INFORME CONDICIONES AMBIENTALES ARCHIVO CENTRAL

ALCALDÍA DE SUESCA

Rango del Informe	Primer Trimestre 2026
Deposito	Archivo Central
Las condiciones ambientales del Archivo Central de la Alcaldía de Suesca, se basa en los registros tomados de humedad relativa, temperatura, iluminación:	Temperatura La temperatura (T). Humedad Relativa (HR) Iluminación Lux.

La medición permite establecer el comportamiento del espacio medido y con esta información definir estrategias de mejora que optimicen el entorno para la conservación documental. Estos factores ambientales son de vital importancia porque permiten establecer si los materiales constitutivos de los soportes documentales están sometidos a condiciones que ejerzan efectos negativos como las reacciones químicas que aceleran el deterioro de la documentación y si son condiciones aptas para el crecimiento y proliferación de organismos en los mismos.

Cabe resaltar que existen unos rangos sugeridos por el AGN para la conservación para la conservación de documentos en soporte de papel establecidos en el Acuerdo 001 de 2024.

Humedad Relativa	Temperatura	Iluminación
Entre 45% y 60%	Entre 15 y 20°C	Máximo 100 Lux (iluminación)

El análisis se realizó para los datos obtenidos en el periodo diario de cada mes, registrando los datos dos veces al día, con los equipos que con que cuenta la entidad, datalloger

Deposito 1

En el siguiente cuadro se observa el comportamiento promedio de la temperatura y humedad relativa durante el mes de febrero en el depósito, así como la cantidad de horas del deshumidificador encendido, y el agua recolectada.

muestras	Time	Temperatura (°C)	Humedad relativa
Promedio Enero		17.81 °C	68.53 %
Promedio Febrero		17.91 °C	67.12 %
Promedio Marzo		17.88 °C	67.85 %
Promedio Primer Trimestre		**17.87 °C**	**67.83 %**

Humedad relativa.
Se cuenta con un promedio de 67.83%, por lo tanto, **se evidencia por encima del rango sugerido** en el Acuerdo 001 de 2024, por lo que es necesario tomar medidas para asegurar la conservación en los soportes de papel.

Temperatura.
El promedio es de 17.87°C Se está cumpliendo con la norma, por lo cual, en relación con los valores de la humedad relativa, estos factores son favorables para la conservación documental.

Se anexa reportes mensuales de datalloger.

Iluminación
El concepto de intensidad luminosa está relacionado con la cantidad de luz visible o lúmenes emitidos desde un punto de luz, y se mide en unidades llamadas candelas o bujías. La iluminancia, es la cantidad de luz o lúmenes que inciden en un área determinada.

La iluminación es un agente que deteriora de manera silenciosa y actúa de manera acumulativa en los soportes y técnicas de los documentos, incidiendo de manera directa acelerando el envejecimiento de los materiales y como catalizador de reacciones entre los contaminantes presentes en el ambiente que entran en contacto con los documentos.

La iluminación del depósito, donde se encuentra almacenada la documentación del Archivo Central deposito 1, es natural y artificial, ingresa algo de luz por la ventana, frente a las luminarias son tipo led de baja intensidad con filtro UV dispuestas en la parte media de los corredores, se enciende en horas de trabajo por lo cual no hay incidencia directa sobre las cajas que se encuentran en la parte superior.

Se realizaron mediciones de luz visible para determinar los niveles máximos; para ello se tiene en cuenta el Acuerdo en mención, emitido por el Archivo General de la Nación, el cual estipula que los niveles no superen los 100 Lux (iluminación) y la radiación UV por debajo de los 70 uw/lúmen. En depósito tiene un promedio de **31,10. Lux.**

Conclusión del informe Deposito

Según los resultados obtenidos en el depósito mencionado, se evidencia la humedad relativa esta pro encima un punto, bajo frente a los reportes anteriores, sin embargo, se deben continuar con las medidas para bajar el rango.

Es importante aclarar que la documentación no corre el riesgo de presentar cambios relevantes como deformación del papel y de las cubiertas de los libros, desmoronamiento de la tinta y agrietamiento de emulsiones en fotografías; es importante tomar medidas preventivas y correctivas específicamente para bajar la humedad relativa.

Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	11:04:33 a.m. 07/01/2026	**Alarm**	*Not Triggered*
Last Reading	11:04:33 a.m. 08/01/2026	**Logging Rate**	12 Hours
Elapsed Time	1d, 0h, 0m, 0s		
Total Readings	3		

Temperature

Minimum
16,7°C 11:04:33 a.m. 08/01/2026

Maximum
19,3°C 11:04:33 a.m. 07/01/2026

Average Reading
17,80°C

Mean Kinetic Temperature
17,80°C (ΔH83,14472)

Standard Deviation
1,10°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
61,0%rh 11:04:33 a.m. 07/01/2026

Maximum
69,0%rh 11:04:33 p.m. 07/01/2026

Average Reading
66,00%rh

Standard Deviation
3,56%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

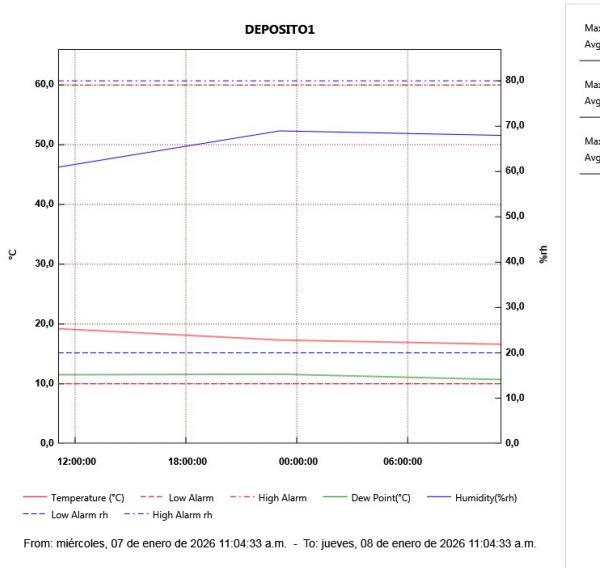
Dew Point

Minimum
10,8°C 11:04:33 a.m. 08/01/2026

Maximum
11,7°C 11:04:33 p.m. 07/01/2026

Average Reading
11,37°C

Standard Deviation
0,40°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	02:13:44 p.m. 08/01/2026	**Alarm**	*Not Triggered*
Last Reading	02:13:44 a.m. 13/01/2026	**Logging Rate**	12 Hours
Elapsed Time	4d, 12h, 0m, 0s		
Total Readings	10		

Temperature

Minimum
16,9°C 02:13:44 a.m. 09/01/2026

Maximum
18,4°C 02:13:44 p.m. 08/01/2026

Average Reading
17,20°C

Mean Kinetic Temperature
17,20°C (ΔH83,14472)

Standard Deviation
0,41°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
63,0%rh 02:13:44 p.m. 08/01/2026

Maximum
70,0%rh 02:13:44 a.m. 09/01/2026

Average Reading
68,30%rh

Standard Deviation
1,85%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

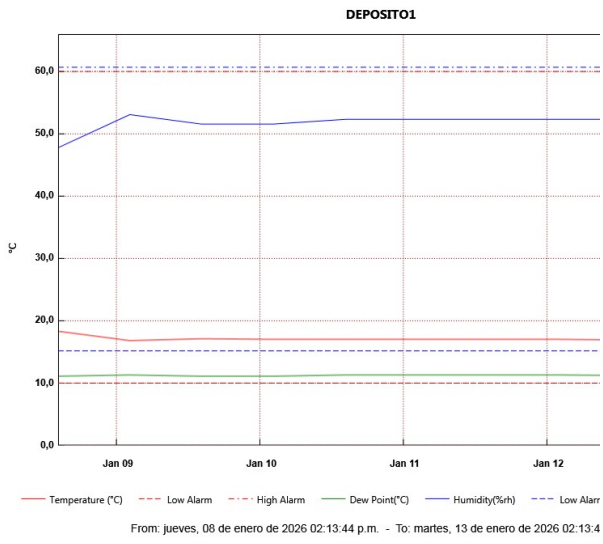
Dew Point

Minimum
11,2°C 02:13:44 p.m. 08/01/2026

Maximum
11,4°C 02:13:44 a.m. 12/01/2026

Average Reading
11,32°C

Standard Deviation
0,09°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	12:14:37 p.m. 13/01/2026
Last Reading	12:14:37 a.m. 19/01/2026
Elapsed Time	5d, 12h, 0m, 0s
Total Readings	12
Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
16,6°C 12:14:37 p.m. 15/01/2026

