

Recording Vaccine Temperatures

Record **CURRENT, MIN, AND MAX** temperatures in vaccine units twice a day.
 Keep temperature logs for three years.

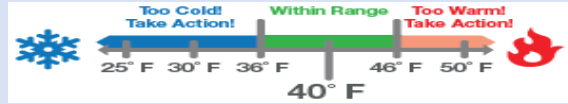
Set Mode Display to 36.0°F Lo and 46.0°F Hi (2°C Lo and 8°C Hi)

The **CURRENT** temperature is the temperature **now**. The **MIN** (minimum) shows the **coldest** temperature in the unit since the memory was cleared or data was downloaded. The **MAX** (maximum) shows the **warmest** temperature in the unit since the memory was cleared or data was downloaded. MIN/MAX numbers tell you if temperatures were ever in the **DANGER Zone** since you last checked the temperature. (See Step 2 for example.)



Refrigerator units: Temperatures 35.9°F or lower are out of range and require an incident report.
Temperatures 46.1°F or higher are out of range and require an incident report.

Be sure to record A.M. temperatures **before** opening the refrigerator or doing inventory.



Step 1

Start a new log at the beginning of every month.
 Write the **month, year, and VFC PIN**.
 Also, write the **Facility Name**.

Find the proper date and time (AM or PM), and record temp in °F or °C.

Make sure to use correct log, **F** or **C**.

Initial on correct line for AM or PM.

Month/Year _____ VFC PIN _____

Facility Name _____

| Day | Time: AM | Refrigerator AM Temp | Refrigerator Min/Max Temp | Staff Initials | Temp in Range (Y/N) |
|-----|----------|----------------------|---------------------------|----------------|---------------------|
| 1 | | | | | |

Step 2

Read the **MIN** and **MAX** temperatures on the digital data logger display.
 Write the temperatures in the space provided.

| Refrigerator Min/Max Temp | Staff Initials | Temp in Range (Y/N) |
|---------------------------|----------------|---------------------|
| 38.2°F/44.7°F | | |

Check if the temperatures you recorded are OK or in the **DANGER Zone**.

Refrigerated vaccine safety zone is 36.0°F to 46.0°F (2°C to 8°C).

Note: 35.9°F is in the DANGER Zone; 46.1°F is in the DANGER Zone.

Circle all the temperatures that are in **DANGER Zone** (even if they are due to temporary causes, such as taking inventory). Then go to Step 3.

| Refrigerator Min/Max Temp | Staff Initials | Temp in Range (Y/N) |
|---------------------------|----------------|---------------------|
| 38.2°F/47.5°F | | N |

If ALL temperatures are OK, go to Step 4.

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Step 3 If temperatures are in a DANGER Zone, immediately take these actions.

If you ever see temps in Danger Zone (above 5.0°F), even for a short time:

- Put a “Do Not Use Vaccine” sign on the vaccines and alert your supervisor immediately.
- If temps are in the DANGER Zone over 30 minutes – **Call the manufacturers immediately, then complete an Incident Report. You must notify Division of Immunizations of all cold chain failure.**

You may see warmer temperatures after taking inventory or stocking vaccine. After you’re done, temperatures should be OK within 30 minutes. But if any temperatures remain too warm, it could mean that there is a problem with your freezer. You must take the action steps above!

Document actions. Attach an extra sheet of paper to the log. See example here:

Action Taken: *(attach additional pages as needed) 9/6/13, 5pm warm temps due to taking inventory. Called VFC. Vaccines OK. Temps OK in 30 minutes.*

When you record MIN/MAX temperatures, you may see more temps in the DANGER Zone than you did when you only recorded CURRENT temperatures. It is important to call the manufacturer and document temps in the DANGER Zone **every time** as indicated in this step.

Step 4

For a digital min/max on data logger, press the MEMORY CLEAR* button **each time** you finish logging temperatures.

For a digital data logger or continuous monitoring device, weekly downloads from the device to a computer file are required.

*Some Digital Data Loggers (DDL) may not have the **Memory Clear** button.



Step 5

At the end of the day repeat Steps 1 - 4.