

# CTSU LAB -20 FREEZER Min/Max Temperature Log

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

Month **December**

Year **2023**

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

Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Fri 12/1/2023	0740	-20	-20.7	-17.6	mw	
Mon 12/4/2023	0750	-18.8	-20.7	-15	m	
Tue 12/5/2023	0737	-19.6	-21.2	-18.2	mw	
Wed 12/6/2023	0737	-19.6	-21.2	-18.2	m	
Thu 12/7/2023	0747	-20.4	-20.9	-18.2	m	
Fri 12/8/2023	0730	-18.6	-20.8	-17.5	m	
Mon 12/11/2023	0826	-19.6	-20.7	-13.1	mw	
Tue 12/12/2023	0824	-19.2	-20.8	-18	m	
Wed 12/13/2023	0755	-20.4	-20.8	-11.5	mw	
Thu 12/14/2023		-20.4	-20.8	-11.5	n	
Fri 12/15/2023		-20.4	-20.8	-11.5		
Mon 12/18/2023	0754	-20.8	-21	-16.7	mw	
Tue 12/19/2023	0746	-20.1	-20.9	-17.5	m	
Wed 12/20/2023	0750	-20.6	-20.9	-18.2	mw	
Thu 12/21/2023	0642	-20.6	-20.9	-18.2	m	
Fri 12/22/2023	0705	-20.6	-20.9	-18.2	m	
Mon 12/25/2023	_____					Closed for the Holiday Break   ———
Tue 12/26/2023	_____					
Wed 12/27/2023	_____					
Thu 12/28/2023	_____					
Fri 12/29/2023	_____					

# CTSU LAB -20 FREEZER Min/Max Temperature Log

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

Month **November**

Year **2023**

Refrigerator ID/Location: SUDLER LAB 2012E

Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Wed 11/1/2023	0732	<del>23</del> 23	<del>-24.1</del> -24.1	<del>-19.6</del> -19.6	m	
Thu 11/2/2023	0917	-22.8	-24.2	-20.7	w	
Fri 11/3/2023	0718	-23.8	-24.2	-20.5	w	
Mon 11/6/2023	0809	-23.9	-24.1	-20.7	PL	
Tue 11/7/2023	0761	-21.6	-24.1	-20.7	w	
Wed 11/8/2023	0900	-20.8	-24	-20	CDH	
Thu 11/9/2023	1630	-20.8	-24	-20	CDH	
Fri 11/10/2023	<del>_____</del>					
Mon 11/13/2023	0701	-22.2	-24.1	-20.6	w	
Tue 11/14/2023	0752	-21.3	-24	-20.3	w	
Wed 11/15/2023	1710	-22.8	-24	-20.6	CDH	
Thu 11/16/2023	0747	-20.9	-24	-20	w	
Fri 11/17/2023	0721	-21	-24.1	-20	w	
Mon 11/20/2023	1100	-20.9	-24.1	-20	w	
Tue 11/21/2023	1000	-22.8	-23.8	-19.7	DK	
Wed 11/22/2023	0905	-23.8	-23.8	-19.7	m	
Thu 11/23/2023	<del>_____</del>					
Fri 11/24/2023	<del>_____</del>					
Mon 11/27/2023	0803	-24	-24.1	-20.9	m	
Tue 11/28/2023	0735	-20.6	-20.6	-25	mw	
Wed 11/29/2023	0731	-18	-18	-25	w	
Thu 11/30/2023	0730	-19.3	-20.7	-17.7	w	

Closed  
Closed

## CTSU Lab -20 FREEZER Min/Max Temperature Log

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

Month **October**

Year

Year **2023**

Refrigerator ID/Location: SUDLER 2012E LAB

Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Mon 10/2/2023	0738	-23.1	-23.9	-20.4	w	
Tue 10/3/2023	0947	-21.1	-23.8	-19.6	PL	
Wed 10/4/2023	0947	-20.8	-23.9	-19.6	PL	
Thu 10/5/2023	0742	-22.2	-23.9	-19	w	
Fri 10/6/2023	0743	-22.2	-23.9	-19.1	w	
Mon 10/9/2023	0812	-22.9	-23.8	-20.7	PL	
10/10/2023	0819	-22.2	-23.8	-20.6	PL	
Wed 10/11/2023	0840	-20.9	-23.8	-20.3	PL	
Thu 10/12/2023	0833	-21.6	-23.9	-20.3	w	
Fri 10/13/2023	0831	-22.6	-23.8	-20.4	JUN	
Mon 10/16/2023	0743	-21.9	-23.9	-20.4	w	
Tue 10/17/2023	0853	-21	-23.8	-20.4	w	
Wed 10/18/2023	0948	-21.7	-23.8	-20.4	w	
Thu 10/19/2023	0948	-22.4	-24	-20.5	w	
Fri 10/20/2023	0742	-22.4	-24	-20.5	w	
Mon 10/23/2023	0744	-22.4	-24	-20.5	w	
Tue 10/24/2023	1013	-23.8	-24	-20.8	PL	
Wed 10/25/2023	0716	-23.9	-24	-20.7	w	
Thu 10/26/2023	0825	-23.9	-24.1	-20.7	PL	
Fri 10/27/2023	0830	-22.5	-24.1	-19.6	PL	
Mon 10/30/2023	0826	-22.5	-24.1	-19.6	PL	
Tue 10/31/2023	0821	-21.7	-24.1	-19.6	PL	