Maximum
17,5°C 12:14:37 a.m. 18/01/2026

Average Reading
17,19°C

Mean Kinetic Temperature
17,19°C (ΔH83,14472)

Standard Deviation
0,21°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
68,0%rh 12:14:37 p.m. 13/01/2026

Maximum
70,0%rh 12:14:37 p.m. 15/01/2026

Average Reading
69,00%rh

Standard Deviation
0,71%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

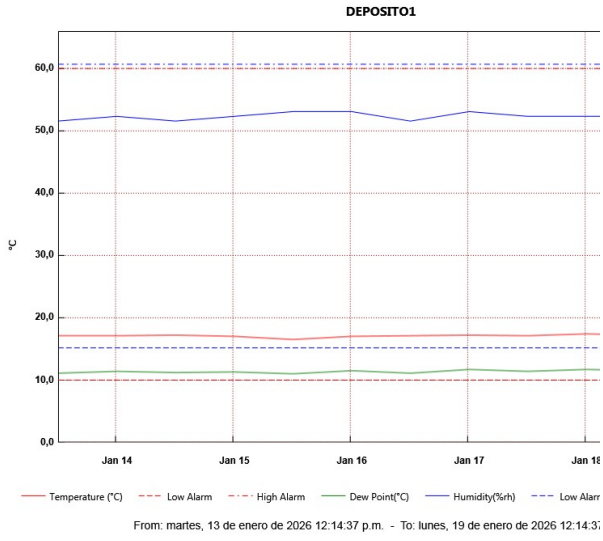
Dew Point

Minimum
11,1°C 12:14:37 p.m. 15/01/2026

Maximum
11,8°C 12:14:37 a.m. 18/01/2026

Average Reading
11,47°C

Standard Deviation
0,22°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	08:24:36 a.m. 19/01/2026
Last Reading	08:24:36 a.m. 20/01/2026
Elapsed Time	1d, 0h, 0m, 0s
Total Readings	3

Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
16,8°C 08:24:36 a.m. 19/01/2026

Maximum
17,7°C 08:24:36 p.m. 19/01/2026

Average Reading
17,30°C

Mean Kinetic Temperature
17,30°C (ΔH83,14472)

Standard Deviation
0,37°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
68,0%rh 08:24:36 a.m. 19/01/2026

Maximum
69,0%rh 08:24:36 a.m. 20/01/2026

Average Reading
68,33%rh

Standard Deviation
0,47%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

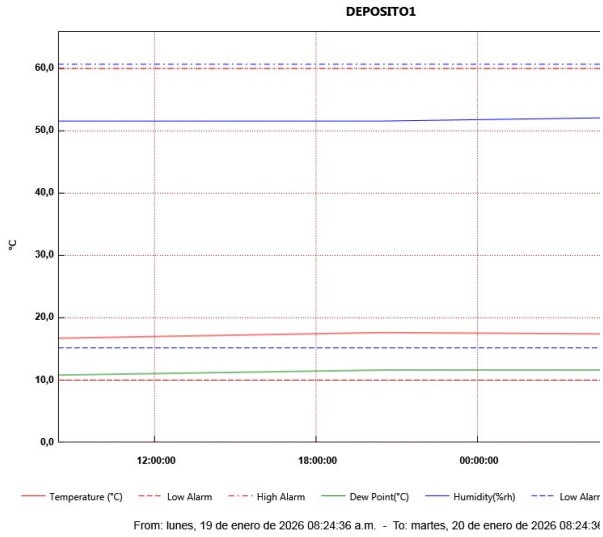
Dew Point

Minimum
10,9°C 08:24:36 a.m. 19/01/2026

Maximum
11,7°C 08:24:36 a.m. 20/01/2026

Average Reading
11,43°C

Standard Deviation
0,38°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	09:41:15 a.m. 20/01/2026	**Alarm**	*Not Triggered*
Last Reading	09:41:15 a.m. 22/01/2026	**Logging Rate**	12 Hours
Elapsed Time	2d, 0h, 0m, 0s		
Total Readings	5		

Temperature

Minimum
17,7°C 09:41:15 a.m. 20/01/2026

Maximum
18,6°C 09:41:15 p.m. 21/01/2026

Average Reading
18,12°C

Mean Kinetic Temperature
18,12°C (ΔH83,14472)

Standard Deviation
0,29°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
67,0%rh 09:41:15 a.m. 22/01/2026

