Chilltherm® CT180 – Threshold +2˚C to +8˚C

Meditherm® M10.75

External System Dimensions	917 x 752 x 1070mmh

Payload

Available Product Payload		620 x 455 x 725mmh
Payload Volume		204.5 Litres
Test Load	**Product 1**	3360x 5ml Ampoules
	Product 2	3360 x 5ml Vials
	Product 3	112x Diagnostic Blister Kits

System Weight

Total System Weight	44.7 Kg
Volumetric Weight	123.0 Kg

Order Quantities (Delivery on Euro pallets)

	Max Height 1.6 Meters	**Max Height 2.0 Meters**
Quantity per Pallet	1	N/A

Thermal Performance

Test Number	Configuration	Product Load	Duration (hrs) +2˚C to +8˚C
T5330-01	Summer	Product 1	>72:00
T5330-02	Winter	Product 1	>72:00
T5330-03	Summer	Product 2	>72:00
T5330-04	Summer	Product 2	>72:00
T5330-05	Summer	Product 1	>72:00
T5330-10	Winter	Product 1	>72:00
T5330-13	Summer	Product 3	>72:00
T5330-14	Summer	Product 1	>72:00
T5330-15	Summer	Product 3	>72:00
T5330-17	Summer	Product 1	>72:00
T5330-18	Winter	Product 3	>72:00
T5330-20	Winter	Product 1	>72:00
T5330-21	Winter	Product 3	>72:00

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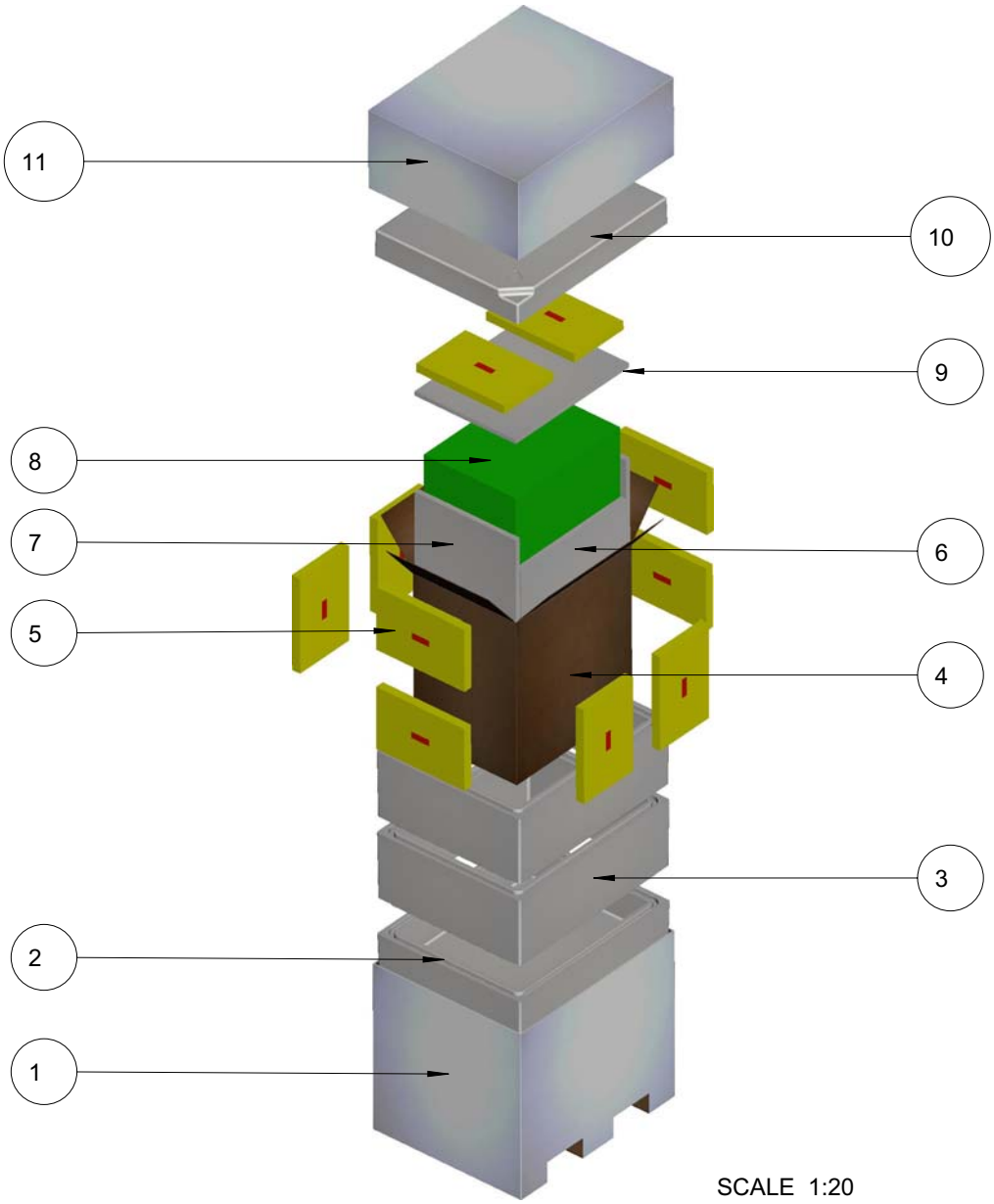
PACKAGING DIAGRAM

