100.0% | 87.1% | BUENA | 144 | 4.69% |

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)] | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 336 |
| DS3231 [Grados celcius (°C)] | 20.1451 | 16.3750 | 12.5000 | 10.3465 | 107.0503 | 6.5000 | 47.7500 | 12.2500 | 27.3125 | 336 |
| Divisor de Voltaje [Voltaje (V)] | 7.9990 | 8.0000 | 8.0000 | 0.0206 | 0.0004 | 7.9100 | 8.0500 | 7.9900 | 8.0000 | 336 |
| LIQ-136 [Profundidad (m)] | 0.4673 | 0.4900 | 0.5000 | 0.0399 | 0.0016 | 0.3800 | 0.5100 | 0.4400 | 0.5000 | 336 |
| SHT40 [Grados celcius (°C)] | 17.5236 | 15.8300 | 12.2600 | 6.5790 | 43.2832 | 6.9900 | 32.0100 | 12.1375 | 22.9700 | 336 |
| SHT40 [Humedad (%)] | 66.8857 | 71.3150 | 38.7600 | 19.3045 | 372.6622 | 26.2200 | 95.5600 | 49.9050 | 84.5475 | 336 |

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|---|---------|---------|---------|--------|--------|---------|---------|---------|---------|-----|
| SIM7600G [Intensidad señal telefónica (Adimensional)] | 21.1429 | 21.0000 | 21.0000 | 0.9912 | 0.9825 | 20.0000 | 24.0000 | 21.0000 | 21.0000 | 336 |
|---|---------|---------|---------|--------|--------|---------|---------|---------|---------|-----|

■ **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 21:52:26 | 2025-11-10 09:21:33 | 14 | LVAG-04 | 0.0 | 15.5 | 8.0 | 0.41 | 13.67 | 71.33 | 20.0 | Primera | Primera |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-----|------|
| 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 |

■ 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 |
|---------------------|---------------------|-------------|----------------|----------------------------|---------------------------------|-------------------------------------|------------------------------|--------------------------------|------------------------|--|---------------------|--------------------|
| 2025-11-10 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-----|------|
| 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 |

■ 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 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |

■ 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 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-----|------|
| 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 |

■ 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 |
|---------------------|---------------------|-------------|----------------|----------------------------|---------------------------------|-------------------------------------|------------------------------|--------------------------------|------------------------|--|---------------------|--------------------|
| 2025-11-12 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |

■ 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 |
|---------------------|---------------------|-------------|----------------|----------------------------|---------------------------------|-------------------------------------|------------------------------|--------------------------------|------------------------|--|---------------------|--------------------|
| 2025-11-13 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |

■ 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 |
|---------------------|---------------------|-------------|----------------|----------------------------|---------------------------------|-------------------------------------|------------------------------|--------------------------------|------------------------|--|---------------------|--------------------|
| 2025-11-14 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |

■ 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 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 |
| 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 |

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|------------------------|------------------------|----|---------|-----|-------|------|------|-------|-------|------|-------|------|
| 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 |

■ 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 |
|---------------------|---------------------|-------------|----------------|----------------------------|---------------------------------|-------------------------------------|------------------------------|--------------------------------|------------------------|--|---------------------|--------------------|
| 2025-11-15 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 |
| 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 |

■ DATOS COMPLETOS - Página 10 (Filas 316-336)

| 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 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 |
| 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 |

DIAGNOSTICO DEL RENDIMIENTO DEL SISTEMA

RESUMEN GENERAL:

- Total de días con datos: **8**
- Total de mediciones: **336**
- Promedio de mediciones por día: **42.0**
- Rango de mediciones diarias: **5 - 48**

| Metrica | Intervalos Medicion (min) | Intervalos Insercion (min) |
|------------------|---------------------------|----------------------------|
| Media | 30.02 | 27.97 |
| Mediana | 29.93 | 0.07 |
| Desv. Estándar | 0.44 | 139.03 |
| Mínimo | 29.65 | 0.07 |
| Máximo | 32.35 | 719.07 |
| Q1 (25%) | 29.90 | 0.07 |
| Q3 (75%) | 29.97 | 0.08 |
| Total Intervalos | 335 | 335 |

DETALLE DE MEDICIONES POR DIA:

| Fecha | No. Mediciones |
|------------|----------------|
| 2025-11-09 | 5 |
| 2025-11-10 | 48 |
| 2025-11-11 | 48 |
| 2025-11-12 | 48 |
| 2025-11-13 | 48 |
| 2025-11-14 | 48 |
| 2025-11-15 | 48 |
| 2025-11-16 | 43 |