

HOW TO DOWNLOAD & INTERPRET DDL DATA

HDOHVFC PROGRAM

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HOUSEKEEPING

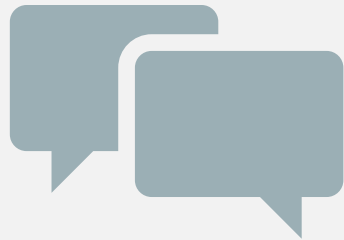
QA Team:

- Please ensure you're muted throughout the presentation unless you are speaking.
- Please monitor the chat for questions.

Attendees:

- Today's session is being recorded. Slides and webinar recording will be uploaded to: <https://health.hawaii.gov/docd/for-healthcare-providers/vaccination-resources/vaccines-for-children-program-vfc/>
- To be added to the Hawaii VFC Program email list, please email your request to HawaiiVFC@doh.Hawaii.gov with 'EMAIL LIST' in the subject line.

QUESTIONS



During today's webinar, please use the chat to ask your questions so the Hawaii VFC Program subject matter experts can respond directly



All questions will be answered at the end of today's presentation

OBJECTIVES

Providers should be able to retrieve digital data logger data from their temperature monitoring system

Providers should know how to read and interpret their data

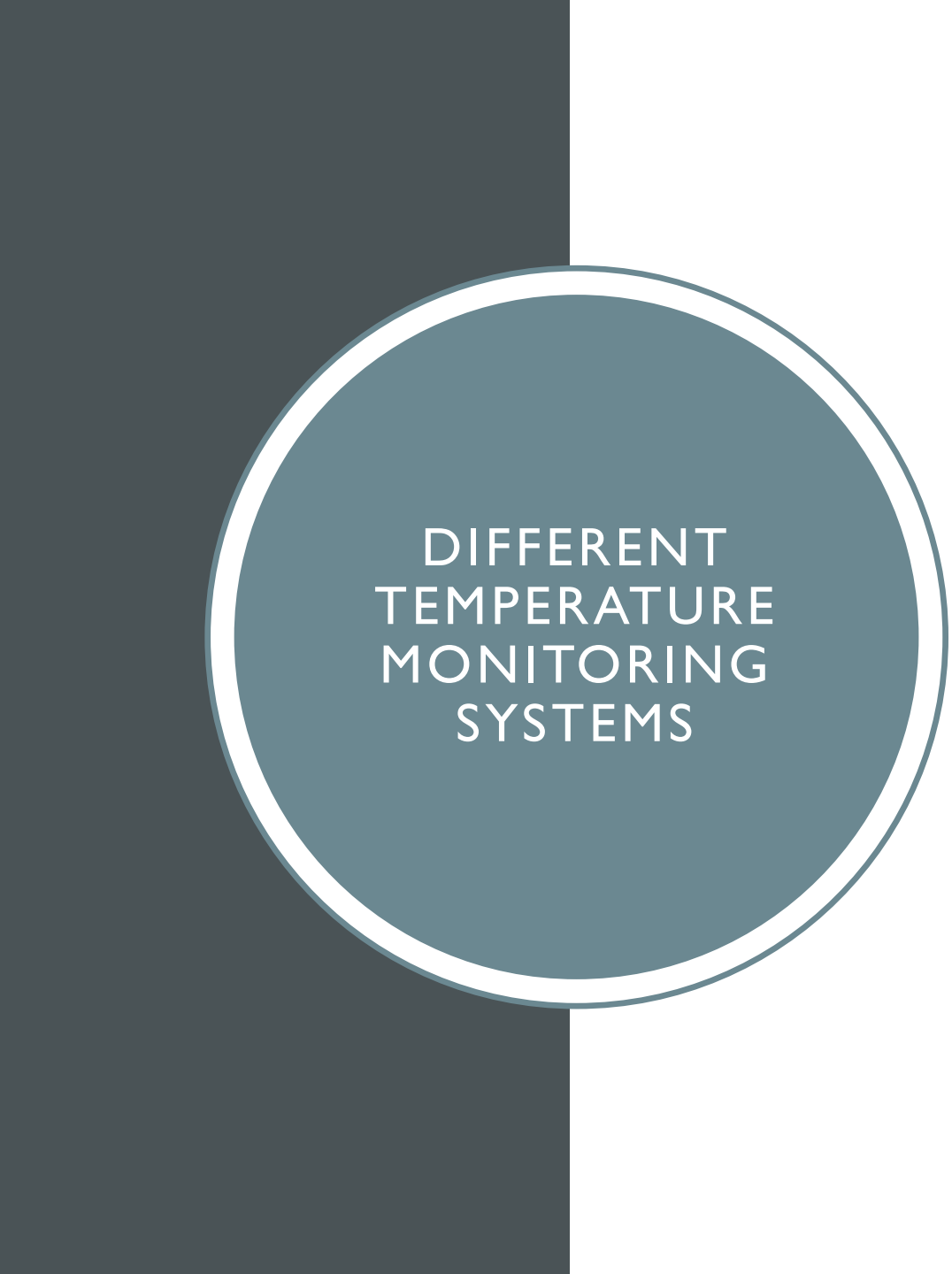
Provider should know what should be submitted to the HDOH VFC Program for monthly submissions, temperature excursions, etc.