laminarmedica
insulated shipping systems

Chilltherm® CT180 Summer Packaging Configuration



SCALE 1:20

	DESCRIPTION	QUANTITY	TEMPERATURE
1	Meditherm 10.75 Base Carton	1	22°C ±5°C
2	Meditherm 10.0 Base 15g/litre	1	22°C ±5°C
3	Meditherm 10.0 Ring 15g/litre	2	22°C ±5°C
4	Carton 0201b 675x510x750mm	1	22°C ±5°C
5	MediTray MT3T -18°C	10	-18°C ±5°C
6	Spacer SD 725x620x25mm	2	22°C ±5°C
7	Spacer SD 725x505x25mm	2	22°C ±5°C
8	Payload 620x455x725mm	1	5°C ±3°C
9	Spacer SD 670x505x20mm	1	22°C ±5°C
10	Meditherm 10.0 Lid 15g/litre	1	22°C ±5°C
11	Meditherm 10.75 Top Hat	1	22°C ±5°C

NOTE:

All -18°C MT packs to be conditioned at room temperature (+22°C ±5°C) for 60 minutes prior to assembly.

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PACKAGING DIAGRAM

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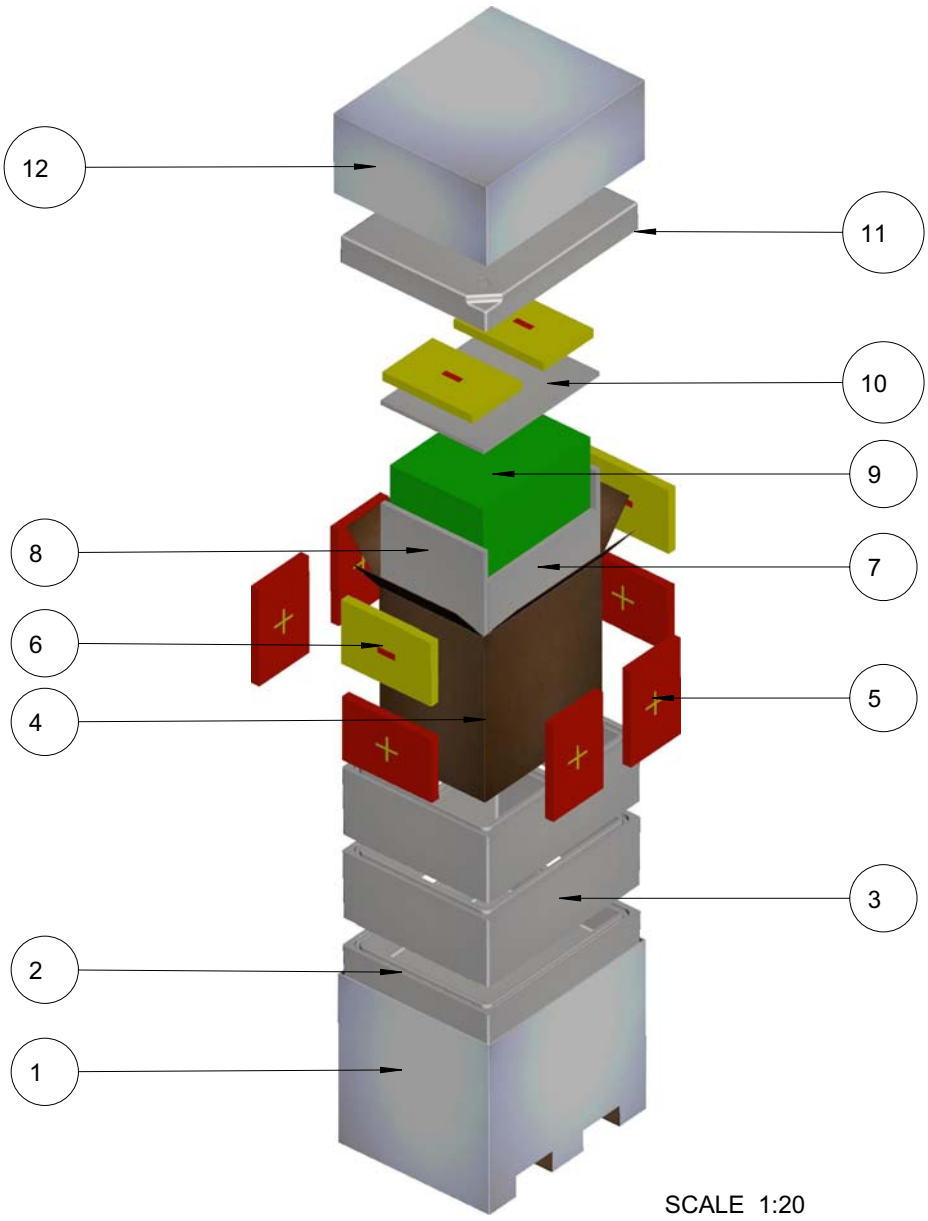
insulated shipping systems

Chilltherm® CT180 Winter Packaging Configuration



SCALE 1:20

	DESCRIPTION	QUANTITY	TEMPERATURE
1	Meditherm 10.75 Base Carton	1	22°C ±5°C
2	Meditherm 10.0 Base 15g/litre	1	22°C ±5°C
3	Meditherm 10.0 Ring 15g/litre	2	22°C ±5°C
4	Carton 0201b 675x510x750mm	1	22°C ±5°C
5	MediTray MT3T +5°C	6	5°C ±3°C
6	MediTray MT3T -18°C	4	-18°C ±5°C
7	Spacer SD 725x620x25mm	2	22°C ±5°C
8	Spacer SD 725x505x25mm	2	22°C ±5°C
9	Payload 620x455x725mm	1	5°C ±3°C
10	Spacer SD 670x505x20mm	1	22°C ±5°C
11	Meditherm 10.0 Lid 15g/litre	1	22°C ±5°C
12	Meditherm 10.75 Top Hat	1	22°C ±5°C

NOTE:

All -18°C MT packs to be conditioned at room temperature (+22°C ±5°C) for 60 minutes prior to assembly.

