TEMPERATURE REVIEW AND REPORTING V05.2022





Utah Department of Health & Human Services



Updated 10/04/2019

Min/Max Temperature Reporting

SENSO: Record Min/Max on manual temperature log. Please follow these instructions to get your min/max:

- Sign in to the SensoScientific Cloud website.
- Go to Reports.
- Select Monthly Report.
- Enter the Start Date: Date temperatures were last documented/recorded in your facility.
- Review the min and max data. If min/max is outside recommended range, excursion protocols should be completed.
- Record the current time, name/initials, lowest (min) and highest (max) temperatures reached on the manual temperature log for each unit.



INTERMOUNTAIN PROVIDERS and **U OF U PROVIDERS**:

• You should have received communication internally on how to meet this requirement.

If you have another data logger system or need more information on how to record the min/max information, please call the VFC Program (801) 538-9450 for additional assistance.

Senso Temperature Review

- Log into SensoScientific (<u>https://cloud.sensoscientific.com</u>) and generate a "**Monthly Report.**"
- Review Min/Max temps for current and previous days since last recorded temperature.
 - Out-of-range temperatures require additional action.
- Record current time, staff name/initials, and lowest (min) and highest (max) temp for each unit on manual temperature log.

			1	Mon	thly	Repo	rt				
Company Name:	UTAH D	UTAH DEPARTMENT OF HEALTH									
Company Address:	288 NOF	288 NORTH 1460 WEST, SALT LAKE CITY, Utah, 84116									
Node Selected:	All Node	All Nodes									
Start Date:	09/03/20	19									
Report Scope:	For One	Month		_	_	Da	ta Scope:	Da	ily		
Created By:	jegreen@	jegreen@utah.gov DateTime: 09/4/2019 7:54:36 AM (MDT)									
Name	Location	Туре	Unit		Avg	Max	From	I	То	beat rate	
UDOH ABS	Freezer	Temperature	C	-24.3	-24.0	-21.9	9/4/2019 12:0	9:45 AM	9/4/2019 11:46:31 PM	96	
UDOH ABS	Freezer	Temperatur	°C	-24.2	-24.0	-21.8	9/3/2019 2:0	0:20 AM	9/3/2019 11:54:42 PM	98	
UDOH Thermo 2	Fridge	Temperat re	°C	3.1	3.3	3.4	9/4/2019 12 0	00:55 AM	9/4/2019 11:50:48 PM	96	
UDOH Thermo 2	Fridge	Tempera ure	°C	3.1	3.3	3.4	9/3/2019 12:	1:22 AM	9/3/2019 11:45:52 PM	95	
UDOH Thermo 3	Fridge	Tempera ure	°C	3.5	5.3	22.5	9/4/2019 12:1	2:44 AM	9/4/2019 11:56:46 PM	99	
UDOH Thermo 3	Fridge	Tempera ire	°C	5.1	5.3	5.4	9/3/2019 12:	07:43 AM	9/3/2019 11:57:42 PM	96	
UDOH Thermo 1	Fridge	Temperation	°C	2.9	3.1	3.4	9/4/2019 17:0	05:17 AM	9/4/2019 11:55:07 PM	96	
UDOH Thermo 1	Fridge	Je du	°C	2.9	3.1	3.4	9/3/2019 12:0	00:51 AM	9/3/2019 11:50:15 PM	96	
UDOH Whirlpool	Fr	erature	2	33.1	-30.6	-25.0	9/4/2019 12:0	07:29 AM	9/4/2019 11:56:57 PM	96	
UDOH Whirlpool		emperature	°C	-33.1	-30.6	25.0	9/3/2019 12:0	02:41 AM	9/3/2019 11:52:27 PM	96	
UDOH The	_ge	Temperature	°C	4.4	4.5	4.7	9/4/2019 12:0	01:13 AM	9/4/2019 11:53:12 PM	97	
UPC	Fridge	Temperature	°C	4.4	4.5	4.7	9/3/2019 12:1	11:20 AM	9/3/2019 11:46:11 PM	95	

**Out-of-range Temperatures: Follow instructions located in the Out-of-Range Temps section of the manual temperature logs. Appropriate action is required. Documentation for all out-of-range temps must be submitted with temperature logs for vaccine orders. **

