

# CTSU Lab Room Freezer Min/Max Temperature Log

**Maintain temperature between -20°C to -30°C**

-20 Aegis Freezer - Sudler  
0820872-38728

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	0947	-23.7	-25.2	-15.6	mw	
Tue 12/3/2024	0945	-23.1	-24.7	-15.6	PL	
Wed 12/4/2024	0758	-16.1	-24.7	-13.9	PL	
Thu 12/5/2024	0530	-21.6	-24.7	-21.7	MW	
Fri 12/6/2024	0800	-22.2	-23.6	-15.1	PL	
Mon 12/9/2024	0744	-21	-24.3	-13.5	PL	
Tue 12/10/2024	1036	-19.0	-24.3	-13.5	PL	
Wed 12/11/2024	0900	-21.3	-24.3	-13.5	DH	heavy usage
Thu 12/12/2024	0540	-17.1	-23.8	-16.9	MW	
Fri 12/13/2024	0820	-18.4	-24.8	-10.7	DH	Heavy usage
Mon 12/16/2024	0840	-21.2	-26.2	-10.7	PL	
Tue 12/17/2024	0813	-17.2	-26.2	-10.7	PL	
Wed 12/18/2024	1216	-16.6	-26.2	-10.7	PL	
Thu 12/19/2024	1640	-24.8	-26.2	-10.7	DH	Heavy usage
Fri 12/20/2024	1020	-18.7	-25.3	-15.8	MW	
Mon 12/23/2024	0830	-20.1	-23.4	-15.6	MW	
Tue 12/24/2024					mw	Closed for the holiday
Wed 12/25/2024					mw	Closed for winter break
Thu 12/26/2024						
Fri 12/27/2024						
Mon 12/30/2024						
Tue 12/31/2024						
Wed 1/1/2025						

Key: \* Heavy usage



# CTSU Lab Room Freezer Min/Max Temperature Log

**Maintain temperature between -20°C to -30°C**

-20 Aegis Freezer - Sudler  
0820872-38728

Refrigerator or Freezer ID/Location:  
CTSU RAINBOW

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	0600	-20.1	-27.1	-18.6	MW	
Wed	10/2/2024	0720	-24.5	-26.6	-18.6	MW	
Thu	10/3/2024	0740	-24.5	-26.6	-18.6	MW	
Fri	10/4/2024	0815	-23.4	-26.5	-19	MW	
Mon	10/7/2024	0750	-26.2	-26.5	-19	MW	
Tue	10/8/2024	0755	-23.0	-26.4	-19.1	PL	
	10/9/2024	0933	-25.9	-26.6	-18.9	PL	
Thu	10/10/2024	0736	-25.9	-26.6	-18.9	MW	
Fri	10/11/2024	1402	-26.2	-26.3	-18.9	MW	
Mon	10/14/2024	0800	-25.6	-26.2	-18.8	PL	
Tue	10/15/2024	1000	-26.1	-26.4	-18.8	PL	
Wed	10/16/2024	0630	-23.5	-26.4	-18.8	MW	
Thu	10/17/2024	0726	-24.1	-26.4	-18.8	MW	
Fri	10/18/2024	0915	-25.3	-26.0	-18.6	JH	
Mon	10/21/2024	0905	-26.1	-26.0	-18.4	JH	
Tue	10/22/2024	0900	-26.2	-26.6	-18.2	JH	
Wed	10/23/2024	0606	-22.9	-26.6	-18.2	MW	
Thu	10/24/2024	1411	-22.9	-26.5	-18.6	MW	
Fri	10/25/2024	0611	-22.9	-26.4	-18.6	MW	
Mon	10/28/2024	0808	-20.7	-26.3	-18.5	PL	
Tue	10/29/2024	0720	-18.5	-26.3	-18.4	MW	
Wed	10/30/2024	0620	-26	-26.2	-18.4	MW	
Thu	10/31/2024	0746	-24.2	-26.2	-18.4	MW	

Key: \* Heavy usage

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-20 Aegis Freezer - Sudler  
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 Refrigerator or Freezer ID/Location:  
 CTSU RAINBOW