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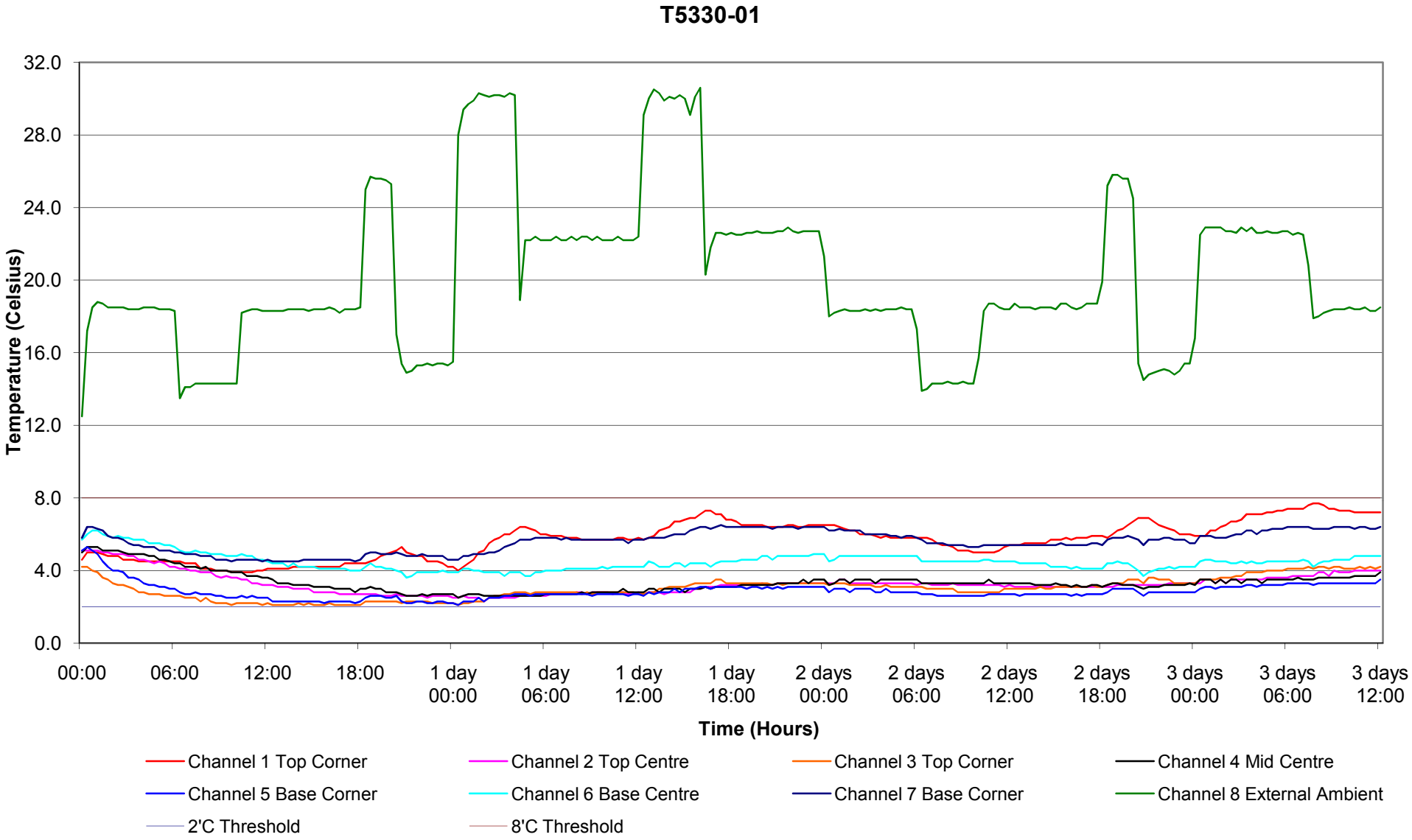
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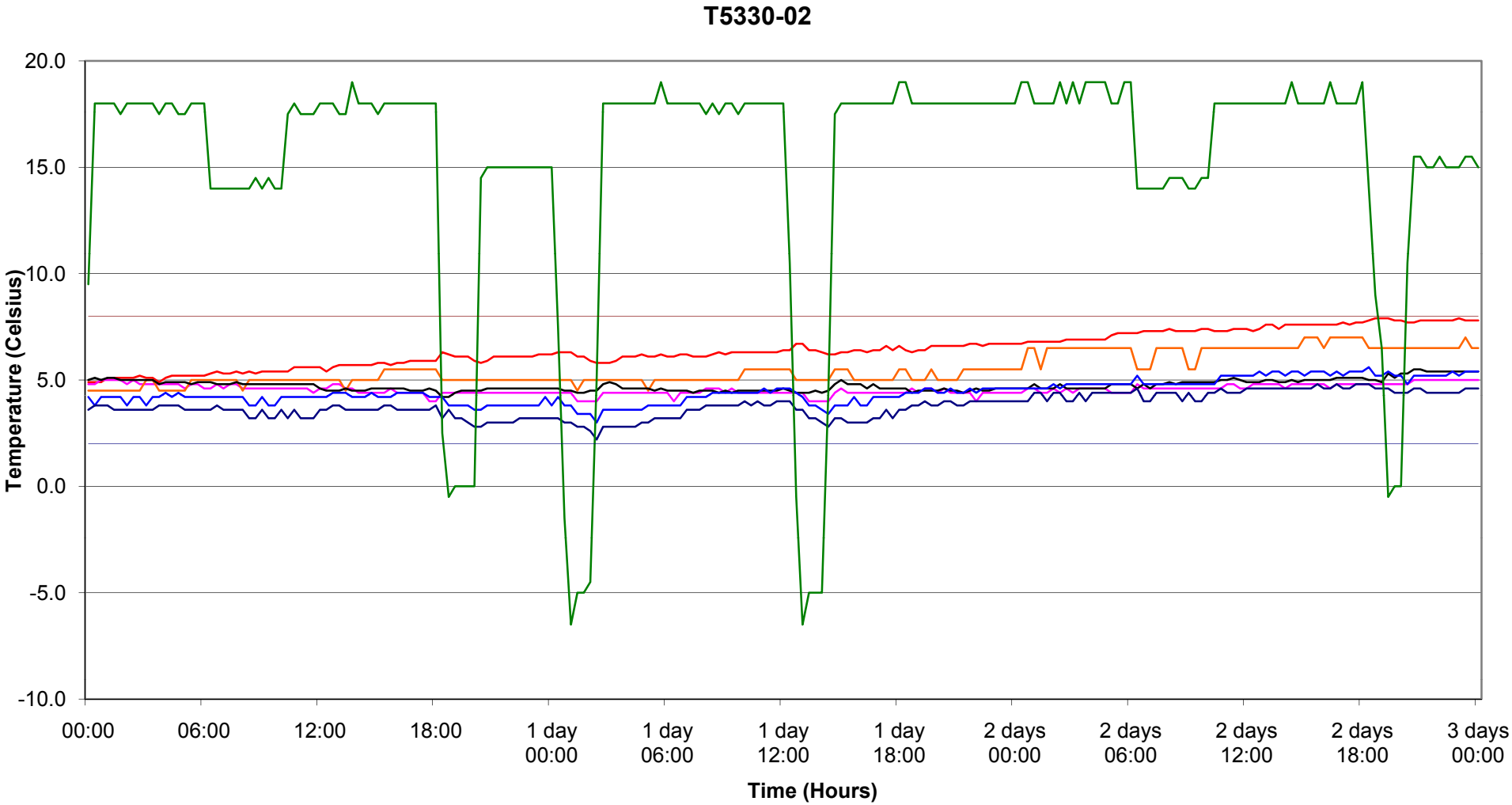
24.0
20.0
16.0
12.0
8.0
4.0
0.0
Temperature (Celsius)
00:00
06:00
12:00
18:00
1 day 00:00
1 day 06:00
1 day 12:00