WHAT IS DDL DATA?

- DDL = digital data logger
- DDL data = a comprehensive dataset that should show the minimum and maximum temperatures logged by the monitor each day for at least one month as well as any alarms that may have been triggered due to temperature excursions
 - DDL data may also include the time alarm was triggered and duration of each excursion event
 - Supplemental graphs may also be utilized to interpret DDL data
- DDL data gives a deeper look into the temperature history and stability of a VFC vaccine storage unit
 - Especially useful to monitor temperatures when staff are not in office

WHEN TO DOWNLOAD DDL DATA

- Routinely every two weeks as part of the VFC Program Requirements
- In the event of an excursion/an alarm is triggered
- After office/facility is closed for a period of time other than routine closures (ex. temporary office closure, long weekend, school break, etc.)
- If requested by a member of the HDOH VFC Program Team

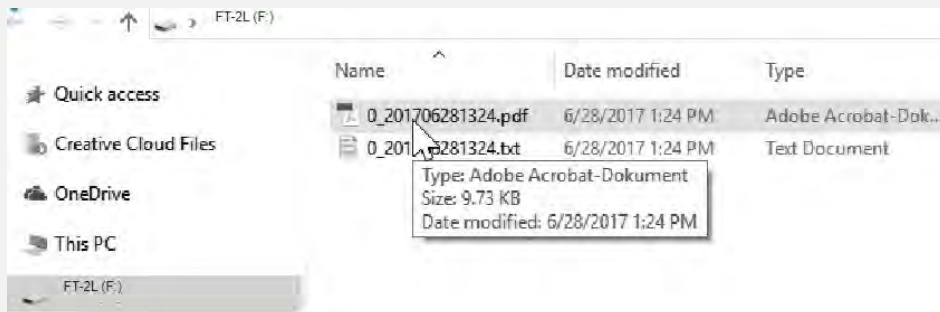


DIFFERENT
TEMPERATURE
MONITORING
SYSTEMS

- Most common temperature monitoring systems utilized by Hawaii VFC Providers:
 - Berlinger Fridge-Tag
 - SensoScientific
 - AccuVax/AccuShelf
- Built-in unit thermometers are ***not permitted*** for use as they do not meet all VFC Program DDL requirements

**BERLINGER FRIDGETAG DDL
MONITOR**

HOW TO RETRIEVE DDL DATA



1. Detach monitor from storage unit
2. Insert USB plug into USB port on computer
3. Open FridgeTag device on computer
4. Open PDF
 1. For some users, the current Adobe PDF program does not support the FridgeTag PDF file. If this occurs, please open the PDF file using another app such as a browser (Microsoft Edge, Firefox, etc.)

TEMPERATURE EXCURSIONS

1. If an excursion is found on your monthly temperature log submissions, a member of the HDOH VFC QA Team will request that you download the DDL data from your FridgeTag device
2. VFC providers should self-report any excursions that occur in their VFC vaccine storage units as soon as they occur to prevent any vaccine order delays/holds
 1. Delayed reporting of a temperature excursion and the subsequent clearing of the affected vaccine by the HDOH VFC Program can risk the viability of the vaccines given to VFC-eligible children.
3. 5 days of stable DDL data must be submitted following the most-recent excursion event in order to clear the unit and vaccine for use and reinstate any vaccine order holds that may have been put in place.

Once an excursion is identified, providers should analyze their downloaded data for any out-of-range temperatures & submit that data to the HDOH VFC Program

1. See excursion example →
 1. This data tells us that this VFC provider's freezer alarm has been triggered due to two excursion events on 7/9 & 7/10.
 2. VFC Provider is then required to complete the temperature excursion process

PDF document of the Fridge-tag® 2 L

Identification number: 160500071522
 Date and time of report creation: 10.07.2024 16:17h
 Activation date: 27.09.2023 04:46h
 Upper alarm limit: Above -15.0°C for 1h
 Lower alarm limit: —
 Measurement interval:¹⁾ 1min (fixed)
 Logging interval: 5min

Site Name:

PIN:

No.	Date (dd.MM.yyyy)	Events ²⁾	Average temp.	Lower alarm limit				Upper alarm limit				Ext. sensor connection error		
				Status	Min. temp.	Cumulative daily time below the limit	Alarm trigger time	Status	Max. temp.	Cumulative daily time above the limit	Alarm trigger time	Status	Duration	Alarm trigger time
1	Today	07:44	+2.3°C	In progress	-0.1°C	0min		ALARM	+4.8°C	16h 9min	00:00h	In progress	9min	
2	09.07.2024	08:35	-14.6°C	ok	-18.3°C	0min		ALARM	-0.1°C	5h 26min	19:34h	ok	0min	
3	08.07.2024	08:54	-17.3°C	ok	-18.3°C	0min		ok	-16.3°C	0min		ok	0min	
4	07.07.2024	08:18	-17.4°C	ok	-18.3°C	0min		ok	-16.5°C	0min		ok	0min	
5	06.07.2024	07:49	-17.5°C	ok	-18.3°C	0min		ok	-16.6°C	0min		ok	0min	

MONTHLY TEMPERATURE SUBMISSION FOR FRIDGETAG USERS

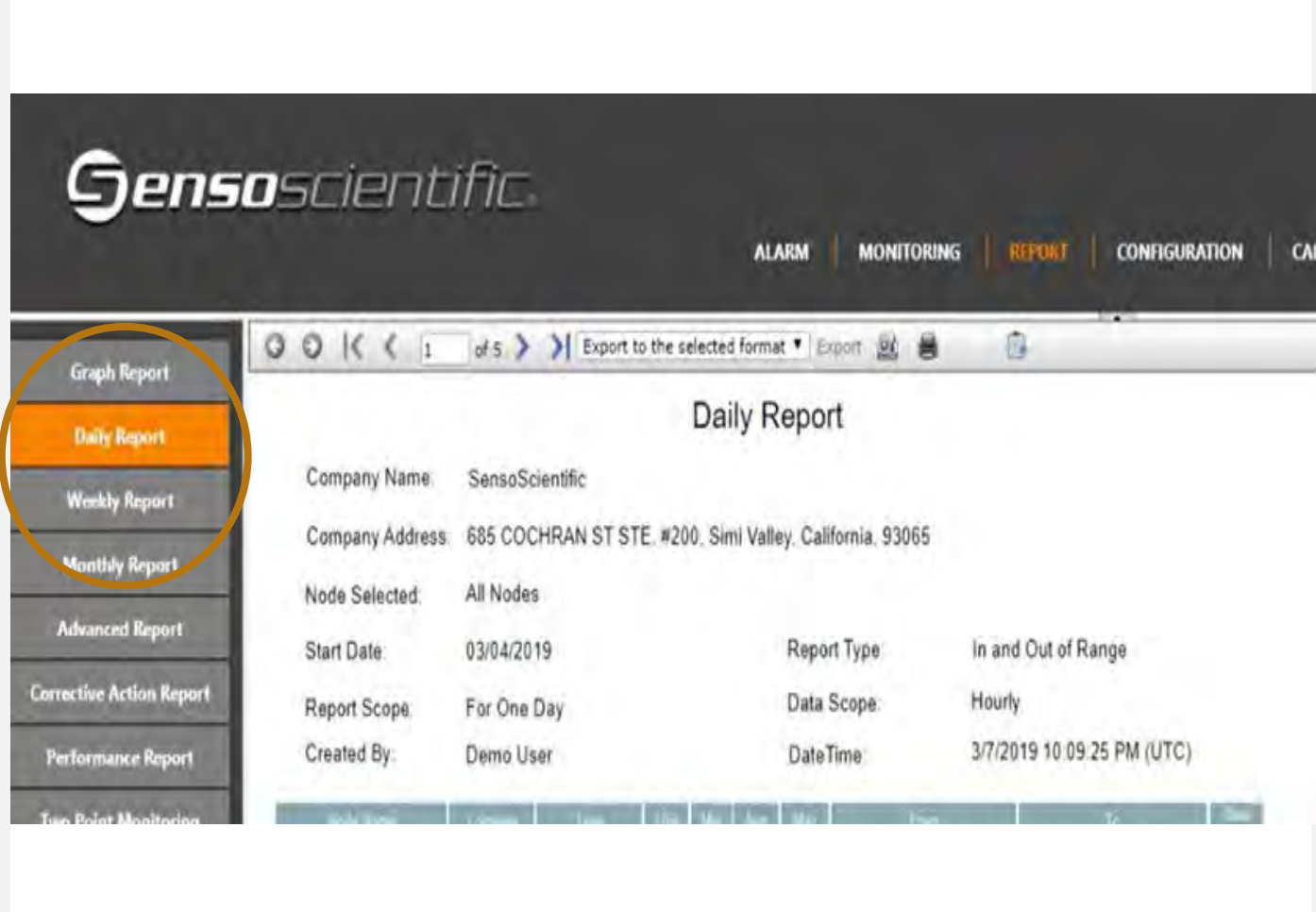
- Manual Temperature Log
 - Provided by the HDOH VFC Program
 - Other approved temperature log documentation
- Manual logs should include:
 - Initial of staff recording daily workday temperature check
 - Time of check (am & pm)
 - At least one min & max reading per workday, typically taken at the start of the workday
 - Two current temperature readings per workday
 - Please indicate actual decimal temperature value and not a “✓”.

