CTSU Lab Room Freezer Min/Max Temperature Log

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

Month January

Year 2024

Refrigerator Name/ Location/Serial #/ID 1140 (-80 Freezer A)

	Date (Weekdays only)	Time	Min °C	Max °C	Name/Initials	Comments
Tue	1/2/2024	0830	-82.82	-86.80	ON	
Wed	1/3/2024	1006	-86.72	-67.05	NO	
Thu	1/4/2024	0800	-87.13	- 65.26	ON	
Fri	1/5/2024	0800	-87.13	-73.66	DV	
Mon	1/8/2024	0806	87.52	-78.11	Ma	
Tue	1/9/2024					Inclement weather
Wed	1/10/2024		-67.42	-74.59	CN1	
, hu	1/11/2024		-87.42	-66.73	10V	
Fri	1/12/2024	0 - 0	-87.42	-68.17	ON	_
Mon	1/15/2024	0800	-87.33	-77.89	NO	
Tue	1/16/2024	1300		-63.28	NO	
Wed	1/17/2024	0800	-81.75	-69.69	Ma	
Thu	1/18/2024	0000	-87.10	-65.86	04	
Fri	1/19/2024	1000	-87.15	-64.93	DW	
Mon	1/22/2024		-876	-76-85	adv	
Tue	1/23/2024		-87.12	-70.90	Wa	
Wed	1/24/2024	1200	-87.67	-68.48	ON	
Thu	1/25/2024	1300	-87.67	-69.00	04	
Fri	1/26/2024	2800	-87.44	-69.40	Ma	
Mon	1/29/2024	0900	-87.52	-78.19	04 04	
ſue	1/30/2024		87.56	-66.31	04	
Wed	1/31/2024	0900	-87.56	-73.10	an	

CTSU Lab Freezer Min/Max Temperature Log

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

Month February

Year **2024**

Freezer ID/Location:Lab room freezer 841803-1140 (-80 freezer A)

	Date (Weekdays only)	Time	Min °C	Max °C	Initials		Comments	
Thu	2/1/2024	0900	-87.98	-55.34	DN	%		
Fri	2/2/2024	0900	-87.44	-55.34	DN	010		
Mon	2/5/2024	0809	-86.59	- 77.83	DV			
Tue	2/6/2024	0800	-86.52	- 68.86	LNJ			
Wed	2/7/2024	6800	-86.89	-17.68	ON			
Thu	2/8/2024	0800	-87.06	-62.40		#		
Fri	2/9/2024	0800	-87.28	-6706	DV,			
Mon	2/12/2024	0900	-87.41 -	78.16	MA			
Tue	2/13/2024	0900	-87.3	-68.77	Or			
Wed	2/14/2024	0800	-87.31	- ble: 52	UM			
Thu	2/15/2024	0000	-87.40	-69.72	On			
Fri	2/16/2024	0800	-87.72	-62112	LM	4)		
'4on	2/19/2024	1000	-87.57	-61.43	DM	#		
Tue	2/20/2024	0915	-87.67	-61.43	OW	0/0		
Wed	2/21/2024	0900	-87.67	62.85	OW	010		
Thu	2/22/2024	1000	-87.59	-75.81	ON			
Fri	2/23/2024	1000	-87.69	-76.77	Du			
Mon	2/26/2024	0800	-87-76	78.12	ON			
Tue	2/27/2024	0800	-87.64	- 71.15	DV			
Wed	2/28/2024	1000	87.64	71.15	pv			
Thu	2/29/2024	1000	- 97.34	-65.27	DW			

Key:

Heavy usage

% Normal peak of cooling curve

Normal trough of cooling curve

CTSU Lab Freezer Min/Max Temperature Log

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

Month March

Year 2024

ID/Location: Lab Room Freezer 841803-1140 (-80 Freezer A)