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
Time (Hours)
Channel 1 Top Corner
Channel 2 Top Centre
Channel 3 Top Corner
Channel 4 Mid Centre
Channel 5 Base Corner
Channel 6 Base Centre
Channel 7 Base Corner
Channel 8 External Ambient
2'C Threshold
8'C Threshold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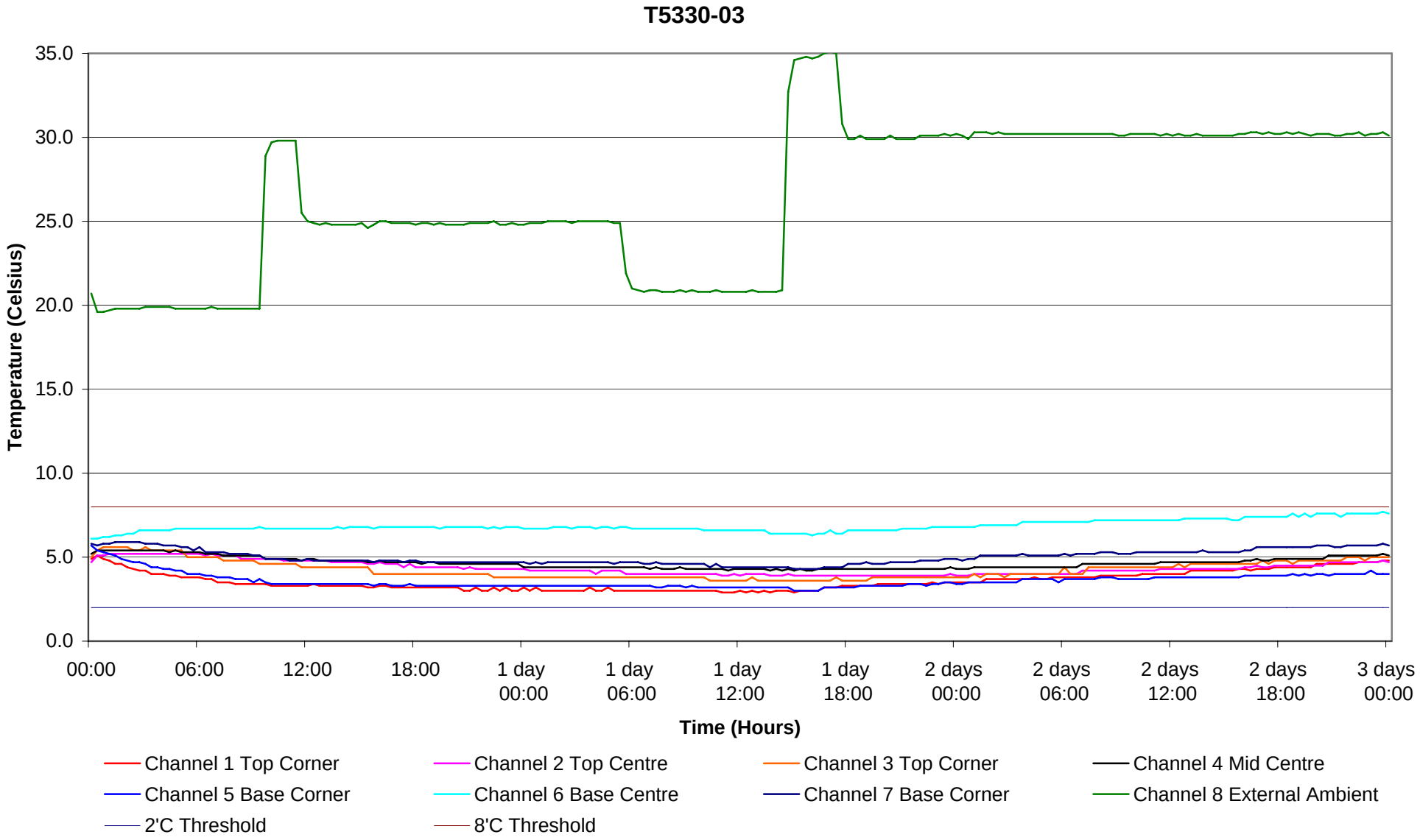
