

CTSU Lab Room Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

111768301191108 (-80 Freezer Delp)

Refrigerator or Freezer ID/Location:
CTSU RAINBOW

Month 12 Decemb
er Year 2024 Threshold: 4 hours

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments	
Mon	12/2/2024	0745	-79	-79	-80	PL	
Tue	12/3/2024	0741	-79	-79	-80	PL	
Wed	12/4/2024	0740	-79	-79	-79	PL	
Thu	12/5/2024	0545	-80	-80	-80	MW	
Fri	12/6/2024	0810	-79	-77	-80	PL	
Mon	12/9/2024	0739	-80	-79	-80	MW	
	12/10/2024	0810	-80	-79	-80	PL	
Wed	12/11/2024	0858	-80	-79	-80	PL	
Thu	12/12/2024	0610	-80	-79	-80	MW	
Fri	12/13/2024	0930	-79	-72	-80	DH	
Mon	12/16/2024	0836	-80	-79	-80	PL	
Tue	12/17/2024	0804	-80	-79	-80	PL	
Wed	12/18/2024	0749	-80	-77	-80	PL	
Thu	12/19/2024	0930	-80	-78	-80	DH	
Fri	12/20/2024	0754	-79	-79	-79	MW	
Mon	12/23/2024	0815	-79	-79	-80	MW	
Tue	12/24/2024				MW	Closed for the holiday	
Wed	12/25/2024	I	I	I	MW	Closed for Winter Break	
Thu	12/26/2024	I	I	I	I		
Fri	12/27/2024	I	I	I	I		
Mon	12/30/2024	I	I	I	I		
Tue	12/31/2024	I	I	I	I		
Wed	1/1/2025	I	I	I	I		

Key: * Heavy usage

CTSU Lab Room Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

111768301191108 (-80 Freezer Delp)

Refrigerator or Freezer ID/Location:
CTSU RAINBOW

Month 11 November Year 2024 Threshold: 4 hours

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
Fri 11/1/2024	0800	-80	-77	-80	MW	
Mon 11/4/2024	0746	-80	-79	-80	PL	
Tue 11/5/2024	0601	-79	-79	-81	MW	
Wed 11/6/2024	0640	-80	-79	-80	m	
Thu 11/7/2024	0800	-79	-78	-79	OH	
Fri 11/8/2024	0800	-80	-78	-80		
Mon 11/11/2024	_____					Closed
Tue 11/12/2024	0601	-80	-78	-80	MW	
Wed 11/13/2024	0601	-80	-78	-80	MW	
Thu 11/14/2024	0900	-79	-79	-80	MW	
Fri 11/15/2024	0900	-79	-78	-80	PL	
Mon 11/18/2024	0900	-79	-78	-80	PL	
Tue 11/19/2024	0750	-80	-79	-80	PL	
Wed 11/20/2024	0749	-80	-79	-80	PL	
Thu 11/21/2024	0622	-79	-79	-80	MW	
Fri 11/22/2024	0739	-80	-79	-80	PL	
Mon 11/25/2024	0744	-79	-79	-80	PL	
Tue 11/26/2024	0744	-80	-78	-80	PL	
Wed 11/27/2024	1400	-79	-78	-79	OH	
Thu 11/28/2024	Thanksgiving _____					
Fri 11/29/2024	OFF _____					
Mon 12/2/2024	0745	-79	-79	-80	PL	
Tue 12/3/2024						

Key: * Heavy usage

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Month **10** **October** Year **2024** Threshold: **4 hours**