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	0744	-25.5	-26.5	-18.8	MW	Holiday
Tue 9/3/2024	0744	-19.2	-25.5	-19.1	PL	
Wed 9/4/2024	0924	-26.5	-26.5	-18.6	PL	
Thu 9/5/2024	0710	-22.7	-26.6	-18.4	MW	
Fri 9/6/2024	0720	-20.1	-26.2	-18.4	MW	
Mon 9/9/2024	0842	-20.9	-26.3	-18.4	PL	
9/10/2024	0729	-25.4	-26.4	-18.4	MW	
Wed 9/11/2024	0743	-25.1	-26.5	-18.5	MW	
Thu 9/12/2024	0743	-25.1	-26.5	-18.5	MW	
Fri 9/13/2024	0912	-26.2	-26.5	-18.6	PL	
Mon 9/16/2024	0814	-18.7	-26.5	-18.5	PL	
Tue 9/17/2024	0630	-25.8	-26.5	-18.6	MW	
Wed 9/18/2024	0800	-19.8	-26.5	-18.6	PL	
Thu 9/19/2024	0800	-25.6	-26.7	-18.6	MW	
Fri 9/20/2024	1000	-21.3	-26.7	-18.7	DH	
Mon 9/23/2024	0903	-26.0	-26.7	-18.7	PL	
Tue 9/24/2024	0724	-26	-26.7	-18.7	MW	
Wed 9/25/2024	0712	-22.8	-26.7	-18.7	MW	
Thu 9/26/2024	0745	-19.1	-26.6	-18.7	MW	
Fri 9/27/2024	0840	-20.5	-26.6	-18.7	DH	
Mon 9/30/2024	0730	-22.6	-26.6	-18.7	MW	
Tue 10/1/2024						
Wed 10/2/2024						

Key: \* Heavy usage



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0820872-38728

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	0551	-24.9	-26.7	-18.6	MW	
Fri	8/2/2024	1035	-24.2	-26.6	-18.4	MW	
Mon	8/5/2024	0745	-19.1	-26.4	-17.8	DH	
Tue	8/6/2024	0810	-26.1	-26.3	-18.5	DH	
Wed	8/7/2024	0850	-21.1	-26.6	-18.4	PL	
	8/8/2024	1000	-19.5	-26.7	-18.3	DH	
	8/9/2024	0808	-21.1	-26.7	-18.3	PL	
Mon	8/12/2024	0850	-20.9	-26.8	-18.3	PL	
Tue	8/13/2024	0950	-26.9	-27.0	-18.3	PL	
Wed	8/14/2024	0821	-23.5	-27.0	-18.3	MW	
Thu	8/15/2024	0721	-22.2	-28.6	-18.8	MW	
Fri	8/16/2024	0727	-20.8	-24.4	-18.8	MW	
Mon	8/19/2024	1046	-19.5	-26.7	-19.0	PL	
Tue	8/20/2024	1046	-19.5	-26.7	-19.0	PL	
Wed	8/21/2024	0620	-21.5	-26.9	-19	MW	
Thu	8/22/2024	0740	-20.4	-26.8	-19	MW	
Fri	8/23/2024	0737	-20.4	-26.8	-19	MW	
Mon	8/26/2024	0804	-22.1	-26.7	-18.9	PL	
Tue	8/27/2024	0804	-22.1	-26.7	-18.9	PL	
Wed	8/28/2024	0833	-19.4	-26.7	-18.9	PL	
Thu	8/29/2024	0742	-25.2	-26.7	-18.9	MW	
Fri	8/30/2024	0744	-25.0	-26.5	-18.8	MW	
Mon	9/2/2024						

Key: \* Heavy usage



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 Refrigerator or Freezer ID/Location:  
 CTSU RAINBOW

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	0755	-24.0	-27.1	-18.3	MW	
Tue	6/4/2024	0949	-23.1	-27.1	-18.3	PL	
Wed	6/5/2024	0950	-22.2	-27.1	-18.3	W	
Thu	6/6/2024	0618	-21.2	-27.1	-18.2	W	
Fri	6/7/2024	0846	-21.1	-27.1	-17.1	PL	
Mon	6/10/2024	0738	-26.6	-27.1	-26.6	W	
Tue	6/11/2024	0855	-20.1	-26.9	19.6	PL	
Wed	6/12/2024	0715	-20.1	-26.9	19.6	W	
Thu	6/13/2024	0715	-20.1	-26.9	19.6	W	
Fri	6/14/2024	0711	-20.1	-26.9	19.4	W	
Mon	6/17/2024	0733	-24.3	-26.9	-19.6	W	
Tue	6/18/2024	0735	-26.6	-26.9	-19.9	MW	
Wed	6/19/2024	0858	-24.1	-26.8	-19.8	PL	
Thu	6/20/2024	0711	-26.6	-27.1	-19.8	MW	
Fri	6/21/2024	0720	-26.6	-27.1	-19.8	MW	
Mon	6/24/2024	0737	-26.6	-27.1	-19.8	MW	
Tue	6/25/2024	0860	-26.8	-27.1	-20	BH	
Wed	6/26/2024	0840	-26.6	-27.1	-20	BH	
Thu	6/27/2024	0900	-27.1	-27.1	-20	BH	
Fri	6/28/2024	0746	-23	-27.4	-20	M	
Mon	7/1/2024						
Tue	7/2/2024						
Wed	7/3/2024						