# CTSU Lab -20 FREEZER Min/Max Temperature Log

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

Month **September**

Year **2023**

Refrigerator ID/Location: SUDLER 2012F LAB

Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Fri 9/1/2023	0752	<del>21.84</del>	<del>3.4</del> -24	<del>4.4</del> -20.7	W	Closed
Mon 9/4/2023						
Tue 9/5/2023	0812	-21	-24	-20.8	PL	
Wed 9/6/2023	0848	-23.5	-24	-20.8	W	
Thu 9/7/2023	0722	-22.9	-24	-20.8	W	
Fri 9/8/2023	0826	-21.9	-24	-20.8	PL	
Mon 9/11/2023	0810	-22.5	-24	-20.8	W	
Tue 9/12/2023	0801	-21.2	-23.9	-20.8	W	
Wed 9/13/2023	0731	-23.1	-23.9	-19.4	W	
Thu 9/14/2023	0742	-23.9	-23.9	-19.6	W	
Fri 9/15/2023	0730	-21.4	-23.8	-20.3	W	
Mon 9/18/2023	0738	-23.7	-23.9	-20.8	W	
Tue 9/19/2023	1341	-22.1	-23.9	-20.6	PL	
Wed 9/20/2023	0730	-23.5	-23.9	-20.6	W	
Thu 9/21/2023	0900	-23.7	-23.9	-20.4	PL	
Fri 9/22/2023	0737	-23.4	-23.9	-20.4	W	
Mon 9/25/2023	0900	-20.8	-23.9	-20.7	PL	
Tue 9/26/2023	1157	-21.7	-23.9	-20.6	DH	
Wed 9/27/2023	1145	-20.9	-23.9	-20.6	PL	
Thu 9/28/2023	0940	-22.6	-23.9	-20.4	DH	
Fri 9/29/2023						



# CTSU Lab -20 Freezer Min/Max Temperature Log

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

Month **August**

Year **2023**

Refrigerator ID/Location: SUDLER 2012E LAB

	Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Tue	8/1/2023	0607	-23.5	-23.5	-19	mw	
Wed	8/2/2023	1210	-23	-23.6	-20.1	mw	
Thu	8/3/2023	0816	-21	-23.7	-20.1	mw	
Fri	8/4/2023	0758	-23.6	-23.7	-20.4	mw	
Mon	8/7/2023	0750	-21.1	-23.8	-20.7	mw	
Tue	8/8/2023	0830	-21.1	-23.7	-20.7	PO	
Wed	8/9/2023	0820	-23.7	-23.8	-20.7	mw	
	8/10/2023	0832	-23.6	-23.7	-20.7	mw	
Fri	8/11/2023	1427	-22.2	-23.7	-20.6	w	
Mon	8/14/2023	0756	-23.1	-23.5	-15.1	mw	
Tue	8/15/2023	0746	-22.4	-23.8	-20.5	w	
Wed	8/16/2023	0746	-22.4	-23.8	-20.5	w	
Thu	8/17/2023	0747	-21.4	-23.8	-20.5	mw	
Fri	8/18/2023	0954	-23.7	-23.9	-20.7	PL	
Mon	8/21/2023	0820	-23.7	-23.9	-20.7	PL	
Tue	8/22/2023	0821	-20.9	-23	-20.5	PL	
Wed	8/23/2023	0825	-20.9	-23.9	-20.6	PL	
Thu	8/24/2023	0830	-20.9	-23.9	-20.6	PL	
Fri	8/25/2023	11:21	-23.7	-23.9	-20.5	PL	
Mon	8/28/2023	0653	-22.1	-24	-20.5	mw	
Tue	8/29/2023	0743	-22.6	-24	-20.8	mw	
Wed	8/30/2023	0734	-23.6	-24	-20.7	mw	
Thu	8/31/2023	0752	-21.6	-24	-20.7	w	

