

Data Logger Quick Reference Guide



Data Logger Tabs

1860902573 Started 4-27-2018 Finished 5-10-2018 (002).ltd

1 of 1 100% Receiver Notes

Alarm Status		Recorder Info			
Low	OK	Serial #: 1860902573	Model: TRED30-7R	Battery: OK	Trip #: 172
High	OK	Option: 68305 F1			

Recorder Configuration	
Start type : Push button start	Temperature alarms
Start delay : None	Lower : -40.0 °C after 2 Consecutive
Interval : 30 Minutes	Upper : -15.0 °C after 2 Consecutive
Alert indicator : Enabled lower & upper	

Recorded Data	
First reading : 4/27/2018 9:12:31 AM	Temperature statistics
Last reading : 5/10/2018 9:12:31 AM	Lowest : -21.9 °C
Elapsed time : 13 Days 30 Minutes	@ 4/29/2018 5:42:31 AM
Total readings : 625	Highest : -21.2 °C
First evaluated : 4/27/2018 9:12:31 AM	@ 5/7/2018 9:12:31 PM
Last evaluated : 5/10/2018 9:12:31 AM	Average reading : -21.5 °C
Evaluated Time : 13 Days 30 Minutes	Standard Deviation : 0.1 °C(S)
Evaluated Readings : 625	MKT(ΔH 83.144) : -21.5 °C

Low Alarm	High Alarm
Triggered: (none)	Triggered: (none)
Time below/equal: (none)	Time above/equal: (none)
Occurrences : 0	Occurrences : 0
°C - Minutes below : 0.00	°C - Minutes above : 0.00

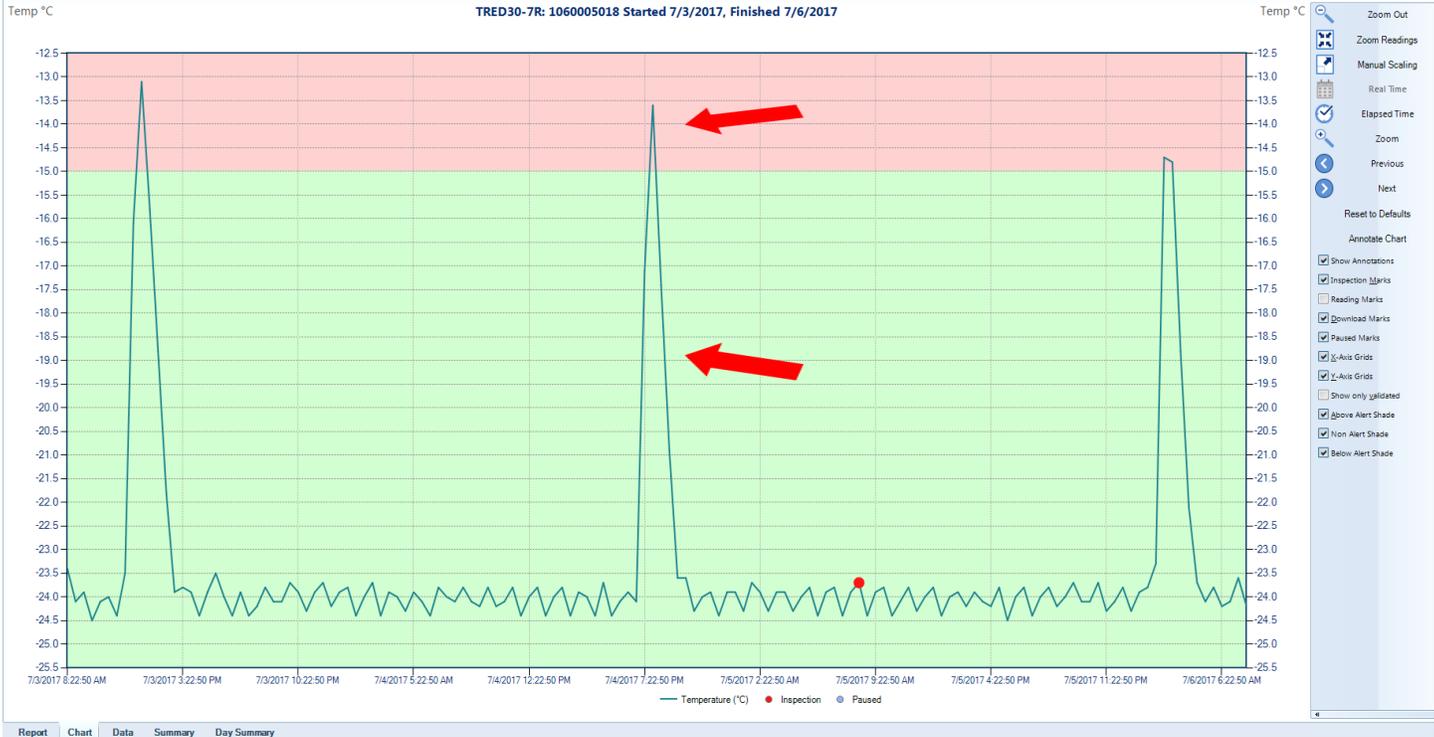
Step 1– “Report Tab” - provides summary of data, configuration details, number of days included in the download, Alarm status, battery status, lowest and highest temperature readings, high alarm (when temperature was too warm) and low alarm (when temperature was too cold). Reviewing this information will provide you with general idea about temperature in the vaccine storage unit. Any time Min/Max is reviewed by pressing the “Review” button, date and time is logged under “ Events Info”.