Day of Month	1		2		3		4	
Staff Initials	PP		PP		PP			
Exact Time	AM	PM	AM	PM	AM	PM	AM	PM
	8:07	3:57	8:37	3:49	8:08	5:52		
Min/Max Temp (since previous reading)	5.4° 5.8°		5.5° 5.9°		5.4° 5.7°		✓	
Danger! Temperatures above 8°C are too warm! Write any o								
TEMPERATURES	8°C							
	7°C							
	6°C		5.6°	5.5°	5.4°	5.6°	5.8°	5.6°
	5°C							
ACCEPTABLE	4°C							
	3°C							
	2°C							
							DL170	

SENSOSCIENTIFIC DDL MONITOR

HOW TO RETRIEVE DDL DATA

1. Log in to SensoScientific online system
2. Select 'Report'
3. A number of reporting options are available but main DDL reports should be:
 1. Monthly Report
 2. Graph Report
 3. Daily/Weekly (if requested)



The screenshot displays the SensoScientific web application interface. The top navigation bar includes 'ALARM', 'MONITORING', 'REPORT', 'CONFIGURATION', and 'CAL'. The left sidebar contains a list of report types: 'Graph Report', 'Daily Report', 'Weekly Report', 'Monthly Report', 'Advanced Report', 'Corrective Action Report', 'Performance Report', and 'Two Point Monitoring'. The 'Daily Report' option is highlighted in orange. The main content area shows the 'Daily Report' page with the following details:

Company Name:	SensoScientific		
Company Address:	685 COCHRAN ST STE. #200, Simi Valley, California, 93065		
Node Selected:	All Nodes		
Start Date:	03/04/2019	Report Type:	In and Out of Range
Report Scope:	For One Day	Data Scope:	Hourly
Created By:	Demo User	DateTime:	3/7/2019 10:09:25 PM (UTC)

TEMPERATURE EXCURSIONS

1. If an excursion is found on your monthly log submission (Audit Node Report), a request for DDL data/data graph will be made by a member of the HDOH VFC QA Team to further investigate
 1. The DDL data/graph will give our team better insight into how your VFC vaccine storage unit is maintaining/not maintaining appropriate temperatures.
 2. DDL data should be in the form of either a Weekly or Monthly Report generated by the SensoScientific System. Providers may also submit the supplemental graphs for further data
2. Sensoscientific system will alert users to an excursion event when it occurs
 1. Notify the HDOH VFC QA Team about excursion event and begin temperature excursion process
 2. Delayed reporting of a temperature excursion and the subsequent clearing of the affected vaccine by the HDOH VFC Program can risk the viability of the vaccines given to VFC-eligible children.
3. Following an excursion event, VFC providers will need to **submit 5 days of stable DDL data** to clear the unit and vaccine for use and restore any vaccine order holds that may have been put in place.
 - Note: Audit Node Reports (monthly log) often report out-of-range temperatures from past excursions that occurred but were never cleared by the user. In the event that this happens, please attach the Monthly Report (DDL data) to prevent delays in vaccine order processing/holds.

Monthly Report

Company Name: [REDACTED]
 Company Address: [REDACTED]
 Node Selected: PURCH3old
 Start Date: 03/01/2024
 Report Scope: For One Month Data Scope: Daily
 Created By: [REDACTED] DateTime: 4/12/2024 1:46:59 PM (HST)

Name	Location	Type	Unit	Min	Avg	Max	From	To	Best rate
PURCH3old	VFC/Refrigerator	Temperature	°F	39.6	40.1	40.6	3/31/2024 12:03:14 AM	3/31/2024 11:58:32 PM	284
PURCH3old	VFC/Refrigerator	Temperature	°F	39.7	40.2	40.6	3/30/2024 12:03:19 AM	3/30/2024 11:58:09 PM	283
PURCH3old	VFC/Refrigerator	Temperature	°F	39.9	40.7	45.1	3/29/2024 12:00:15 AM	3/29/2024 11:58:14 PM	285
PURCH3old	VFC/Refrigerator	Temperature	°F	39.7	40.4	41.0	3/28/2024 12:00:42 AM	3/28/2024 11:55:12 PM	283
PURCH3old	VFC/Refrigerator	Temperature	°F	39.9	40.4	41.0	3/27/2024 12:01:16 AM	3/27/2024 11:55:37 PM	283
PURCH3old	VFC/Refrigerator	Temperature	°F	39.9	40.6	42.1	3/26/2024 12:01:40 AM	3/26/2024 11:56:13 PM	284