06:00
12:00
18:00
1 day 00:00
1 day 06:00
1 day 12:00
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
Time (Hours)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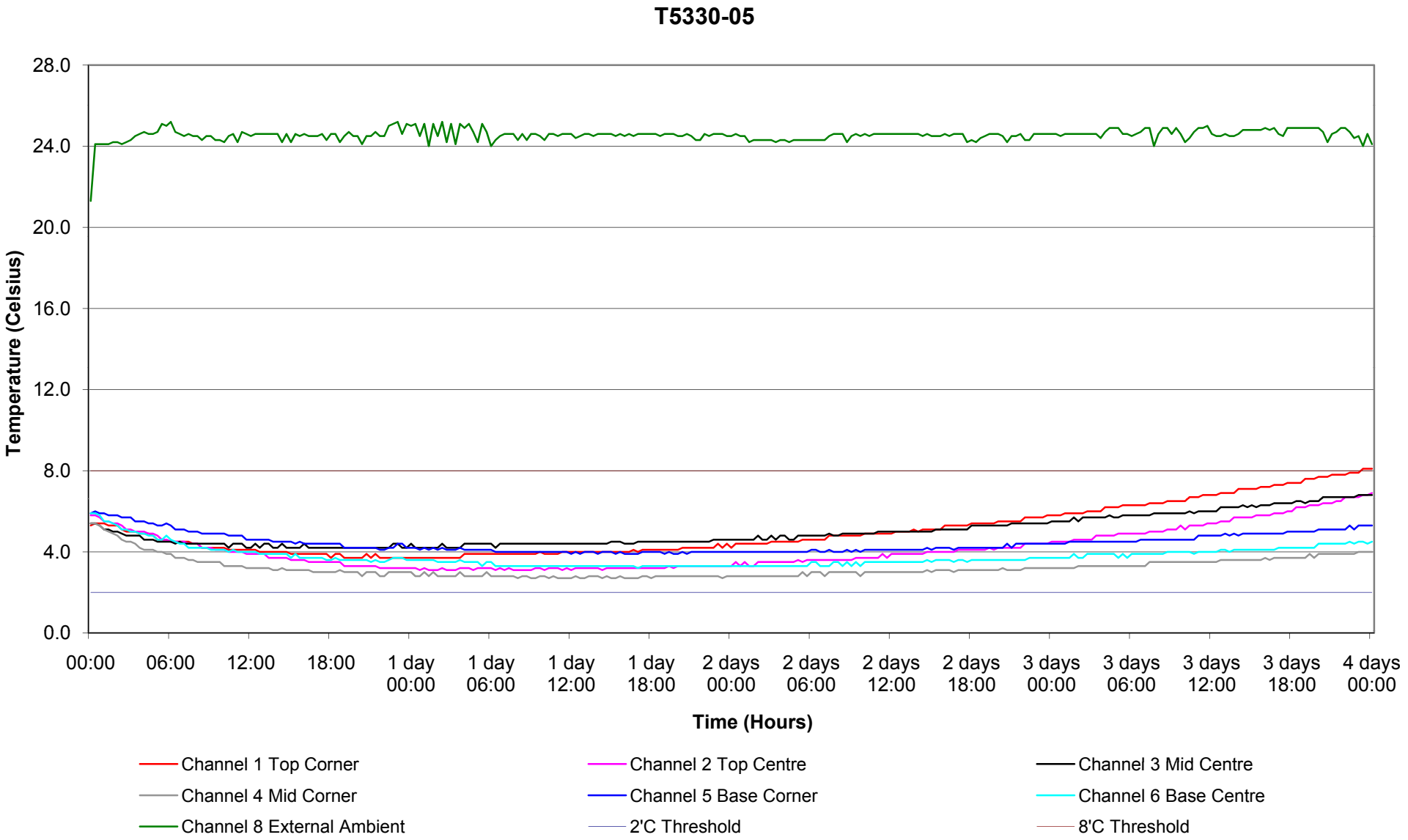
06:00
12:00
18:00
1 day 00:00
1 day 06:00
1 day 12:00