		Adv	vanced Report							
	Company Name:	UTAH DEPARTMENT OF	F HEALTH							
	Company Address:	288 NORTH 1460 WEST, SALT LAKE CITY, Utah, 84116								
	Node Selected:	UDOH Thermo 3	Report Type:	In and Out of Range						
	Start Date:	9/4/2019 8:05:00 AM	End Date:	9/6/2019	9/6/2019 8:05:00 AM					
	Report Scope:	Detailed (All records)								
	Created By:	Jennifer Green	DateTime:	09/06/201	19 8:05	5:57 AM (MDT)				
	Name	L ocation	Туре	Unit N	/alue	Date/Time				
	UDOH Thermo 3	Fridae	Temperature	°C	50	9/4/2019 11:08:41 AM				
	UDOH Thermo 3	Fridge		°C	5.0	9/4/2019 11:06:26 AN				
	UDOH Thermo 3	Fridge	Temperature	°C	8.2	9/4/2019 10:51:27 AN				
V	UDOH Thermo 3	Fridge	Temperature	°C 2	22.5	9/4/2019 10:36:11 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	<mark>5.4</mark>	9/4/2019 10:35:14 AN				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 10:29:39 AN				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 10:14:37 AN				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 9:59:34 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 9:44:31 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 9:29:24 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 9:14:21 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	5.3	9/4/2019 8:59:18 AM				
	UDOH Thermo 3	Fridge	Temperature	°C	5.2	9/4/2019 8:29:13 AM				

**Vaccine Storage Troubleshoot Record and Emergency Response Checklist are located on our website in VFC Forms. For additional assistance, please contact the Vaccine Management Team. **

Senso Advanced Report Temperature Review

- 1. Generate an "Advanced Report."
 - Start Date: Previous day temps were recorded.
 - End date: Current day and time.
 - Select "All Records."
- 2. Review and locate the temperature excursion.
 - Note: For multiple temperature excursions, each one needs to be documented and may require additional information.
- **3**. Calculate time from in-range temp to in-range temp. Time is cumulative.
- **4.** Fill out a *Vaccine Storage Troubleshoot Record* and include with manual temperature log.

Vaccine Storage Troubleshooting Record

Vaccine Storage Troubleshooting Record

Use this form to document any unacceptable vaccine storage event, such as temperatures outside recommended range.

-	VOMS

//S-American Fork

VFC Pin/USIIS ID: 123/224

Date & Time of Event If multiple, related events occur, see Description of Event below	Unit Information	Storage Uni at the time the pro	t Temperature blem was discovered	Person Completing Report at the time the problem was discovered		
Date: 09/05/2019	Unit Name: Thermo 3	Temp when discovered:	5.3	Name:	Sarah Tyler	
Time: 10:10AM	A Refrigerator D Freezer	Minimum temp: 3.5	Title: Return Specialist Date: 09/05/2011			

Description of Event (If multiple, related events occurred, list each date, time, and length of time out of storage.)

- 1. Enter your Facility Information:
 - Enter your Facility Name
 - Enter your VFC Pin / USIIS ID
- 2. Enter Information regarding temperature excursion:
 - Date & Time of Event was located.
 - Unit Information; Unit name and type of Unit (Refrigerator/Freezer).
 - Person Completing Report; Name, Title, Date form completed.

Vaccine Storage Troubleshooting Record (continued)

3. Enter Description of Event

- If multiple events occurred, list each date, time, and length of time out of range.
- Action Taken
- Document thoroughly. This information is critical to determining whether the vaccine might still be viable.

5. Results

What happened to the vaccine? Was it able to be used? If not, was it returned to the distributor? Description of Event (If multiple, related events occurred, list each date, time, and length of time out of storage.)
General description (i.e., what happened?)

Estimated length of time between event and last documented reading of storage temperature in acceptable range (36° to 46° F [2° to 8°C] for refrigerator, -58° to 5° F [-50° to -15°C] for freezer) Inventory of affected vaccines, including (1) lot #s and (2) whether purchased with public (for example, VFC) or private funds (Use separate sheet if needed, but maintain the inventory with this troubleshooting record)

Prior to this event, have there been any storage problems with this unit and/or with the affected vaccine?
 Include any other information you feel might be relevant to understanding the event.

On 09/04 a temperature spike occurred at 10:36AM followed by an out of range temp of 8.2 at 10:51AM. Temperatures returned to range at 11:06AM. Total potential excursion time was 31 minutes. No vaccine was in the unit so no additional action was necessary.

Action Taken (Document thoroughly. This information is critical to determining whether the vaccine might still be viable!)
 When were the affected vaccines placed in proper storage conditions? (Note: Do not discard the vaccine. Store exposed vaccine in proper conditions and label it "do not use" until after you can discuss with Utah Immunization Program and/or the manufacturer[s].)

Who was contacted regarding the incident? (List all: Supervisor, Utah Immunization Program, manufacturer[s] including Case Number.)
 IMPORTANT: What did you do to prevent a similar problem from occurring in the future?

No vaccine currently in the unit so no additional action taken.

What happened to the vaccine? Was it able to be used? If not, was it returned to the distributor? (Note: For public-purchase vaccine, complete Return & Transfer Form for accountability.)

Temperature spike and potential out of range temp that resulted in no vaccine loss.