Events Info

4/30/2018 8:12:31 AM	Inspection, Paused	5/7/2018 8:12:31 AM	Inspection, Paused
5/1/2018 8:12:31 AM	Inspection, Paused	5/8/2018 8:12:31 AM	Inspection, Paused
5/2/2018 8:42:31 AM	Inspection, Paused	5/9/2018 8:12:31 AM	Inspection, Paused
5/3/2018 7:42:31 AM	Inspection, Paused	5/10/2018 8:12:31 AM	Inspection, Paused
5/4/2018 8:12:31 AM	Inspection, Paused		

Source: 1860902573 Started 4-27-2018 Finished 5-10-2018 (002).ltd
Created : 7/17/2018 10:45:17 AM

Report Chart Data Summary Day Summary



Step 2 – “Chart” tab shows a chart of temperature recordings. The green background indicated those temperature recording are in range and red background indicated temperatures out of range. This way you can

Index	Date	Time	Elapsed	Temperature °C	
1	7/3/2017	8:22:50 AM	00:00:00	-23.4	
2	7/3/2017	8:52:50 AM	00:30:00	-24.1	
3	7/3/2017	9:22:50 AM	01:00:00	-23.9	
4	7/3/2017	9:52:50 AM	01:30:00	-24.5	
5	7/3/2017	10:22:50 AM	02:00:00	-24.1	
6	7/3/2017	10:52:50 AM	02:30:00	-24.0	
7	7/3/2017	11:22:50 AM	03:00:00	-24.4	
8	7/3/2017	11:52:50 AM	03:30:00	-23.5	
9	7/3/2017	12:22:50 PM	04:00:00	-16.1	
10	7/3/2017	12:52:50 PM	04:30:00	-13.1	Above Alert
11	7/3/2017	1:22:50 PM	05:00:00	-15.8	
12	7/3/2017	1:52:50 PM	05:30:00	-18.8	

Index	Date	Time	Elapsed	Temperature °C	
1	7/2/2018	4:31:05 PM	00:00:00	-5.3	Below Alert
2	7/2/2018	5:01:05 PM	00:30:00	-2.5	Below Alert
3	7/2/2018	5:31:05 PM	01:00:00	0.1	Below Alert
4	7/2/2018	6:01:05 PM	01:30:00	2.3	
5	7/2/2018	6:31:05 PM	02:00:00	3.9	
6	7/2/2018	7:01:05 PM	02:30:00	4.0	
7	7/2/2018	7:31:05 PM	03:00:00	4.9	

Step 3– “Data” tab shows every reading data logger recorded. It provides the date, time, temperature reading and elapsed time since the last reading (30 minutes). Recordings in red indicate too warm temperatures, temperatures in blue indicate too cold temperatures and recordings in black indicate in range temperatures.

Statistics for Started readings

LogTag ID	1860902591
Description	68724 R1
Battery status	OK
Time zone	UTC -05:00, daylight time (Display clock adjusted)
Reading interval	30 Minutes
Number of starts	179
Number of readings	35
Number of started readings	35
First reading	7/2/2018 4:31:05 PM
Last reading	7/3/2018 9:31:05 AM
Average reading	4.3 °C
Time below/equal lower alert	1 Hour 30 Minutes
Time above/equal upper alert	None

Step 4 – “Summary” tab shows detail information about every instance data logger is paused by pressing “Review” button. It specifies the time, average reading and low or high alarm since the last pausing.

D	Date	Alarm	Max. reading (°C)	Time above/equal upper alert	Min. reading (°C)	Time below/equal lower alert
0	7/3/2018		5.5	0	4.8	0
-	7/2/2018		5.1	0	-5.3	1 Hour 30 Minutes

Step 5– “Day Summary” tab provides summary for every day the data logger recorded the temperature readings. It shows date, Max reading, Alarm, Time above, Time below and Min. reading. Red dot indicates “Alarm” was triggered, blue arrow pointing down is temperature too cold and red arrow pointing up is temperature too warm (not shown in the picture).