	Date (Weekdays only)	Time	Min °C	Max °C	Initials	Comments
Fri	3/1/2024	0900	-87.33	-65.27	BW	
Mon	3/4/2024		87106	-78.11	LM	
Tue	3/5/2024	0900	-87.61	-64.87	DM	
Wed	3/6/2024	0800	- 87.50	-70.01	ON	
Thu	3/7/2024		87.54	-69.80	Dh/	
Fri	3/8/2024		85.17	- 70 - 10	DN	
Mon	3/11/2024	0900	-81-42	-65.76	M	
Tue	3/12/2024	0800	-87.62	65.76	Oly	
Wed	3/13/2024	1000	-87.46	-73.92	Or,	
Thu	3/14/2024	0800	87.31	-63.15	Or	0
Fri	3/15/2024	DOOG	.87.33	- 78.09		or Min: 37.30 Max: 70.50 pv
Mon	3/18/2024	0800	-87.33	- 78.09	V	
e	3/19/2024	0300	-37.42	-75.44	047	
Wed	3/20/2024	0800	-87.42	-62.79	Or.	#
Thu	3/21/2024	0,800	-8742	-63-69	02	井
Fri	3/22/2024	0800	-87.42	-63.69	DV	
Mon	3/25/2024	0800	81111	-7811	Dhy	
Tue	3/26/2024	0900	-87.16	- 70.10	d	
Wed	3/27/2024	0800	-87.41	-72.48	04	
Thu	3/28/2024	0800	- 76 23	-66.35	DM	
Fri	3/29/2024	0900	-87.40	-68.62	DV	

Key:

Heavy usage

% Normal peak of cooling curve

Normal trough of cooling curve

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location:

Month 4 April Year 2024 Threshold: 4 hours

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

Date (Meckdays only) Time	Actual Tomp	Min °C	May °C	Initials	Comments
					Comments
		-87.20		V	
	-79.01	82.27			
	- 78.99		-62.79	LNA	
4/5/2024 09 00	-49.21	-82.22	-7650	LM	
4/8/2024 0745	-79.29		-76.77	M	
4/9/2024 0900			-77.77	ON	
4/10/2024 0900		-37 18			
4/11/2024 0900			-69.09		
4/12/2024 1000					
				ON	
4/16/2024 0900					
			1		
4/18/2024 1000					
4/19/2024 0500			16.70		1 1
4/22/2024 0000					
4/23/2024 0500					
4/24/2024 3000	10.60		11.50		
	10.01	0191	-105 27		
	-1g /Q	ROIDS	7684		
5/1/2024		04.70			
	Date (Weekdays only) 4/1/2024 DIUS 4/3/2024 DIUS 4/3/2024 DIUS 4/4/2024 DIUS 4/4/2024 DIUS 4/8/2024 DIUS 4/9/2024 DIUS 4/9/2024 DIUS 4/10/2024 DIUS 4/10/2024 DIUS 4/11/2024 DIUS	4/1/2024 D900 - 81.01 4/2/2024 D745 - 79.01 4/3/2024 D750 - 79.01 4/4/2024 D800 - 78.99 4/5/2024 D900 - 49.21 4/8/2024 D700 - 78.30 4/10/2024 D900 - 79.05 4/11/2024 D900 - 79.05 4/12/2024 D900 - 79.14 4/15/2024 D900 - 79.14 4/16/2024 D900 - 79.14 4/16/2024 D900 - 79.16 4/18/2024 D000 - 79.16 4/19/2024 D800 - 79.33 4/22/2024 D800 - 79.33 4/23/2024 D800 - 79.33 4/25/2024 D800 - 79.33 4/26/2024 D800 - 79.33 4/26/2024 D800 - 79.33 4/29/2024 D800 - 79.33 4/29/2024 D800 - 79.33 4/29/2024 D800 - 79.33 4/29/2024 D800 - 79.08	4/1/2024 D900 - 81.01 - 81.30 4/2/2024 D715 - 79.01 - 82.20 4/3/2024 D800 - 78.99 - 82.27 4/5/2024 D900 - 49.21 - 82.22 4/8/2024 D900 - 78.30 - 81.20 4/9/2024 D900 - 71.04 - 82.28 4/10/2024 D900 - 71.04 - 82.28 4/11/2024 D900 - 71.04 - 82.14 4/15/2024 D900 - 71.44 - 82.14 4/15/2024 D900 - 71.44 - 82.14 4/15/2024 D900 - 71.46 - 81.16 4/18/2024 D900 - 71.16 - 81.16 4/19/2024 D800 - 71.25 4/22/2024 D800 - 71.25 4/23/2024 D800 - 71.25 4/25/2024 D800 - 71.08 - 81.81 4/29/2024 D800 - 71.08 - 81.81 4/29/2024 D800 - 71.08 - 81.80 4/30/2024 D800 - 71.08 - 81.80 4/30/2024 D800 - 71.08 - 81.80	4/1/2024 D900 - 81 01 - 81 30 - 76 93 4/2/2024 D750 - 79 01 - 81 27 - 67 37 4/4/2024 D800 - 78 99 82 77 - 62 79 4/5/2024 D900 - 78 99 82 77 - 62 79 4/8/2024 D900 - 78 30 81 20 - 77 77 4/8/2024 D900 - 78 30 81 20 - 77 77 4/10/2024 D900 - 79 05 - 81 08 - 69 09 4/11/2024 D900 - 79 05 - 81 08 - 69 09 4/12/2024 D900 - 79 05 - 81 08 - 69 09 4/15/2024 D900 - 79 04 82 14 - 71 84 4/15/2024 D900 - 79 05 - 81 08 - 77 13 4/16/2024 D900 - 79 06 - 81 00 - 70 16 4/18/2024 D900 - 79 16 - 81 16 - 73 94 4/19/2024 D800 - 79 18 - 81 12 - 76 15 4/23/2024 D800 - 79 33 - 81 12 - 76 15 4/23/2024 D800 - 79 33 - 81 12 - 76 15 4/26/2024 D800 - 78 68 - 81 81 - 67 27 4/26/2024 D800 - 78 68 - 81 81 - 67 27 4/29/2024 D800 - 78 68 - 81 81 - 67 27 4/29/2024 D800 - 78 68 - 81 81 76 84 4/30/2024 D800 - 78 69 - 81 81 76 84 4/30/2024 D800 - 78 69 - 81 81 76 84 4/30/2024 D800 - 78 69 - 81 81 76 84 4/30/2024 D800 - 78 69 - 81 81 76 84	4/1/2024 D745 - 79.01 - 87.20 - 65.66 DW 4/3/2024 D750 - 79.01 - 87.27 - 67.37 DW 4/4/2024 D800 - 78.99 - 82.27 - 62.79 LM 4/5/2024 D745 - 79.21 - 87.22 - 76.77 DW 4/5/2024 D745 - 79.21 - 87.22 - 76.77 DW 4/8/2024 D745 - 79.21 - 87.23 - 76.77 DW 4/9/2024 D700 - 78.30 - 81.20 - 77.77 DW 4/10/2024 D700 - 79.05 - 87.08 - 69.09 DW 4/11/2024 D800 - 79.05 - 87.08 - 69.09 DW 4/15/2024 D800 - 79.44 - 82.14 - 71.84 DW 4/16/2024 D900 - 79.46 - 81.40 - 70.16 DW 4/16/2024 D800 - 79.16 - 81.16 - 73.74 DW 4/19/2024 D800 - 79.16 - 81.16 - 73.74 DW 4/22/2024 D800 - 79.24 - 82.15 - 76.20 DW 4/23/2024 D800 - 79.24 - 82.15 - 76.20 DW 4/25/2024 D800 - 78.63 - 81.81 - 67.27 DW 4/26/2024 D800 - 78.63 - 81.81 - 67.27 DW 4/29/2024 D800 - 78.87 - 82.30 - 73.19 LM