Key: \* Heavy usage





# CTSU LAB -20 FREEZER Min/Max Temperature Log

*Maintain temperature between -18°C to -30°C*

Month **April**

Year

2024

Refrigerator ID/Location: SUDLER 2012E

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Mon	4/1/2024	0800	-20.4	-26.7	-17.9	DH	
Tue	4/2/2024	0807	-25.0	-26.7	-17.7	w	
Wed	4/3/2024	0849	-24.6	-26.7	-17.1	w	
Thu	4/4/2024	0815	-24.6	-26.7	-17.1	w	
Fri	4/5/2024	0826	-24.6	-26.7	-17.8	w	
Mon	4/8/2024	0816	-20.1	-27.4	-17.4	w	
	4/9/2024	0800	-19.1	-26.1	-17.7	w	
Wed	4/10/2024	0810	-25.7	-26.7	-17.8	w	
Thu	4/11/2024	1006	-25.7	-26.7	-17.9	w	
Fri	4/12/2024	0711	-26.6	-26.7	-17.8	w	
Mon	4/15/2024	0724	-26.5	-26.7	-17.3	w	
Tue	4/16/2024	0933	-26.0	-26.7	-18.0	PL	
Wed	4/17/2024	0754	-24.5	-27.5	-18.9	w	
Thu	4/18/2024	0716	-24.5	-26.7	-17.1	w	
Fri	4/19/2024	0730	-24.5	-26.7	-17.1	w	
Mon	4/22/2024	0730	-24.5	-26.7	-17.1	w	
Tue	4/23/2024	12 22	-18.0	-27.2	-18.7	PL	
Wed	4/24/2024	0720	-18.6	-27.2	-18.7	w	
Thu	4/25/2024	0708	-25.6	-26.7	-17.2	w	
Fri	4/26/2024	0735	-20.9	-26.4	-18.7	w	
Mon	4/29/2024	0710	-26.2	-27.1	-18.8	w	
Tue	4/30/2024	0620	-21.1	-26.1	-20.4	w	

# CTSU LAB -20 FREEZER Min/Max Temperature Log

*Maintain temperature between -18°C to -30°C*

Month **March**

Year

2024

Refrigerator ID/Location: **SUDLER 2012E**

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Fri	3/1/2024	0845	-20.6	-26	-17.4	PL	
Mon	3/4/2024	0842	-24.5	-27.9	-16.1	PL	
Tue	3/5/2024	1400	-23.6	-27.9	-16.1	PL	
Wed	3/6/2024	0800	-22.2	-26.6	-17.5	PL	
Thu	3/7/2024	0820	-21.1	-26.6	-17.1	PL	
Fri	3/8/2024	1000	-22.9	-26.6	-17.9	PL	
M.	3/11/2024	0930	-20.9	-27.2	-17.6	PL	
Tue	3/12/2024	0617	-20.5	-27.2	-17.6	PL	
Wed	3/13/2024	0822	-25.3	-27.0	-18.0	PL	
Thu	3/14/2024	0850	-21.7	-27.0	-17.9	PL	
Fri	3/15/2024	0834	-23.6	-27	-17.9	PL	
Mon	3/18/2024	0838	-25.4	-25.4	-17.9	PL	
Tue	3/19/2024	0744	-18.7	-26.9	-17.9	PL	
Wed	3/20/2024	0816	-23.5	-26.9	-17.2	PL	
Thu	3/21/2024	0734	-26.5	-26.9	-17.2	PL	
Fri	3/22/2024	0844	-19	-27.1	-17.4	PL	
Mon	3/25/2024	1156	-21.2	-27.1	-17.6	PL	
Tue	3/26/2024	0722	-18.3	-26.8	-17.9	PL	
Wed	3/27/2024	0739	-19.3	-26.9	-17.9	PL	
Thu	3/28/2024	0743	-26.7	-26.8	-17.9	PL	
Fri	3/29/2024	0710	-23.3	-27.8	-20.1	PL	