# CTSU Lab -20 Freezer Min/Max Temperature Log

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

Month **July**

Year **2023**

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

	Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Mon	7/3/2023	0816	-21.1	-24.3	-20.7	WJ	
Tue	7/4/2023	0849	-22.9	-24.3	-20.7	DL	
Wed	7/5/2023	0916	-22.5	-24.3	-20.7	PL	
Thu	7/6/2023	0900	-19.2	-24.3	-19.8	DH	
Fri	7/7/2023	1720	-19.8	-24.3	-19.8	DH	
Mon	7/10/2023	0753	-24.2	-24.3	-19.8	WJ	
	7/11/2023	0735	-21.8	-24.2	-20.7	WJ	
Wed	7/12/2023	0732	-21.9	-24.3	-14.1	WJ	
Thu	7/13/2023	0747	-21.9	-24.3	-14.1	WJ	
Fri	7/14/2023	0730	-20.8	-24.1	-20.5	WJ	
Mon	7/17/2023	0845	-23.4	-24	-20.4	WJ	
Tue	7/18/2023	0856	-23.3	-24.2	-20.2	PL	
Wed	7/19/2023	0910	-23.2	-24.2	-20.2	PL	
Thu	7/20/2023	0715	-20.7	-24	-19.5	WJ	
Fri	7/21/2023	0710	-20.2	-24.2	-19.5	WJ	
Mon	7/24/2023	0713	-20.1	-24.2	-19.5	WJ	
Tue	7/25/2023	0815	-22.2	-23.7	-19.5	WJ	
Wed	7/26/2023	0800	-20.8	-23.8	-14.9	WJ	
Thu	7/27/2023	0810	-20.8	-23.8	-14.9	WJ	
Fri	7/28/2023	0851	-20.8	-23.8	-19.5	WJ	
Mon	7/31/2023	0854	-19.0	23.7	-18.1	WJ	

# CTSU Lab -20 Freezer Min/Max Temperature Log

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

Month **June**

Year **2023**

Refrigerator ID/Location:

	Date (Weekdays only)	Time	Min °C	Max °C	Initials	Comments
Thu	6/1/2023	-20.9	-24.2	-20.4	W	
Fri	6/2/2023	-22.9	-24.3	-19	W	
Mon	6/5/2023	-23.1	-24.1	-20.5	W	
Tue	6/6/2023	-21.7	-24.2	-20.2	W	
Wed	6/7/2023	-21.7	-24.2	-20.2	W	
Thu	6/8/2023	-21.7	-24.2	-20.2	W	
Fri	6/9/2023	-23.5	-24	-20.1	W	
Mon	6/12/2023	-21.8	-24	-20	PL	
Tue	6/13/2023	-20	-24.1	-20.3	PL	
Wed	6/14/2023	-23.7	-24.1	-20.3	W	
Thu	6/15/2023	-22.9	-24.2	-20.5	W	
Fri	6/16/2023	-23.1	-24.3	-20.5	W	
Mon	6/19/2023	-20.8	-24.3	-20.7	R	
Tue	6/20/2023	-21.1	-24.3	-20	W	
Wed	6/21/2023	-23.1	-24.2	-20.6	W	
Thu	6/22/2023	-23.6	-24.3	-20.5	W	
Fri	6/23/2023	-23.6	-24.3	-20.5	W	
Mon	6/26/2023	-23.9	-24.2	-20.5	W	
Tue	6/27/2023	-20.9	-24.2	-20.4	R	
Wed	6/28/2023	-21.8	-24.3	-20.2	PL	
Thu	6/29/2023	-20.9	-24.3	-18.3	W	
	6/30/2023	-20.9	-24.3	-18.3	W	

# CTSU Lab -20 Freezer Min/Max Temperature Log

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

Month **May**

Year **2023**

Refrigerator ID/Location:

*Sudler 2012*

	Date (Weekdays only)	Time	Min °C	Max °C	Initials	Comments
Mon	5/1/2023	-23	-23.9	-20.1	m	
Tue	5/2/2023	-23.9	-24	-20.1	w	
Wed	5/3/2023	-23.7	-24	-20.1	w	
Thu	5/4/2023	-21	-24	-18.4	m	
Fri	5/5/2023	-21.2	-24	-18.4	w	
Mon	5/8/2023	-20.7	-24.2	-20.1	DH	
Tue	5/9/2023	-23.2	-24.3	-19.9	mw	
Wed	5/10/2023	-23.2	-24.3	-19.9	w	
Thu	5/11/2023	-21.0	-24.2	-19.9	PL	
Fri	5/12/2023	-23	-24.2	-19.9	w	
Mon	5/15/2023	-23.3	-24.2	-19.9	w	
Tue	5/16/2023	-24	-24	-20.1	w	
Wed	5/17/2023	-22.7	-24.1	-11.2	PL	
Thu	5/18/2023	-20.6	-24.3	-11.2	w	
Fri	5/19/2023	-21.3	-23.9	-20	w	
Mon	5/22/2023	-22.5	-24.7	-20.1	DH	
Tue	5/23/2023	-23.9	-24.1	-20.1	w	
Wed	5/24/2023	-20.7	-24.1	-19.9	w	
Thu	5/25/2023	-22.3	-24.1	-20	w	
Fri	5/26/2023	-22.3	-24.1	-20	w	
Mon	5/29/2023	<hr/>				
Tue	5/30/2023	-21.2	-24.1	-20.3	w	
	5/31/2023	-23.3	-24.1	-20.4	w	