Maximum
69,0%rh 09:41:15 a.m. 21/01/2026

Average Reading
68,20%rh

Standard Deviation
0,75%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

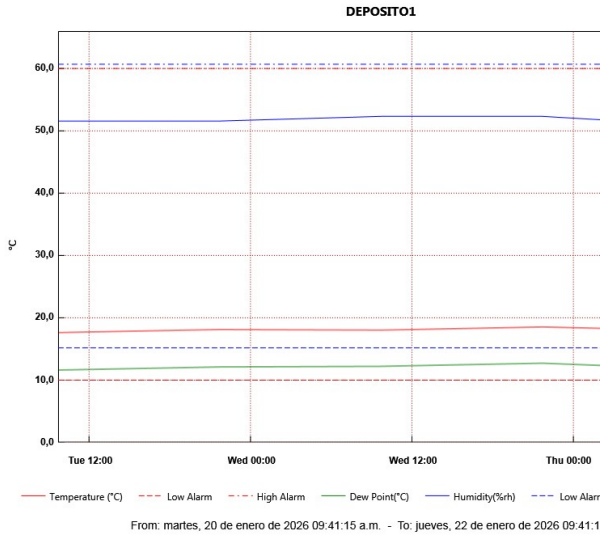
Dew Point

Minimum
11,7°C 09:41:15 a.m. 20/01/2026

Maximum
12,8°C 09:41:15 p.m. 21/01/2026

Average Reading
12,16°C

Standard Deviation
0,39°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	12:29:42 p.m. 22/01/2026
Last Reading	12:29:42 p.m. 26/01/2026
Elapsed Time	4d, 0h, 0m, 0s
Total Readings	9

Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
18,0°C 12:29:42 a.m. 23/01/2026

Maximum
18,8°C 12:29:42 p.m. 22/01/2026

Average Reading
18,29°C

Mean Kinetic Temperature
18,29°C (ΔH83,14472)

Standard Deviation
0,22°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
65,0%rh 12:29:42 p.m. 22/01/2026

Maximum
70,0%rh 12:29:42 a.m. 23/01/2026

Average Reading
68,56%rh

Standard Deviation
1,71%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

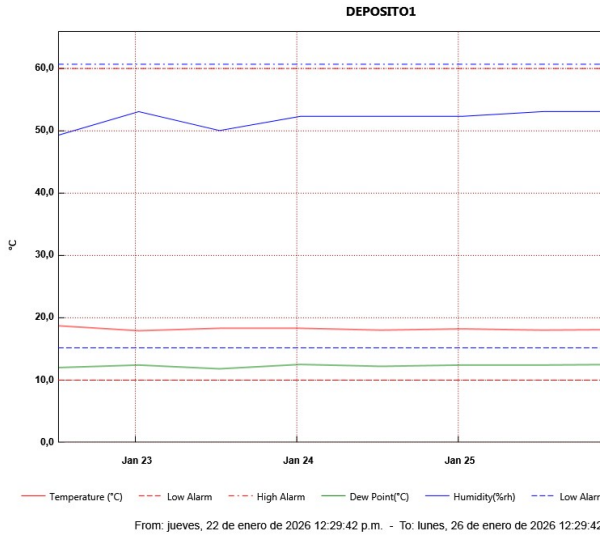
Dew Point

Minimum
11,9°C 12:29:42 p.m. 23/01/2026

Maximum
12,6°C 12:29:42 a.m. 26/01/2026

Average Reading
12,39°C

Standard Deviation
0,23°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	02:47:46 p.m. 26/01/2026	**Alarm**	*Not Triggered*
Last Reading	02:47:46 a.m. 04/02/2026	**Logging Rate**	12 Hours
Elapsed Time	8d, 12h, 0m, 0s		
Total Readings	18		

Temperature

Minimum
17,6°C 02:47:46 a.m. 29/01/2026

Maximum
18,4°C 02:47:46 p.m. 26/01/2026

Average Reading
17,97°C

Mean Kinetic Temperature
17,97°C (ΔH83,14472)

Standard Deviation
0,28°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
67,0%rh 02:47:46 p.m. 03/02/2026