Example:

[REDACTED] et	SCH-017281	Refrig_B2B7	4.2 °C	16.2 °C	6.1 °C	5/18/2024 7:10:38 PM	5/25/2024 11:32:08 AM	
[REDACTED] Nurses Station Refrig	SCH-017281	Nurses Station Refrig_B2 B7	4.9	5.6	6.4	5/25/2024 12:04:10 AM	5/25/2024 11:55:51 PM	97

Audit Node Report
vs.

Monthly Report

Monthly Report

Company Name: [REDACTED]
Company Address: [REDACTED]
Node Selected: PEDS2old
Start Date: 03/01/2024
Report Scope: For One Month Data Scope: Daily
Created By: [REDACTED] DateTime: 4/12/2024 2:01:14 PM (HST)

Name	Location	Type	Unit	Min	Avg	Max	From	To	Beat rate
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	38.7	39.8	45.9	3/31/2024 12:03:35 AM	3/31/2024 11:54:58 PM	283
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	39.0	39.9	41.0	3/30/2024 12:02:33 AM	3/30/2024 11:58:30 PM	284
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	38.8	40.0	43.5	3/29/2024 12:01:29 AM	3/29/2024 11:57:28 PM	285
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	38.8	40.0	46.8	3/28/2024 12:00:35 AM	3/28/2024 11:56:24 PM	281
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	39.0	39.9	41.0	3/27/2024 12:04:41 AM	3/27/2024 11:55:31 PM	278
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	39.0	39.9	43.0	3/26/2024 12:01:53 AM	3/26/2024 11:59:37 PM	283
PEDS [REDACTED]	VFC/Refrigerator [REDACTED]	Temperature	°F	38.8	40.0	49.1	3/25/2024 12:01:16 AM	3/25/2024 11:56:49 PM	281

EXCURSION EXAMPLE

- The DDL data here tells us that two separate excursions occurred in this VFC storage unit in March 2024 - 3/28 & 3/25
- Appropriate temperature range: 36°F - 46°F
- Excursion temps: 46.8°F & 49.1°F
 - Because two excursions occurred in a 3-day time span, full excursion protocol was required and the VFC provider had to submit necessary excursion documentation in order to clear the case and reinstate vaccine ordering privileges.

MONTHLY TEMPERATURE SUBMISSION FOR SENSOSCIENTIFIC USERS

- Required monthly temperature logs for Sensoscientific users can be submitted one of two ways:
 1. Audit Node Reports (full online/cloud use)
 1. Should include:
 1. Name of staff who audited unit each workday
 2. Min, max & current temperature of each VFC vaccine storage unit each workday
 3. Time & date of audit


OR

 2. HDOHVFC Manual Temperature Log + Sensoscientific Monthly Report (DDL data)
 1. If Sensoscientific users opt to continue utilizing the manual temperature log provided by the HDOHVFC Program (not using the cloud portal), they must reset the min/max each time a daily temperature is recorded
 1. If staff do not reset the digital display each time temperatures must be documented, inaccurate repeated temperatures will occur. To avoid vaccine order delays/holds, providers are encouraged to submit the Senso Monthly Report if the monitor is not reset each time a temperature is taken.

Audit Node Report

Company Name: SensoScientific
 Company Address: 685 COCHRAN ST STE. #200, Simi Valley, California, 93065
 Node Selected: All Nodes
 Start Date: 10/01/2020 15:01 End Date: 10/26/2020 15:01
 Created By: Cassandra Appleby DateTime: 10/26/2020 9:59:58 PM (UTC)

Operator	Temperature	Location	Min	Max	Current Reading	Time Last Taken	Time Next Due
cassandra.appleby@sensoscientific.com	Pharmacy Ambient	Pharmacy	22.8 °C	24.8 °C	24.4 °C	10/21/2020 10:11:08 AM	10/22/2020 2:24:55 PM
cassandra.appleby@sensoscientific.com	Pharmacy Ambient	Pharmacy	22.1 °C	25.8 °C	22.9 °C	10/14/2020 10:10:38 AM	10/21/2020 10:11:08 AM
cassandra.appleby@sensoscientific.com	Pharmacy Ambient	Pharmacy	22.9 °C	25 °C	23.4 °C	10/13/2020 10:13:36 AM	10/14/2020 10:10:38 AM



1. Review the Current, and Min/Max temperatures.
Document the Current and Min/Max temperatures on the Manual Temperature paper log.
2. Simultaneously press and hold the right arrow button and Center S button down at the same time. The light bar will start to flash. Once the light bar starts to flash, release the Center S button (continue to hold the right arrow button).