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments	
Tue	10/1/2024	0614	-80	-79	-80	MW	
Wed	10/2/2024	0736	-79	-79	-80	MW	
Thu	10/3/2024	0732	-79	-77	-80	MW	
Fri	10/4/2024	0950	-79	-79	-80	MW	
Mon	10/7/2024	0745	-79	-79	-80	PL	
Tue	10/8/2024	0742	-80	-79	-80	PL	
	10/9/2024	0740	-79	-79	-80	MW	
Thu	10/10/2024	0945	-79	-79	-80	MW	
Fri	10/11/2024	0812	-80	-79	-80	MW	
Mon	10/14/2024	0738	-79	-79	-80	PL	
Tue	10/15/2024	0800	-80	-78	-80	PL	
Wed	10/16/2024	0619	-80	-79	-80	MW	
Thu	10/17/2024	0751	-80	-79	-80	MW	
Fri	10/18/2024	0800	-80	-79	-80	MW	
Mon	10/21/2024	0750	-79	-79	-80	MW	
Tue	10/22/2024	0720	-80	-77	-80	MW	
Wed	10/23/2024	0750	-80	-77	-80	PL	
Thu	10/24/2024	0730	-80	-78	-80	MW	
Fri	10/25/2024	1400	-80	-79	-80	OH	
Mon	10/28/2024	0755	-80	-79	-80	PL	
Tue	10/29/2024	1000	-80	-79	-80	MW	
Wed	10/30/2024	0716	-80	-79	-80	K	
Thu	10/31/2024	0730	-79	-79	-80	MW	

Key: * Heavy usage

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Refrigerator or Freezer ID/Location:
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Month 9 September Year 2024 Threshold: 4 hours

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
Mon 9/2/2024	0805	-80	-80	-80	PL	Holiday
Tue 9/3/2024	0805	-80	-80	-80	PL	
Wed 9/4/2024	0822	-80	-79	-80	PL	
Thu 9/5/2024	0913	-80	-79	-80	MW	
Fri 9/6/2024	0805	-80	-79	-80	MW	
Mon 9/9/2024	0756	-80	-80	-80	PL	
9/10/2024	0840	-80	-77	-80	MW	
Wed 9/11/2024	0713	-80	-79	-80	MW	
Thu 9/12/2024	0730	-80	-79	-80	MW	
Fri 9/13/2024	0752	-80	-79	-80	MW	
Mon 9/16/2024	0758	-80	-79	-80	PL	
Tue 9/17/2024	0800	-80	-79	-80	PL	
Wed 9/18/2024	0750	-80	-79	-80	PL	
Thu 9/19/2024	0725	-80	-78	-80	MW	
Fri 9/20/2024	1000	-80	-79	-80	DH	
Mon 9/23/2024	0750	-80	-79	-80	RE	
Tue 9/24/2024	0750	-80	-79	-80	PL	
Wed 9/25/2024	0707	-80	-79	-80	MW	
Thu 9/26/2024	0738	-79	-79	-80	MW	
Fri 9/27/2024	0850	-80	-79	-80	DH	
Mon 9/30/2024	0815	-79	-79	-80	MW	
Tue 10/1/2024						
Wed 10/2/2024						

Key: * Heavy usage

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Refrigerator or Freezer ID/Location:
CTSU RAINBOW

Month **8** August Year **2024** Threshold: **4 hours**

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments	
Thu	8/1/2024	0600	-80	-80	-80	MW	
Fri	8/2/2024	1100	-80	-79	-80	MW	
Mon	8/5/2024	0800	-80	-79	-80	PL	
Tue	8/6/2024	0830	-80	-79	-80	PL	
Wed	8/7/2024	0850	-80	-79	-80	PL	
Thu	8/8/2024	0850	-80	-79	-80	PL	
	8/9/2024	0800	-80	-78	-80	PL	
Mon	8/12/2024	0830*	-80	-77	-80	PL	
Tue	8/13/2024	0810	-80	-79	-80	PL	
Wed	8/14/2024	0800	-80	-78	-80	MW	
Thu	8/15/2024	0800	-80	-80	-80	MW	
Fri	8/16/2024	0800	-80	-80	-80	MW	
Mon	8/19/2024	0747	-80	-80	-80	MW	
Tue	8/20/2024	0800*	-80	-79	-80	PL	
Wed	8/21/2024	0817	-80	-79	-80	PL	
Thu	8/22/2024	0758	-80	-80	-80	MW	
Fri	8/23/2024	0802	-80	-79	-80	MW	
Mon	8/26/2024	0755	-80	-79	-80	PL	
Tue	8/27/2024	0804	-80	-77	-80	PL	
Wed	8/28/2024	0801	-80	-79	-80	PL	
Thu	8/29/2024	0751	-80	-79	-80	MW	
Fri	8/30/2024	0700	-79	-79	-80	MW	
Mon	9/2/2024						