Maximum
72,0%rh 02:47:46 a.m. 29/01/2026

Average Reading
69,94%rh

Standard Deviation
1,31%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

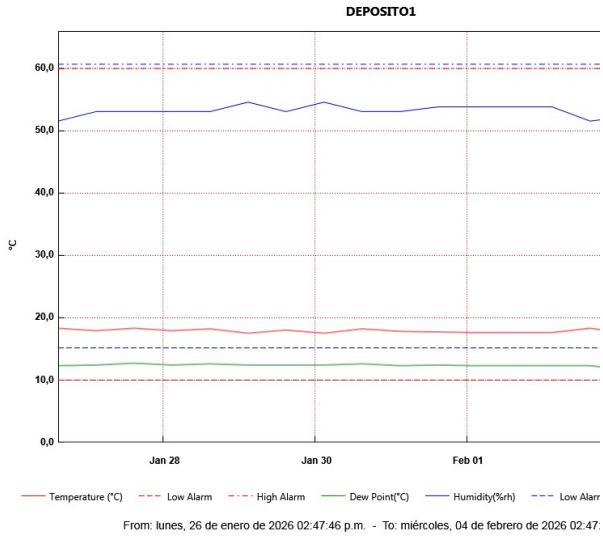
Dew Point

Minimum
11,8°C 02:47:46 a.m. 03/02/2026

Maximum
12,8°C 02:47:46 p.m. 27/01/2026

Average Reading
12,41°C

Standard Deviation
0,26°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	09:05:19 a.m. 04/02/2026
Last Reading	09:05:19 p.m. 08/02/2026
Elapsed Time	4d, 12h, 0m, 0s
Total Readings	10

Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
16,6°C 09:05:19 a.m. 05/02/2026

Maximum
18,2°C 09:05:19 p.m. 08/02/2026

Average Reading
17,62°C

Mean Kinetic Temperature
17,62°C (ΔH83,14472)

Standard Deviation
0,51°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
62,0%rh 09:05:19 a.m. 04/02/2026

Maximum
69,0%rh 09:05:19 p.m. 07/02/2026

Average Reading
66,50%rh

Standard Deviation
2,06%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

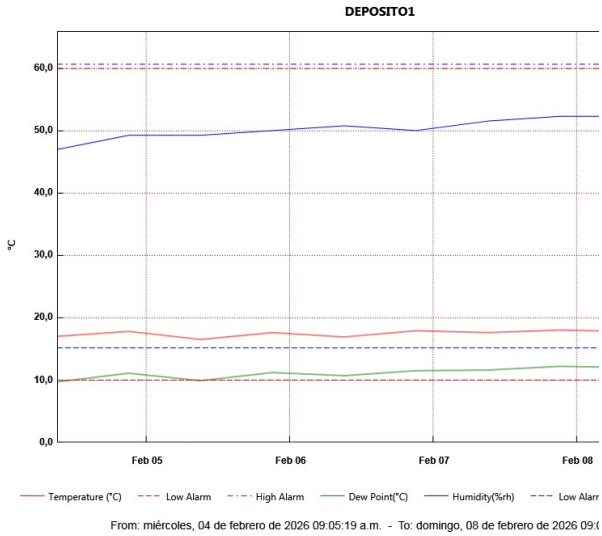
Dew Point

Minimum
9,8°C 09:05:19 a.m. 04/02/2026

Maximum
12,3°C 09:05:19 p.m. 07/02/2026

Average Reading
11,30°C

Standard Deviation
0,83°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	08:14:44 a.m. 09/02/2026	**Alarm**	*Not Triggered*
Last Reading	08:14:44 a.m. 09/03/2026	**Logging Rate**	12 Hours
Elapsed Time	28d, 0h, 0m, 0s		
Total Readings	57		

Temperature

Minimum
17,1°C 08:14:44 a.m. 20/02/2026

Maximum
18,7°C 08:14:44 p.m. 03/03/2026

Average Reading
17,91°C

Mean Kinetic Temperature
17,91°C (ΔH83,14472)

Standard Deviation
0,46°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
64,0%rh 08:14:44 a.m. 09/02/2026

