



Temperature Excursion Response Checklist

How to respond to data logger temperature alarms.

<input type="checkbox"/>	Follow your Vaccine Management Plan for instructions on managing temperatures that are too hot or too cold in your vaccine storage units.
<input type="checkbox"/>	Quarantine the vaccine, bagging and labeling the vaccine "DO NOT USE."
<input type="checkbox"/>	If current temperatures are out of range, move the vaccine to a unit maintaining in-range temperatures that is monitored according to VFC requirements.
<input type="checkbox"/>	Review the temperature data to determine the highest and/ or lowest temperatures reached and the period of time the temperatures were out of range. <ul style="list-style-type: none"> Download and print the report from the data logger that includes the timeframe of the temperature excursion Temperature excursion guidance for the logger report is on the next page
<input type="checkbox"/>	List all VFC vaccines involved in the incident by type, lot# and expiration date, as well as number of doses.
<input type="checkbox"/>	Call manufacturers to report vaccine exposed to out of range temperatures and request their determination if the vaccine can still be used. <ul style="list-style-type: none"> Request a case number Request written documentation of their recommendation <ul style="list-style-type: none"> The phone numbers for the manufacturers are included in the Vaccine Management Plan template You will need the case number in the event the vaccine is involved in another excursion
<input type="checkbox"/>	Call the Colorado VFC Program at 303-692-2650 to report the incident.
<input type="checkbox"/>	Submit the following documents to the VFC Program via email cdphe_vfc@state.co.us or by fax to 303-691-6118. Please put "Temperature Excursion-PIN____" in the email subject line or on the cover sheet of your fax. <ul style="list-style-type: none"> Data logger reports Paper temp logs Manufacturer recommendations Completed Incident Report List of VFC vaccines involved in the incident
<input type="checkbox"/>	If it is determined that there is vaccine wastage, please follow the Vaccine Return Checklist found at www.coloradovfc.com , complete a return form and email or fax to the VFC program at 303-691-6118.
<input type="checkbox"/>	Adjust inventory in CIIS for wastage. Please call the VOM helpdesk at 303-692-2429, option 1 for assistance.

- It is standard policy to suspend providers from receiving or ordering additional vaccine while temperature excursion incidents are being investigated and data is evaluated.
- Prompt submission of required documentation will resolve the suspension more quickly.
- Providers may be required to replace publicly funded VFC or 317 vaccines that are wasted due to provider negligence. This requirement is included in the VFC Provider Enrollment Agreement

Please contact the VFC Program with any questions at cdphe_vfc@state.co.us or 303 692-2650.

Follow these steps to use the data logger report to determine the highest and/ or lowest temperatures reached and the period of time the unit was out of range.

1. Download and review report from the data logger.
 - Make sure that the report includes the time when the unit was outside of the temperature range.
 - Visit www.coloradovfc.com for more information on how to download and print data logger reports.

2. Check the Alarm Status section on the data logger report.
 - Look to see if there is a red X or Fail in the Alarm Status section, indicating out of range temperatures.
 - Take immediate action to respond when out of range temperatures are recorded.
 - Follow the temperature excursion response check list, your vaccine management plan and document all actions taken.

Alarm Status



3. In the Recorded Data section, review the lowest and highest readings.
 - In the example, the freezer reached a high of -10.1°C.

4. In the Low or High Alarm setting review the time the logger recorded out of range temperatures.
 - In the example, the temperatures were too warm for 1 day, 3 hours and 45 minutes.

LogTag Recorder has been downloaded 6/24/2015 8:26:51 AM (UTC -07:00, standard time)

Alarm Status Recorder Info
 Low ✓ OK
 High ✗ Fail
 Serial #: 1060022411 Model: TRED30-7R Battery: OK Trip #: 4
 User ID: Freezer 1

Recorder Configuration
 Start type: Push button start Temperature alarms
 Start delay: 5 Minutes Lower: -40.0 °C
 Interval: 30 Minutes Upper: -14.7 °C
 Alarm indicator: Enabled lower & upper

Recorded Data
 First reading: 6/15/2015 8:20:16 AM
 Last reading: 6/24/2015 9:20:16 AM
 Elapsed Time: 9 Days, 1 Hour
 Total readings: 435
 First evaluated: 6/15/2015 8:20:16 AM
 Last evaluated: 6/24/2015 9:20:16 AM
 Evaluated Time: 9 Days, 1 Hour
 Evaluated Readings: 435

Temperature statistics
 Lowest: -15.8 °C
 @ 6/20/2015 6:50:16 AM
 Highest: -10.1 °C
 @ 6/24/2015 8:20:16 AM
 Average reading: -15.1 °C
 Standard Deviation (S): 1.3 °C
 Mean Kinetic Temperature: -14.98 °C

Low Alarm
 Triggered: (none)
 Time below: (none)
 Occurrences: 0
 °C - Minutes below: 0.00

High Alarm
 Triggered: @ 6/15/2015 8:20:16 AM
 Time above: 1 Day, 3 Hours, 45 Minutes
 Occurrences: 28
 °C - Minutes above: 4083.00

5. Call the manufacturers and use the information from the logger report.
 - In the example, report that the vaccines were exposed to a high temperature of -10.1°C for 1 day, 3 hours and 45 minutes.