Key: * Heavy usage

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Month 7 July Year 2024 Threshold: 4 hours

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
Mon 7/1/2024	0800	-80	-80	-80	MW	
Tue 7/2/2024	0800	-80	-80	-80	MW	
Wed 7/3/2024	0608	-79	-77	-80	MW	
Thu 7/4/2024	Holiday					
Fri 7/5/2024	0830	-80	-79	-80	ZDH	
Mon 7/8/2024	0743	-79	-79	-80	MW	
7/9/2024	0823	-80	-80	-80	MW	
Wed 7/10/2024	0610	-79	-79	-80	MW	
Thu 7/11/2024	0707	-80	-70	-80	MW	
Fri 7/12/2024	0802	-80	-79	-81	PL	
Mon 7/15/2024	0801	-79	-79	-80	PL	
Tue 7/16/2024	0803	-79	-79	-80	PL	
Wed 7/17/2024	0804	-80	-79	-80	PL	
Thu 7/18/2024	0803	-80	-79	-80	PL	
Fri 7/19/2024	0803	-80	-78	-80	PL	
Mon 7/22/2024	0758	-80	-79	-80	PL	
Tue 7/23/2024	0848	-80	-79	-81	MW	
Wed 7/24/2024	0608	-80	-78	-80	MW	
Thu 7/25/2024	0800	-79	-78	-80	Ben	
Fri 7/26/2024	0806	-80	-78	-80	MW	
Mon 7/29/2024	0810	-79	-79	-80	MW	
Tue 7/30/2024	0655	-80	-81	-80	MW	
Wed 7/31/2024	0728	-80	-75	-80	MW	

Key: * Heavy usage

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Month **6** June Year **2024** Threshold: **4 hours**

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments	
Mon	6/3/2024	0815	-80	-78	-81	MW	
Tue	6/4/2024	0812	-81	-79	-81	PL	
Wed	6/5/2024	0807	-80	-79	-81	PL	
Thu	6/6/2024	0608	-80	-79	-81	MW	
Fri	6/7/2024	0828	-80	-79	-80	MW	
Mon	6/10/2024	0808	-80	-80	-80	PL	
Tue	6/11/2024	0756	-80	-79	-80	~	
Wed	6/12/2024	0715	-79	-67	-80	JH	
Thu	6/13/2024	0600	-79	-64	-80	W	
Fri	6/14/2024	1141	-79	-64	-80	W	
Mon	6/17/2024	0812	-80	-77	-80	PL	
Tue	6/18/2024	0752	-80	-77	-80	MW	
Wed	6/19/2024	0804	-80	-80	-80	PL	Closed
Thu	6/20/2024	0804	-80	-80	-80	MW	
Fri	6/21/2024	0811	-80	-80	-80	MW	
Mon	6/24/2024	0808	-79	-78	-80	MW	
Tue	6/25/2024	0803	-79	-79	-80	PL	
Wed	6/26/2024	0730	-80	-80	-80	MW	
Thu	6/27/2024	0611	-80	-80	-80	MW	
Fri	6/28/2024	0710	-80	-80	-80	MW	
Mon	7/1/2024						
Tue	7/2/2024						
Wed	7/3/2024						

Key: * Heavy usage

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Refrigerator or Freezer ID/Location:
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Month **5** May Year **2024** Threshold: **4 hours**

Document the details of any temperature excursion in comments below. Alert study team if excursion exceeds threshold.

Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments	
Wed	5/1/2024	0747	-80	-79	-81	MW	
Thu	5/2/2024	0815	-80	-79	-81	W	
Fri	5/3/2024	0810	-80	-79	-80	PL	
Mon	5/6/2024	0810	-80	-79	-80	PL	
Tue	5/7/2024	0935	-80	-77	-80	PL	
Wed	5/8/2024	0807	-80	-75	-80	MW	
Thu	5/9/2024	0800	-80	-80	-80	W	
Fri	5/10/2024	0815	-80	-80	-80	W	
Mon	5/13/2024	0817	-80	-79	-81	W	
Tue	5/14/2024	0821	-80	-79	-80	PL	
Wed	5/15/2024	0906	-80	-79	-81	MW	
Thu	5/16/2024	0828	-80	-79	-81	W	
Fri	5/17/2024	0720	-80	-79	-81	W	
Mon	5/20/2024	0744	-80	-79	-81	W	
Tue	5/21/2024	0805	-80	-79	-81	W	
Wed	5/22/2024	0730	-80	-77	-81	W	
Thu	5/23/2024	0824	-80	-77	-81	PL	
Fri	5/24/2024						
Mon	5/27/2024	-----					Closed
Tue	5/28/2024	0733	-80	-79	-81	MW	
Wed	5/29/2024	0818	-80	-77	-81	PL	
Thu	5/30/2024	0724	-80	-78	-80	MW	
Fri	5/31/2024	0724	-80	-78	-80	W	

Key: * Heavy usage

CTSU LAB -8o FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **April**

Year

2024

Refrigerator ID/Location: DELP G040

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Mon	4/1/2024	0750	-81	-79	-81	OH	
Tue	4/2/2024	0808	-80	-79	-81	PL	
Wed	4/3/2024	0824	-80	-79	-81	w	
Thu	4/4/2024	0751	-80	-79	-81	w	
Fri	4/5/2024	0748	-80	-80	-81	w	
Mon	4/8/2024	0825	-80	-79	-81	mw	
	4/9/2024	0752	-80	-79	-81	w	
Wed	4/10/2024	0735	-80	-79	-80	w	
Thu	4/11/2024	0810	-80	-79	-80	OH	
Fri	4/12/2024	0850	-80	-79	-80	OH	
Mon	4/15/2024	0812	-80	-77	-80	PL	
Tue	4/16/2024	0923	-80	-79	-80	PL	
Wed	4/17/2024	0801	-79	-81	-81	w	
Thu	4/18/2024	0837	-80	-80	-80	PL	
Fri	4/19/2024	0741	-80	-79	-81	mw	
Mon	4/22/2024	0852	-80	-79	-81	mw	
Tue	4/23/2024	0806	-80	-79	-81	w	
Wed	4/24/2024	0731	-79	-79	-81	w	
Thu	4/25/2024	0739	-79	-79	-81	w	
Fri	4/26/2024	0728	-80	-77	-81	w	
Mon	4/29/2024	0744	-80	-80	-81	w	
Tue	4/30/2024	0603	-80	-79	-81	w	

CTSU LAB -8o FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **March**

Year

2024

Refrigerator ID/Location: DELP G040

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Fri	3/1/2024	0850	-81	-79	-81	MW	
Mon	3/4/2024	0800	-80	-79	-81	PL	
Tue	3/5/2024	0850	-81	-69	-81	DH	
Wed	3/6/2024	1208	-72	-60	-81	PL	
Thu	3/7/2024	039	-78.7	-60	-81	DH	
Fri	3/8/2024	1000	-78.7	-78	-81	DH	
Mon	3/11/2024	0829	-80	-78	-81	MW	
Tue	3/12/2024	0805	-81	-81	-81	PL	
Wed	3/13/2024	0800	-81	-81	-81	PL	
Thu	3/14/2024	0837	-80	-79	-81	PL	
Fri	3/15/2024	0843	-80	-79	-81	MW	
Mon	3/18/2024	0801	-80	-79	-81	PL	
Tue	3/19/2024	0800	-80	-79	-81	PL	
Wed	3/20/2024	0810	-80	-79	-80	PL	
Thu	3/21/2024	0752	-80	-79	-80	MW	
Fri	3/22/2024	0737	-80	-77	-81	MW	
Mon	3/25/2024	0752	-80	-80	-81	MW	
Tue	3/26/2024	0805	-80	-80	-80	PL	
Wed	3/27/2024	0730	-80	-79	-81	MW	
Thu	3/28/2024	0811	-80	-79	-81	PL	
Fri	3/29/2024	1003	-80	-79	-81	MW	