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

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	5749	-79.07	-3230	-63.14	OW	
Thu	5/2/2024	D200	-19.10	-31.96	-70.54	DW	
Fri	5/3/2024	6300	-19.23	-32.38	-76.17	O'L	
Mon	5/6/2024	0300	-79.36	-81.17	76.94	DN	
Tue	5/7/2024	0080	-79.30	-80.30	75.90	QV .	
Wed	5/8/2024	0,800	-79.17	-87.34	75.61	ON	
Thu	5/9/2024	6800	-19.02	82.35	-66 23	on	
Fri	5/10/2024	0800	-19.14 .	32.35	-66.41	017	
Mon	5/13/2024	0800	-79.30	DL 14	-16.7	Oh	
Tue	5/14/2024	0000	-79.00	-82.27	-73.83	M	
Wed	5/15/2024	9800	-19.11	81.27	-74.47	DN	
Thu	5/16/2024	0300	- 19 05	-32.35	-1447	Oh	
Fri	5/17/2024	0800	-18.99	-81.35	- 68.67	DN	
Mon	5/20/2024		79.27	-82 37	-63.72	OW	*
Tue	5/21/2024	0800 -	19.09	-82.34	-6372	DA1	
Wed	5/22/2024	0800 -	19.02	82.09		ON	
Thu	5/23/2024	10000 -	7903	82.09 -	75.39	DY,	
Fri	5/24/2024	0000 -	79.09	-82.09	11.80-	ON	1
Mon	5/27/2024			4400			- HOUDAY 5-28-24
Tue	5/28/2024	0900	16.41	19.38	-74.06	MO	
Wed	5/29/2024		18.01	82.14	-74.12	200	
Thu Frl	5/30/2024 5/31/2024		-18.95 -19.90	82.08	-16.55 -75.9A	pw	
	3/31/2024	0000	10.10	OI.	12.10	VV	