Once all of the lights on the light bar stop flashing release the right arrow button. This will refresh and reset the MIN/MAX temperatures. If done correctly, all three temperatures (current, min and max) will display the same.

ACCUVAX/ACCUSHELF DDL
MONITOR

Vaccines, medications, supplies and more!

You need to sign in or sign up before continuing.

Email

Password

LOGIN

Forgot Your Password?

LOGIN WITH SSO

AccuVax

AccuSite

AccuShelf

Headquarters
Harmony Demo

DASHBOARD INVENTORY **TEMPERATURE** PATIENTS

Daily Summary

Date	Daily Average	Daily Min/Max	Inspection Time	Inspection User	Inspection Temperature
3/1/2023	41.3°F	40.6°F/42.3°F	8:48 am	ThereseHester User	41.3°F
			2:33 pm	Alex Seitz	40.9°F
3/2/2023	41.3°F	41.1°F/41.8°F	7:50 am	Olivia Knipe	41.2°F
			2:53 pm	Olivia Knipe	41.2°F

Recorded Details (Time/Average Temperature)

03/01/2023 12:00AM	41.3°F	03/01/2023 12:05AM	41.3°F	03/01/2023 12:10AM	41.3°F	03/01/2023 12:15AM	41.3°F
03/01/2023 12:20AM	41.3°F	03/01/2023 12:25AM	41.3°F	03/01/2023 12:30AM	41.3°F	03/01/2023 12:35AM	41.3°F
03/01/2023 12:40AM	41.3°F	03/01/2023 12:45AM	41.3°F	03/01/2023 12:50AM	41.3°F	03/01/2023 12:55AM	41.3°F
03/01/2023 1:00AM	41.3°F	03/01/2023 1:05AM	41.3°F	03/01/2023 1:10AM	41.3°F	03/01/2023 1:15AM	41.3°F
03/01/2023 1:20AM	41.3°F	03/01/2023 1:25AM	41.3°F	03/01/2023 1:30AM	41.3°F	03/01/2023 1:35AM	41.3°F
03/01/2023 1:40AM	41.3°F	03/01/2023 1:45AM	41.3°F	03/01/2023 1:50AM	41.3°F	03/01/2023 1:55AM	41.3°F

Headquarters
Harmony Demo

DASHBOARD INVENTORY **TEMPERATURE** PATIENTS

Overview Monthly **Details** Compliance

Detailed Temperature Readings

T2000AD01816 5 minutes Fridge

Report generated on: 4/13/2023, 11:55:05 AM

Account/Site: Harmony Demo / Headquarters

First Reading: 03/01/2023 12:00AM 41.3°F

Device Name: T2000AD01816

Last Reading: 03/02/2023 11:55PM 41.2°F

Device Serial Number: T2000AD01816

Storage Location: Fridge

Elapsed Time: 1 day, 23 hours, 55 minutes

Interval: 5 minutes

Triggered: No

Lower Warning Setting: 35.6°F

Upper Warning Setting: 46.4°F

Information

Site ID: _____

VFC PIN: _____

Manager Name: _____

Signature: _____

HOW TO RETRIVE DDL DATA

1. Users should access temperature data via AccuSite
2. Under the 'Temperature' tab, users have access to comprehensive temperature data for their units.

Accuvax/Accushelf allows users to generate detailed reports for temperature data. Users may adjust the parameters for the report based on unit section (freezer/fridge), time interval and the date range they wish to gather data from.

TEMPERATURE EXCURSIONS

- Accuvax & Accushelf users have an automated alert system that notifies them of excursions.
 - In the event that an alarm is triggered, providers should access their DDL data via AccuSite and evaluate the details of the event
 - All temperature excursions should be reported promptly as they occur
 - Delayed reporting of a temperature excursion and the subsequent clearing of the affected vaccine by the HDOH VFC Program can risk the viability of the vaccines given to VFC-eligible children.
- DDL data should be submitted to the HDOH VFC Program in accordance with VFC Program Excursion protocols.
 - Should the excursion require thorough follow up, VFC providers are required to complete entire excursion protocol.
- 5 days of stable DDL data will need to be submitted following the excursion event to clear the case and reinstate any vaccine order holds that may have been applied.
- Example →
 - This data shows us that an excursion in this unit on 4/11 and the Min/Max for that day was 11.2°C & 18.5°C
 - The appropriate temperature range: 2°C – 8°C
 - This excursion was well out of the appropriate temperature range and thus required full excursion protocol. VFC provider was required to submit all necessary excursion documentation as well as 5 days of stable temperature data following this event.