CTSU Lab -8o FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **February**

Year **2024**

Refrigerator Name/
Location/Serial #/ID

Delp G040

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Name/Initials	Comments
Thu	2/1/2024	0624	-80	-78	-80	yg/mw	
Fri	2/2/2024	0828	-80	-79	-80	yg/mw	
Mon	2/5/2024	0835	-80	-79	-80	PL/K	
Tue	2/6/2024	0748	-80	-79	-80	mw/yg	
Wed	2/7/2024	0803	-80	-79	-80	yg/K	
Thu	2/8/2024	0758	-80	-80	-80	yg/mw	
	2/9/2024	0828	-80	-79	-80	mw/	
Mon	2/12/2024	0758	-80	-79	-80	mw/yg	
Tue	2/13/2024	0800	-79	-59	-80	yg/mw	
Wed	2/14/2024	0925	-80	-80	-80	mw/28	
Thu	2/15/2024	0624	-80	-71	-80	mw/yg	
Fri	2/16/2024	0827	-81	-79	-81	mw/yg	
Mon	2/19/2024	0809	-80	-79	-81	mw/yg	
Tue	2/20/2024	0747	-79	-77	-81	PL/K	
Wed	2/21/2024	0800	-79	-79	-81	PL/K	
Thu	2/22/2024	0815	-79	-78	-81	DH/DH	
Fri	2/23/2024	0827	-79	-78	-81	mw/yg	
Mon	2/26/2024	0750	-81	-79	-81	PL/K	
Tue	2/27/2024	0619	-80	-79	-81	mw/yg	
Wed	2/28/2024	0800	-80	-79	-81	PL/K	
Thu	2/29/2024	0620	-80	-74	-81	mw/yg	

CTSU Lab -8o FREEZER Min/Max Temperature Log

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Month **January**

Year **2024**

Refrigerator Name/
Location/Serial #/ID DelpG040

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Name/Initials	Comments	
Tue	1/2/2024	0740	-80	-80	-80	yz/mw		
Wed	1/3/2024	0740	-80	-80	-80	yz/mw		
Thu	1/4/2024	0628	-80	-80	-80	yz/mw		
Fri	1/5/2024	0737	-80	-77	-80	yz/mw		
Mon	1/8/2024	0738	-80	-79	-80	yz/mw		
Tue	1/9/2024	<hr/>						Closed due to weather
	1/10/2024	0731	-80	-80	-80	yz/mw		
Thu	1/11/2024	0737	-80	-80	-80	yz/mw		
Fri	1/12/2024	0721	-80	-80	-80	yz/mw		
Mon	1/15/2024	<hr/>						Closed Holiday
Tue	1/16/2024	1000	-80	-79	-80	yz/mw		
Wed	1/17/2024	0820	-80	-79	-80	yz/mw		
Thu	1/18/2024	0750	-80	-78	-80	yz/mw		
Fri	1/19/2024	0826	-80	-79	-80	yz/mw		
Mon	1/22/2024	0827	-80	-79	-80	yz/mw		
Tue	1/23/2024	0740	-80	-72	-80	yz/mw		
Wed	1/24/2024	0738	-80	-79	-80	yz/mw		
Thu	1/25/2024	0816	-80	-79	-80	yz/mw		
Fri	1/26/2024	0826	-80	-78	-80	yz/mw		
Mon	1/29/2024	0803	-80	-79	-80	yz/mw		
Tue	1/30/2024	0624	-80	-79	-80	yz/mw		
	1/31/2024	0746	-80	-79	-80	yz/mw		