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

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 0800	-19.00	8184	76.66	on,	
Tue	6/4/2024 0800	-18.98	82.03 -	76.05	Di	
Wed	6/5/2024 0800	-79.05	-82.12	-75.91	Dh	
Thu	6/6/2024 0800	-19.13	82.12	71.02	on	
Fri	6/7/2024 08 00	-78.73	-82.03	107.09	LIM	
Mon	6/10/2024	-79.17 -	87.17	-76.82	pri	
Tue	6/11/2024 0800	18.10	-80.12-	76.36	M	
Wed	6/12/2024 0800	-18.75	89.18.	-6516	LM	
Thu	6/13/2024	-13.31	- 31.48	-7(-13	Du	
Fri	6/14/2024 0730	.78.92	-3198	-13.18	Ort	
Mon	6/17/2024 0900	-19.32	81.11	-71.07	ON	
Tue	6/18/2024 0900	-19.25	82.12 -	76.74	DN	
Wed	6/19/2024		Λ.			-HOLIDAY
Thu	6/20/2024 0806	-19.15		76.90	MA	<u> </u>
Fri	6/21/2024 0800		- 81 . 98	- 69.55	TEM	
Mon	6/24/2024	-79.34	-81.13	77.02	04	
Tue	6/25/2024 0800	-79.20	- 82.10	-76.01	LM	
Wed	6/26/2024 0800	-17.08.		-67.44	an	
Thu	6/27/2024 0300	19.25	8191	76.90	10h	
Frl	6/28/2024 0800	79.19	82.19.	76.31	ON	
Mon	7/1/2024 7/2/2024					
Wed	7/3/2024					
	, -, ,					

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

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.

Ĭ		-		A4: 86			The state of the s
ľ	7/1/2024	Time	-79.3 \ _	Min °C 82.14	Max °C - 77.06	Initials OV	Comments
n	7/1/2024		-1899	82.09	-69.47	The same of the sa	
ie	7/2/2024		1895	82.14		on	
d			10.12	01.14	-10.27	On	1LN Gold LA
U	7/4/2024	0080	-79.10	-81.98	-16.23	DH	- HOUDAY
ri	7/5/2024	0000	-19.15	82.11	-76.90		
n	7/8/2024	2000				0N,	
e	7/9/2024			81.01	-75.80	DW	
d	7/10/2024	100	-79.06	81.31	-15.18	DV	
ıu	7/11/2024	0000		0 2	-16.55	DM	
r)	7/12/2024		19.17	-81.12	-76.48	ON	
n	7/15/2024		-19.26	-82.17	7696	Dh	
16	7/16/2024	Contract to the second	-19.26	-82.17	76.96	01,	
d	7/17/2024		18.76	-82.31	-70-12	ON	
ıu	7/18/2024		79.03	-81.31	-71.89	DV	
ri	7/19/2024			-81.64	76.52	MO	iate entry. 7-22-240W
n	7/22/2024		18.27	8159	74.55	Dr,	·
e	7/23/2024	1000	18.85		75.62	Dr,	
d	7/24/2024	0900	-18.85	-81.79	-76.53	On	
u	7/25/2024	0800	-18.76 -	81.56	76.39	On	Late entry 7-29-24 ON
ri	7/26/2024		-18.61	-81.88	-72.19	Du	Late entry 7-29-24 ON
n	7/29/2024	0900	-19.07	81.99	-16.34	Su,	
e	7/30/2024		-78.92	81:99	15.95	DA	
d	7/31/2024	0400	+19.07	-01.19	13.4>	DW	