# CTSU Lab -20 Freezer Min/Max Temperature Log

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

Month April

Year 2023

Refrigerator ID/Location: Sudler 2012

	Date (Weekdays only)	Temp Time	Min °C	Max °C	Initials	Comments
Mon	4/3/2023	-23	-24.2	-20.4	mw	
Tue	4/4/2023	-20	-24.1	-20.7	PL	
Wed	4/5/2023	-22	-24.4	-20.5	W	
Thu	4/6/2023	-22	-24.4	-20	W	
Fri	4/7/2023	-20	-24.0	-19.7	PL	
Mon	4/10/2023	-20	-24.	-19.7	W	
	4/11/2023	-22.4	-24	-19.7	W	
Wed	4/12/2023	-21.5	-24.2	-20	W	
Thu	4/13/2023	-21.5	-24.2	-20	W	
Fri	4/14/2023	-20.7	-24.2	-20.4	W	
Mon	4/17/2023	-21.1	-24.2	-20.2	DAH	
Tue	4/18/2023	-21.6	-24.2	-20.2	DAH	
Wed	4/19/2023	-20.9	-24.2	-20.2	PL	
Thu	4/20/2023	-20.1	-24.2	-20.2	DAH	
Fri	4/21/2023	-24.	-24.2	-20.2	W	
Mon	4/24/2023	-21.7	-24.1	-20.6	W	
Tue	4/25/2023	-23.9	-24.1	-20.6	PL	
Wed	4/26/2023	-20.5	-24.1	-20.5	PL	
Thu	4/27/2023	-20.7	-24.1	-19.8	W	
Fri	4/28/2023	-20.7	-24.1	-19.8	W	

-20 Lab Specimen Freezer Temperature Log for 2023

Sudler

Maintain temperature between -18 to -25 C.

# Freezer -18 to -25 °C

- 40
- 30
- 20
- 10
- 5
- 0
- 1
- 2
- 3
- 4
- 5
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 30
- 40

	Jan	Feb	Mar	April	May	June	Comments
	Min/Max	Min/Max	Min/Max	Min/Max	Min/Max	Min/Max	
1	—	-22.7	-20.6	24.1	PL	24.1	-16.0
2	—	-22.7	24.1	20.6	24.1	10	—
3	22.8	24.3	19.4	23.9	24.1	15.8	24.7
4	23.9	24.3	19.3	19.2	—	—	—
5	23.2	24.3	19.2	—	—	—	—
6	23.2	24.3	19.2	24.2	21.5	21.1	20.5
7	—	—	—	24.2	21.6	24.1	20.7
8	—	—	—	24.3	15.6	19.7	19.4
9	20.4	24.2	19.8	23.0	24.2	15.8	21.7
10	23.9	24.1	20.1	24.0	20.5	—	—
11	23.5	24.1	19.8	—	—	—	—
12	20.7	23.9	19.6	—	—	—	—
13	23.0	24.1	19.3	21.9	24.3	20.5	20.3
14	—	—	—	21.7	24.3	20.5	20.3
15	—	—	—	21.2	21.2	24.1	18.8
16	—	—	—	21.7	24.1	20.2	22.4
17	23.5	24.4	19.5	23.6	24.2	22.4	18.8
18	23.5	24.6	19.5	—	—	—	—
19	23.5	24.6	19.5	—	—	—	—
20	23.5	24.9	19.5	24.4	20.4	22.9	24.2
21	—	—	—	24.3	20.7	21.0	24.2
22	—	—	—	24.3	20.4	21.2	24.2
23	23.5	24.6	19.5	24.5	20.4	23.0	24.2
24	21.1	24.0	19.9	24.2	20.4	21.8	24.2
25	22.4	23.8	19.9	—	—	—	—
26	23.8	23.9	20.2	—	—	—	—
27	23.5	23.9	20.6	24.3	20.7	23.2	24.2
28	—	—	—	24.2	16.0	24.1	20.4
29	—	—	—	—	—	22.1	24.1
30	22.1	24.1	20.0	—	—	23.2	24.1
31	22.1	24.1	20.4	—	—	22.9	24.1

Signatures: *MW*

*24.2*

-If out of range, recheck in 5 minutes.  
-If remains out of range >5minutes, advise management.