**Please note: for public-purchased vaccine, complete a Return in the VOMS system for accountability for non-viable vaccine. **

Vaccine Storage Troubleshooting Record

Vaccine Storage Troubleshooting Record

Use this form to document any unacceptable vaccine storage event, such as temperatures outside recommended range.

VOMS-American Fork

VFC Pin/USIIS ID:

123/224

Date & Time of Event If multiple, related events occur, see Description of Event below.	Unit Information	Storage Uni at the time the pro	t Temperature blem was discovered		at the time the problem was discovered			
ate: 09/05/2019	Unit Name:, Thermo 3	Temp when discovered:	5.3	Name: S	Sarah Tyler			
me: 10:10AM	a Refrigerator D Freezer	Minimum temp: 3.5	Maximum temp: 22.5	Title: Retu	Irn Specialist	Date: 09/05/2019		
General description (i.e., v Estimated length of time to Inventory of affected vacce this troubleshooting recom Prior to this event, have to Include any other information	what happened?) between event and last documented re cines, including (1) lot #s and (2) wheth d) here been any storage problems with t tion you feel might be relevant to under	eading of storage temperature in acc ner purchased with public (for examp this unit and/or with the affected vacc erstanding the event.	eptable range (36° to 46°F [ole, VFC) or private funds (U: cine?	2° to 8°C] for refrig se separate sheet	gerator; -58° to 5°F [t if needed, but main!	-50° to -15°C] for freezer) ain the inventory with		
On 09/04 a tempe range at 11:06AN	erature spike occurred at 1 1. Total potential excursion	0:36AM followed by an ou time was 31 minutes. No	ut of range temp of 8 vaccine was in the	3.2 at 10:51A unit so no ac	AM. Temperatu	res returned to was necessary.		
ction Taken (Document When were the affected v can discuss with Utah Im Who was contacted rega IMPORTANT: What did v	thoroughly. This information is critical vaccines placed in proper storage com- munization Program and/or the manuf- rding the incident? (List all: Supervisor you do to prevent a similar problem from	I to determining whether the vaccine ditions? (Note: Do not discard the va acturer[s].) r, Utah Immunization Program, manu m occurring in the future?	e might still be viable!) accine. Store exposed vaccin ufacturer[s] including Case N	e in proper condit lumber.)	tions and label it "do	not use" until after you		
No vaccine curren	ntly in the unit so no additio	onal action taken.						
					-			
Results • What happened to the va	accine? Was it able to be used? If not,	was it returned to the distributor? (N	lote: For public-purchase vac	cine, complete Re	eturn & Transfer Forr	n for accountability.)		