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

Month 8 August

Year 2

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
hu	8/1/2024	OOPO	01:81-	-8193	-13.11	DW	
Frl	8/2/2024	0900	18.84 -	81.06	74.50	DN	
lon	8/5/2024	0800	79.08	-82.14	-16.61	Der	
ue	8/6/2024		-19.09 -	81.69	-74.75	ON	
ed	8/7/2024	0880	-79.01	82.69	-74.19	ON	
hu	8/8/2024	0800	19.01	582.23	216.38	Ou	
Frl	8/9/2024	08000-	29.13	31.66	223.24		Actual Temp79.02 Min-82.20 Mags.
on	8/12/2024	0800	-19.28		76.74	OW	
ue	8/13/2024	0800	- 18.88	82.75.	-1072	DIG	
ed	8/14/2024	- 0080	-18.55 -	81.81	-69.72	VVO	
hu	8/15/2024		-17.18	.81.52	75.66	DIL	
Fri	8/16/2024		79.34	-82.23	-77.02	m	
on	8/19/2024		-79.77	. 83.17	-77.13	DV	
ue	8/20/2024		-18.95	- B317	-73.19	LM	
ed	8/21/2024	1000	-78.49	-62.01	-70.55	41	
hu	8/22/2024	0800	-78.86	-81.44	-15.03	DW	
Fri	8/23/2024		-78.98	-82.06	-16.00	DIN	
on	8/26/2024		- 79.04	82.12	-76.23	DN	
ue	8/27/2024		-18.92	-82.12	-16.12	DV	
ed	8/28/2024	0080	-18.96	-82.12	-15.64	por	
hu	8/29/2024	0800	-78.79	82.27	-6231	DW	*
Fri	8/30/2024	0000	- 15.58	-82.25	- 75.36	m	
on	9/2/2024						Holiday

Owriting error. DN 8-9-24

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

Septemb

Month

9

er

Year

2024

Threshold: 4 hours

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

Da	ite (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
n	9/2/2024						Holiday
e	9/3/2024	D800	-79.50	-82.35	-77.01	Ou	
d	9/4/2024	୦୪୦୦	-19.03	-8231	-53.27	DN	*
u	9/5/2024	0800	-19.13	-8231	-10.16	MA	
ri	9/6/2024	0000	-79.21	-82.27	-76.03	LM	
n	9/9/2024	0800	-79.13	-82.37	76.13	DV	
e	9/10/2024	0900	-19.14	82.37	-67.20	an	
d	9/11/2024		-79.15	-8252	-75.61	On	
u	9/12/2024	- ()	-79.18	-82.38	-16.12	Ma	
ri	9/13/2024		-19.33	-82.38	- G 1	DM,	
n	9/16/2024		-79.49	8749	-65.13	DIN	
e	9/17/2024	6900	-79.19	82.48	-62.67	WO	*
d 🕥	9/18/2024	0000	-15.51 -	17.54	-71.12	OW	
u	9/19/2024	0800	-78.99	- 32.52	-65.09	LM	
ri	9/20/2024	2 40 2	-1923	-82.41		DV'	
n	9/23/2024		77.41	-87.54	-76.78	DW	
e	9/24/2024		- 57.05 -	82.60	75.35	NO	Defrost, 9.23-24
d	9/25/2024		-76.83	-81.03	-4767	DN	*
,	9/26/2024	0900	-18.04 -	19.63	-75.58	ON	•
i	9/27/2024	0800	-73.11	-80.02	-75.98	-	
	9/30/2024	0900	-1813	-79.57	-15.62	Wa	
	10/1/2024						
<u></u>	10/2/2024						

1) Stray Penmark.

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

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	0750	-77.67	80.03	-66.21	WO	
Wed	10/2/2024	0000	-18.19	-80.03	-75.08	DM	
Thu	10/3/2024		-18.16	-80.03	-15.08	pw	
Fri	10/4/2024	0900	-78 18	8040	-75.23	DN	
Mon	10/7/2024	1116	-79.41	-80.16	-76.34	7ds	
Tue	10/8/2024	0900	-78.25	-80.31	-75.67	DM	
Wed	10/9/2024		-78.24	-80.43	-74.84	DU	
Thu	10/10/2024		-18.50	-80.54	-74.86	ON	
Fri	10/11/2024		-78.38	-80,54	75.95	pn	
Mon	10/14/2024	0755	-18.51	-8017	-77-04	DW	
Tue			- 78.1 -	-7 8 .	78	ASS	
Wed	10/16/2024	0800	- 78.25	-80.06	76.11	DN	
Thu	10/17/2024	0080	-78.06	-80.35	-13.33	on	
Fri	10/18/2024	1100	-18.14	-80.28	-74.98	10W	
Mon	10/21/2024	1000	-79.99	-80.73	-75.90	ON	
Tue	10/22/2024		~18·3)	-80.31	- 75.78	W	
Wed	10/23/2024	0900	-78.32			211	
Thu	10/24/2024		-18.18	-80.20	-15.56	DW	
Fri	10/25/2024	1000	- 78.34	- 20.35	-75.84	DW	
Mon	10/28/2024	0800	-18.38	30.14	76.64	on	
Tue	10/29/2024		18.54	00.51	75.61	10W	
Wed	10/30/2024 10/31/2024		-18.55	-80.51	-76.50	DW DW	
Ind	10/31/2024	0147	10.40	50.93	11,02	UV.	