Alarm Details

AccuVax Name	Serial Number	Storage Location	First Reading	Duration	Min/Max Temperature
[REDACTED]	T2000AD01039	Fridge	04/10/2024 04:19PM	10 minutes	8.0°C & 2°C
[REDACTED]	T2000AD01039	Fridge	04/10/2024 05:13PM	18 hours	1.0°C & 18.5°C

Daily Summary

Date	Daily Average	Daily Min/Max	Inspection Time	Inspection User	Inspection Temperature
4/10/2024	7.1°C	5.2°C/11.2°C	6:39 am	[REDACTED]	5.6°C

<https://my.accusite.com/print/temperature/details?key=b30e847e>

1/9

4/11/24, 11:33 AM

My AccuVax

Date	Daily Average	Daily Min/Max	Inspection Time	Inspection User	Inspection Temperature
			4:31 pm	AccuVax Support	7.5°C
			6:23 am	AccuVax Support	12.4°C
4/11/2024	13.7°C	11.2°C/18.5°C	11:59 pm	AUTO	Unavailable

Recorded Details (Time/Average Temperature)

04/10/2024 12:00AM 5.5°C	04/10/2024 12:05AM 5.5°C	04/10/2024 12:10AM 5.5°C	04/10/2024 12:15AM 5.5°C
04/10/2024 12:20AM 5.5°C	04/10/2024 12:25AM 5.5°C	04/10/2024 12:30AM 5.5°C	04/10/2024 12:35AM 5.5°C
04/10/2024	04/10/2024	04/10/2024	04/10/2024

Monthly Confirmation Report

T2000AD01816 March 2023

DAY	TIME	VERIFIER	CURRENT	MIN	MAX	CURRENT	MIN	MAX
1	9:00 am	User, P	41.3	41.2	41.8	-5.8	-5.5	-0.1
1	3:01 pm	Smith, A	40.9	40.6	40.9	-5.5	-5.5	-5.3
2	8:50 am	Kripta, D	41.2	41.0	42.3	-5.7	-5.9	0.1
2	3:52 pm	Kripta, D	41.2	41.2	41.3	-5.7	-5.8	-5.7
3	12:10 pm	AUTO	41.1	41.1	41.7	-5.5	-5.0	-0.7
3	3:49 pm	User, P	41.2	41.1	41.2	-5.5	-5.5	-5.8
4	12:15 pm	AUTO	41.2	41.1	41.8	-5.1	-5.8	-0.3
4	12:38 am	AUTO	41.2	41.1	41.7	-5.7	-5.7	-0.5
5	12:10 pm	AUTO	41.1	41.1	41.7	-5.8	-5.9	-1.0
5	12:16 am	AUTO	41.1	41.1	41.6	-5.7	-5.8	-1.1
6	12:10 pm	AUTO	41.1	41.0	41.5	-5.7	-5.7	-1.5
6	12:16 am	AUTO	41.2	41.1	41.6	-4.8	-5.7	-1.3
7	12:10 pm	AUTO	41.1	41.0	41.8	-5.7	-5.7	0.4
7	2:20 pm	User, P	41.1	41.1	41.1	-5.7	-5.7	-5.7
8	8:47 am	User, P	41.1	41.1	41.6	-5.7	-5.8	-0.8
8	3:10 pm	User, P	41.2	41.1	41.2	-5.6	-5.7	-5.5
9	12:16 pm	AUTO	41.2	41.1	41.8	-5.7	-5.8	-0.5
9	12:16 am	AUTO	41.3	41.1	41.6	-5.3	-5.7	-0.5
10	9:24 am	User, P	41.2	41.2	41.8	-5.7	-5.8	-0.8
10	12:16 am	AUTO	41.1	41.0	41.8	-5.5	-5.8	-1.2
11	12:10 pm	AUTO	41.1	41.1	41.7	-5.0	-5.7	-0.7
11	12:16 am	AUTO	41.1	41.1	41.7	-4.9	-5.3	-0.2
12	12:16 pm	AUTO	41.1	41.1	41.9	-5.1	-5.1	1.1
12	12:10 am	AUTO	41.1	41.1	41.8	-5.0	-5.2	0.2
13	12:16 pm	AUTO	41.1	41.0	41.6	-5.2	-5.6	-0.4
13	3:43 pm	User, P	41.2	41.1	41.2	-5.7	-5.5	-5.7
14	12:16 pm	AUTO	41.6	41.2	42.3	-5.8	-5.8	-0.2
14	12:10 am	AUTO	41.8	41.5	42.3	-5.1	-5.8	-0.2
15	12:10 pm	User, P	41.6	41.6	42.4	-5.0	-5.3	0.5
15	3:10 pm	User, P	41.2	41.2	41.8	-5.8	-5.8	-4.9
16	12:16 pm	AUTO	41.6	41.6	42.3	-5.8	-5.9	-0.2
16	3:47 pm	User, P	41.6	41.3	41.6	-5.7	-5.5	-5.7
17	8:29 am	User, P	41.7	41.1	41.8	-5.7	-5.8	0.5
17	12:16 am	AUTO	41.3	41.2	41.8	-5.3	-5.5	-0.1
18	12:40 pm	Quintanilla	41.3	41.2	41.7	-5.0	-5.7	-1.0
18	12:16 am	AUTO	41.3	41.2	41.8	-4.8	-5.1	-0.1
19	12:16 pm	AUTO	41.3	41.2	41.8	-5.1	-5.4	-0.3
19	12:16 am	AUTO	41.3	41.2	41.8	-5.0	-5.1	-0.1
20	12:16 pm	AUTO	41.3	41.2	41.8	-5.4	-5.8	-0.8
20	4:11 pm	Quintanilla	41.3	41.2	41.3	-5.7	-5.7	-5.4
21	12:10 pm	AUTO	41.3	41.2	41.8	-4.9	-5.2	-0.1
21	2:47 pm	User, P	41.2	41.2	41.3	-5.2	-5.3	-4.8
22	12:16 pm	AUTO	41.6	41.2	42.2	-5.7	-5.8	-0.3
22	5:05 pm	Anderson, K	41.2	41.1	41.6	-5.7	-5.7	-5.7
23	12:10 pm	AUTO	41.2	41.1	41.7	-5.5	-5.5	-0.1
23	12:16 am	AUTO	41.2	41.1	41.6	-5.0	-5.8	-0.9
24	12:10 pm	User, P	41.2	41.1	41.7	-5.8	-5.8	-0.5
24	12:16 am	AUTO	41.2	41.1	41.7	-5.5	-5.5	-0.8
25	12:10 pm	AUTO	41.2	41.1	41.7	-5.8	-5.5	-1.0
25	12:16 am	AUTO	41.2	41.1	41.6	-5.7	-5.8	-1.0
26	12:10 pm	AUTO	41.1	41.1	41.5	-5.7	-5.7	-1.3
26	12:16 am	AUTO	41.1	41.1	41.8	-5.4	-5.7	-1.1
27	12:10 pm	AUTO	41.2	41.0	41.5	-5.7	-5.8	-1.1
27	12:16 am	AUTO	41.2	41.1	41.6	-5.6	-5.8	-1.1