Maximum
70,0%rh 08:14:44 a.m. 24/02/2026

Average Reading
67,12%rh

Standard Deviation
1,20%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

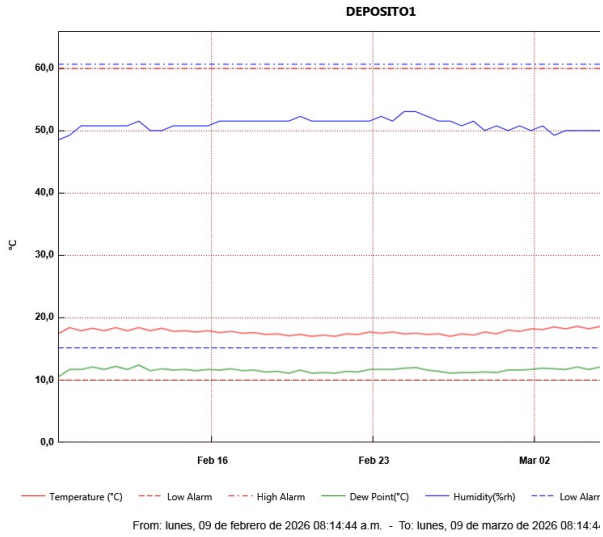
Dew Point

Minimum
10,6°C 08:14:44 a.m. 09/02/2026

Maximum
12,5°C 08:14:44 p.m. 12/02/2026

Average Reading
11,73°C

Standard Deviation
0,34°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	12:28:34 p.m. 09/03/2026
Last Reading	12:28:34 a.m. 11/03/2026
Elapsed Time	1d, 12h, 0m, 0s
Total Readings	4

Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
16,9°C 12:28:34 a.m. 11/03/2026

Maximum
20,7°C 12:28:34 p.m. 10/03/2026

Average Reading
18,93°C

Mean Kinetic Temperature
18,91°C (ΔH83,14472)

Standard Deviation
1,74°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
60,0%rh 12:28:34 p.m. 10/03/2026

Maximum
73,0%rh 12:28:34 a.m. 11/03/2026

Average Reading
65,50%rh

Standard Deviation
5,32%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

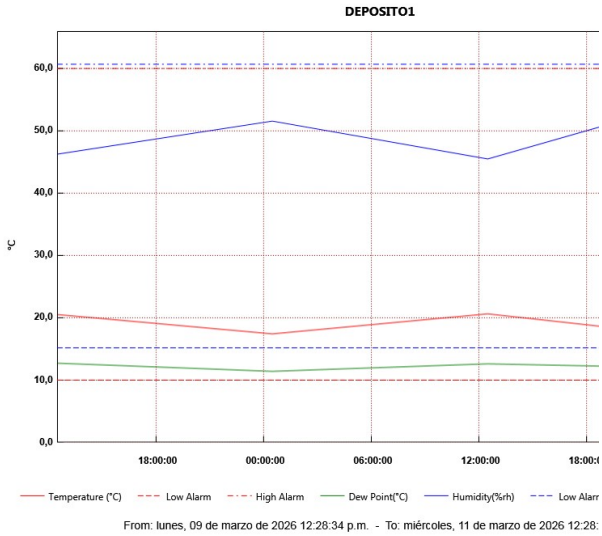
Dew Point

Minimum
11,5°C 12:28:34 a.m. 10/03/2026

Maximum
12,8°C 12:28:34 p.m. 09/03/2026

Average Reading
12,25°C

Standard Deviation
0,53°C



Summary Report

Mac Address	98:8B:AD:20:29:6E
Device Name	DEPOSITO1

First Reading	10:50:05 a.m. 11/03/2026
Last Reading	10:50:05 a.m. 06/04/2026
Elapsed Time	26d, 0h, 0m, 0s
Total Readings	53

Alarm	*Not Triggered*
Logging Rate	12 Hours

Temperature

Minimum
17,1°C 10:50:05 a.m. 19/03/2026

Maximum
19,4°C 10:50:05 a.m. 11/03/2026

Average Reading
17,83°C

Mean Kinetic Temperature
17,83°C (ΔH83,14472)

Standard Deviation
0,45°C

Low Alarm 10,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 60,0°C

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Humidity

Minimum
66,0%rh 10:50:05 a.m. 11/03/2026

Maximum
74,0%rh 10:50:05 p.m. 04/04/2026

Average Reading
70,21%rh

Standard Deviation
1,91%rh

Low Alarm 20,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

High Alarm 80,0%rh

Alarm Occurrences
0

Total time in alarm
N/A

First Alarm Triggered
N/A

Longest Alarm
N/A

Dew Point

Minimum
10,9°C 10:50:05 a.m. 20/03/2026

Maximum
13,2°C 10:50:05 p.m. 29/03/2026

Average Reading
12,33°C

Standard Deviation
0,50°C