# CTSU Lab -20 FREEZER Min/Max Temperature Log

Maintain temperature between -18°C to -25°C

Month **February**

Year **2024**

Refrigerator Name/  
Location/Serial #/ID

Sudler 2012E

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Name/Initials	Comments
Thu	2/1/2024	0630	-19.3	-19.3	-16.7	hw/mw	
Fri	2/2/2024	1615	-22.8	-19.3	-14.2	PL	
Mon	2/5/2024	0850	-19.2	-19.4	-14.2	PL	
Tue	2/6/2024	1124	-10.4	-19.5	-10.4	PL	
Wed	2/7/2024	0823	-18.9	-19.6	-8.5	hw/mw	
Thu	2/8/2024	0721	-17.2	-19.4	-14	mw/hw	
	2/9/2024	0837	-17.7	-19.4	-15.9	mw	
Mon	2/12/2024	0850	-18.8	-18.8	-15.9	PL	
Tue	2/13/2024	0810	-25.3	-31.1	-19.6	PL	
Wed	2/14/2024	0730	-18.6	-31.1	-19.4	mw/mw	
Thu	2/15/2024	0745	-23.5	-25	-18	hw/PL	
Fri	2/16/2024	0802	-26.6	-18	-25	mw/hw	
Mon	2/19/2024	0815	-24.4	-26.9	-18.4	PL/hw	
Tue	2/20/2024	0910	-23.8	-26.8	-18.4	PL/PL	
Wed	2/21/2024	0733	-19.6	-26.8	-18.4	mw/hw	
Thu	2/22/2024	0630	-20.2	-28.1	-17.1	mw/hw	
Fri	2/23/2024	0734	-23.6	-26.8	-16.6	mw/hw	
Mon	2/26/2024	0850	-25.5	-26.9	-16.9	PL/PL	
Tue	2/27/2024	0635	-22.8	-26.9	-16.9	mw/hw	
Wed	2/28/2024	0800	-20.5	-26.8	-17.1	PL/hw	
Thu	2/29/2024	0635	-26.6	-26.8	-17.1	mw/hw	

# CTSU Lab -20 FREEZER Min/Max Temperature Log

*Maintain temperature between -18°C to -25°C*

Month **January**

Year **2024**

Refrigerator Name/  
Location/Serial #/ID

Sudler 2012

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Name/Initials	Comments	
Tue	1/2/2024	1312	-19.9	-20.9	-9.5	Y/mw		
Wed	1/3/2024	0750	-20.8	-21.0	-18.6	Y/m		
Thu	1/4/2024	0749	-20	-21	-14	Y/m		
Fri	1/5/2024	0750	-20	-21	-14	Y/m		
Mon	1/8/2024	0732	-19.1	-21.3	-17.4	Y/mw		
Tue	1/9/2024	<del>_____</del>						Closed
	1/10/2024	0715	-20	-21.1	-17.4	Y/mw		
Thu	1/11/2024	0710	-20.8	-21.1	-17.4	Y/mw		
Fri	1/12/2024	0700	-20.1	-21.1	-17.4	Y/mw		
Mon	1/15/2024	<del>_____</del>						Closed
Tue	1/16/2024	1015	-19.4	-21.2	-14.4	Y/mw		
Wed	1/17/2024	1331	-17.2	-19.8	-15.9	R/R		
Thu	1/18/2024	0915	-18.7	-19.8	-15.9	R/R		
Fri	1/19/2024	0755	-17.7	-19.8	-14.8	Y/mw		
Mon	1/22/2024	0720	-18.2	-20.1	-16.7	Y/m		
Tue	1/23/2024	0705	-18.1	-19.6	-17.8	Y/m		
Wed	1/24/2024	0857	-19.2	-19.6	-15.1	Y/m		
Thu	1/25/2024	0647	-19.1	-19.3	-9.8	Y/m		
Fri	1/26/2024	0740	-17.2	-19.1	-14	Y/m		
Mon	1/29/2024	0754	-18.8	-19.6	-13.5	Y/m		
Tue	1/30/2024	0630	-17.9	-19.5	-14.3	Y/m		
	1/31/2024	1230	-18.4	-19.4	-16.9	Y/m		