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

Novemb

Month

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Year

2024

Threshold: 4 hours

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

Ì	Date (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
Fri	11/1/2024	000	-75.40	-17.52	-68.84	on,	
Mon	11/4/2024	0800		-80.56	-77.04	DN.	
Tue		0745	18.57	80.56	-1707	ONG	mriting error 11-7-24
Wed	11/6/2024	- 0080	1898	31.23	21.69	OW,	-78.50 - 80.70 -76.01 PW
Thu	11/7/2024	008	-78.46	80.20	-76.73	On	
Fri	11/8/2024	0800	-78 4	-80,20	-77.09	LM	
Mon	11/11/2024		-0	640			- Holiday
'ue	11/12/2024		- 7847	-80.37	-76.36	ON	
Wed	11/13/2024		85.480	81.16	81.63	ON	0-85.48
Thu	11/14/2024	000	18.55	80.54	-75.67	OW	
Frl	11/15/2024	900	78.44		-16-11	DIN	
Mon	11/18/2024		-18.57	-8031	-17.18	OW	
Tue	11/19/2024				-76.94	Du	
Wed	11/20/2024 0		-78.67	80.54	-76.66	DW	
Thu	11/21/2024	- 0081	7778	79.51	-77.76	OW	
Fri	11/22/2024		79.01	-75.10	-78.70	DM	
Mon	11/25/2024		-79-80	-76.10	-79.10	DV	
Tue	11/26/2024		_	-75.10	-76.30	Dh	
Wed	11/27/2024	915	80.23	-77.26	-77.45	DV2	
Thu	11/28/2024						Holiday
Fri	11/29/2024						- Holiany
Mon	12/2/2024 12/3/2024						
, ue	12/3/2024						

841803-1140 (-80 Freezer A)

Refrigerator or Freezer ID/Location: CTSU FAIRWAY

Decemb

Month 12 er Year

ear 2024 Threshold: 4 hours

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

	ate (Weekdays only)	Time	Actual Temp	Min °C	Max °C	Initials	Comments
n	12/2/2024		- 75.20	78.94	- 79.10	DV	commence
e	12/3/2024		-18.48	-80.46	-76.61	101	
d	12/4/2024	0750	- 18.43	-80.31	-75.66	DM	
u	12/5/2024	0900	18.51	80.37	-76.73	DV1	
i	12/6/2024		-78.46	-80	-76	Em	
n	12/9/2024		-18.62	-8040	-77.16	DW	
	12/10/2024		-18.53	-80 18	-76.93	ON	
d	12/11/2024	0900	-18.33	80.44	-74.61	OW	
u	12/12/2024		-18.52	-80.43	- 75. lete		
ri	12/13/2024	0080	00.85	-80.48	-66.62	DN	
n	12/16/2024	0800	-18-65	-80.60	-11.16	DN	
e	12/17/2024	0850	78.50	09.08.	-74.22	DW	
d	12/18/2024	0080	-18.53	8046	-710 14	000	
u	12/19/2024	0900	-78.53	-80.52	-16.13	ON	
A	12/20/2024	0800	- 78.59	~80. led	-76.47	LM	
n	12/23/2024		-78.62	-80.52	-77.10	LNT	
	12/24/2024	674	- 11. 49	~80.52	- 76.84	Yds	
	12/25/2024						
	12/26/2024					<u></u>	
	12/27/2024						
	12/30/2024						
_	12/31/2024			Class		. 17	
4	1/1/2025			Close	a, Wint	er Br	eak

Key: *