	Cel	sius ((°C)	Temp	oeratu	r 1		FOR VFC	ORDER	MON	TH/YEAR:	September 2019	
	FACI	ILITY	NAMI	E:	VOMS-	AMERIC	LIN FOI	RK					
	UNIT	:	THE	RMO 3			·			VFC PI	V/USIIS ID:	123 / 224	-
			ANY	ТЕМРЕ	RATURI	ES OUTS	IDE MA	NUFACTU	RER RAN	GE MUST BE A	DDRESSED	AND REPORTED.	
						Please	submit A	Action Docu	mentation	with Temperatur	re Logs.		
				T	FRIDGI	E		FREEZ	ER			~~	9
				2 0 -	Range:	In Ranget		-15 0° C	In Range?	ACTION DOCUM	IENTATION	OUT OF RANGE TEMPS:	
	N:	Time	Staff Initials	Min	Max		M	in Max		Report, Plan of Action a Report are lo	nd Manufacturer ocated.	1. Store the vaccine	
0				CLOS	to	Y / N			Y / N	Senso Report	Troubleshoot	under proper conditions according to Vaccine	
2	1		1	CI	OSEI		Y / N			Y / N	Senso Rep	ort Troubleshoot	according to Vaccine
	2	- /					Y/N			Y / N	Senso Rep	oort Troubleshoot	Management Plan, as
	-	8.00	T		1	54	V/N	-		V / N	Senso Rep	oort Troubleshoot	quickly as possible an label "Do Not Use."
0	<u> </u>	0.00			.1	5.4			_	1 / IN 37 ()I	Other: Senso Rep	ort Troubleshoot	
2	\vdash	8:00	J	0 8	.1	5.4			_	Y/N	Other:	ort XTroubleshoot	2. Calculate time vacc was out of range from
	5	10:10	0 S	Г 3	.5	22.5	YAN	4	_	Y / N	X Other: *S	pike	the last recorded in ra
	6	8:40	S	Г 5	5.2	5.4	Y/N			Y / N	Other:	fort I roubleshoot	temperature until the
	9 10	8:40	ST	5.0	5.4	W/N		-	Y/N	Other: Senso Report	Troubleshoot	Response Worksheet for	
	11	8:45	ST	4.5	5.4	V/N		+	Y/N	Senso Report	Troubleshoot	auditorial into matori.	
	12	8:40	ST	4.5	4.8	V/N		-	Y / N	Senso Report	Troubleshoot	3. Call vaccine manufacturers to	
	13	8:40	ST	4.5	4.8	Y/N	-	+	Y / N	Senso Report	Troubleshoot	determine vaccine viability.	
	14			CLOS	ED	Y / N			Y / N	Senso Report	Troubleshoot	4 For VEC Providers	
	15					Y / N			Y / N	Senso Report Other:	Troubleshoot	notify the Utah	
	16	8:05	JO	4.6	4.9	y / N			Y / N	Senso Report Other:	Troubleshoot	at (801) 538-9450.	
	17	8:15	JO	4.6	4.9	y / N			Y / N	Senso Report Other:	Troubleshoot	5. Document incident,	
	18	8:00	JO	4.6	4.9	Y/N			Y / N	Senso Report Other:	Troubleshoot	time, actions and manufacturer report	
	19	8:00	JO	4.6	4.9	y /N			Y / N	Other:	Troubleshoot	indicating where they	
	20					() / N			Y / N	Other:	Troubleshoot	can be found under "Action	
	21			CLOS	ED	Y / N			Y / N	Senso Report Other:	Troubleshoot	ACTION	
	22					Y / N			Y / N	Senso Report Other:	Troubleshoot	If temperature is out-of-	
	23	8:20	JO	4.6	4.9	y / N			Y / N	Senso Report Other:	Troubleshoot	range, designate where actions documentation is	0
	24	8:00	JO	4.6	4.9	Y/N		_	Y / N	Other:	Troubleshoot	located. Action must be	3
	25	8:00	JO	4.6	4.9	Y/N		_	Y / N	Other:	Troubleshoot	aocumentea.	
	26	8:05	JO	4.6	4.9	Y/N		_	Y / N	Other: Senso Report	Troubleshoot	Excursions are cumulative and should be reported to	
	27	8:05	KD	4.6	4.9	V /N		_	Y / N	Other: Senso Report	Troubleshoot	manufacturers when calling about viability	
	28			CLOS	ED	Y/N			Y/N	Other: Senso Report	Troubleshoot	D a c d D	
	29	9.05	10	16	4.9	Y/N			Y/N	Other: Senso Report	Troubleshoot	Refer to the Emergency Response Worksheet to	
	30	8:05	10	4.0	4.8	V / N			I / N	Other: Senso Report	Troubleshoot	determine what steps to take next.	
						I / N			1 / N	Other:		Carlo Horac	

Instructions: Please use black or blue ink only. For each unit, write the maximum and minimum temperatures reached since the last clinic day when the temperatures were reset in the appropriate box that corresponds with the day of the month for your temperature check. Enter your initials and the time you monitored the temperature in the appropriate boxes. Temperatures should be recorded at beginning of each clinic day. If office is closed, designate on log. For systems that require a manual reset, this should be done by clinic staff after recording min/max temperatures each morning. For systems that automatically reset, clinic staff may need to assess temperatures spanning multiple days within data logger systems.

Temp Log Fahrenheit 2/18

Manual Temperature Log

Indicate "FOR VFC ORDER" on the logs.
 Avoid misses & delays by providing the required information—Facility Name, VFC
 PIN/USIIS ID, unit name, date, time, recorder's initials, & min/max
 temperatures—1x daily.

- Out-of-range temperatures require additional information to be included with the manual temperature log.
- ✓ If temps were not taken on a business day you must indicate the reason why.
- **3.** Email (<u>vacteam@utah.gov</u>) your last 30 days of temperature logs to the VFC Program.
 - It is good business practice to send current and previous month to ensure 30 days have been submitted.





******Training's and PDF documents can be found by visiting the UDOH Immunization Program <u>VFC Forms</u> page. ******



https://www.bask.com/wp-content/up/ords/2012/04/computer-running-slow-picture2.jpg

 $http://sleepsolutionsus.com/wp-content/uploads/2015/02/Women-in-black-blouse-Question-Mark-e1424352397536-300x241.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/54592E651337D2/87E/CBED6/Rqd9_iV036Uv2sNZ68Ensw/Computer-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E651337D2/87E/CBED6/Rqd9_iV036Uv2sNZ68Ensw/Computer-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E651337D2/87E/CBED6/Rqd9_iV036Uv2sNZ68Ensw/Computer-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E651337D2/87E/CBED6/Rqd9_iV036Uv2sNZ68Ensw/Computer-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E651837D2/87E/CBED6/Rqd9_iV036Uv2sNZ68Ensw/Computer-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E65184Firmater-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E65184Firmater-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E65184Firmater-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s4592E65184Firmater-frustrated-woman.jpg \\ http://d1zlh37f1ep3tj.cloudfront.net/wp/wblob/s459E0Firm$