F Daily Temperature Verification Log
March 2023

Site: **Harmony Drive**
 Device Name: **AccuVax**
 Device Serial #: **T2000AD01816**
 Report Generated: **4/11/2023 11:41 AM**

MONTHLY TEMPERATURE SUBMISSION FOR ACCUVAX/ACCUSHELF USERS

Required monthly temp log submissions should be the Monthly Report generated via AccuSite

If your VFC Provider PIN/Facility Name is not clearly distinguished, please add to your report prior to submitting to the HDOHVFC Program

DDL MONITOR REMINDERS

REMINDERS

- DDLs should be utilized on each VFC storage unit and transport unit (emergency or non-emergency)
- VFC providers should only utilize **one** digital data logger system to prevent confusion.
 - Providers who opt to use the Berlinger for daily monitoring and other Bluetooth/wireless systems as a back up should know that if an excursion occurs on either system, follow up is required.
- All DDLs require Certificates of Calibration – typical calibration duration ~ 2 years
 - If your DDL is nearing its expiration date, reach out to your system manufacturer to request re-calibration
 - For providers who use the Berlinger FridgeTag DDL, please reach out to the HDOH VFC QA Team to inquire about replacement availability.
- Prior to purchase of a new DDL, VFC providers should clear the DDL with the HDOH VFC Program to ensure that it meets all necessary VFC Program requirements
- VFC providers should ensure that, at the very least, the primary and back-up VFC coordinators are well-trained in the temperature monitoring system.
 - However, it is a strong recommendation that **all** staff who store and handle VFC vaccine be trained in proper temperature monitoring protocols/procedures

REMINDERS (CONT.)

- DDL probes should be placed centrally within the VFC storage unit to ensure accurate vaccine temperature readings
- All DDL data, like other VFC-related documents, should be kept for a minimum of 3 years as per the VFC Program Record Retention Requirement

QUESTIONS?

- For HIR technical/login issues, please contact Registry Help Desk at 808-586-4665 or 1-888-447-1023 (toll-free). Or via e-mail: RegistryHelp@doh.hawaii.gov
- For general immunization questions, please call the Hawaii Immunization Branch at 808-286-8349
- For any VFC-related questions/concerns, feel free to contact any member of the HDOH VFC QA Team.

VFC Vaccine Orders		
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