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
Time (Hours)
Channel 1 Top Corner
Channel 2 Top Centre
Channel 3 Top Corner
Channel 4 Mid Centre
Channel 5 Base Corner
Channel 6 Base Centre
Channel 7 Base Corner
Channel 8 External Ambient
2'C Threshold
8'C Threshold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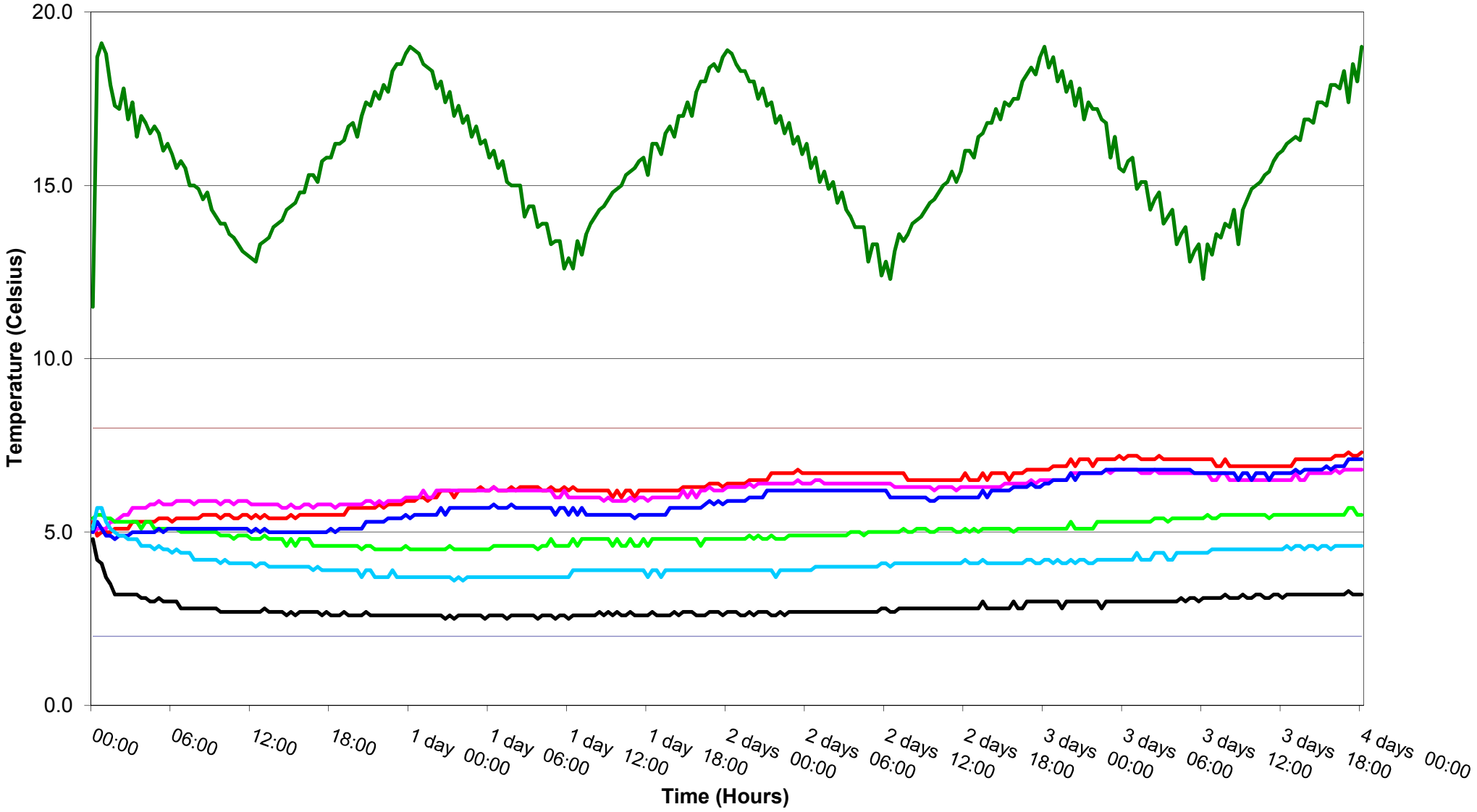
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Top Corner
Channel 2 Top Centre
Channel 3 Mid Centre
Channel 4 Mid Corner
Channel 5 Base Corner
Channel 6 Base Centre
Channel 8 External Ambient
2'C Threshold
8'C Threshold

T5330-10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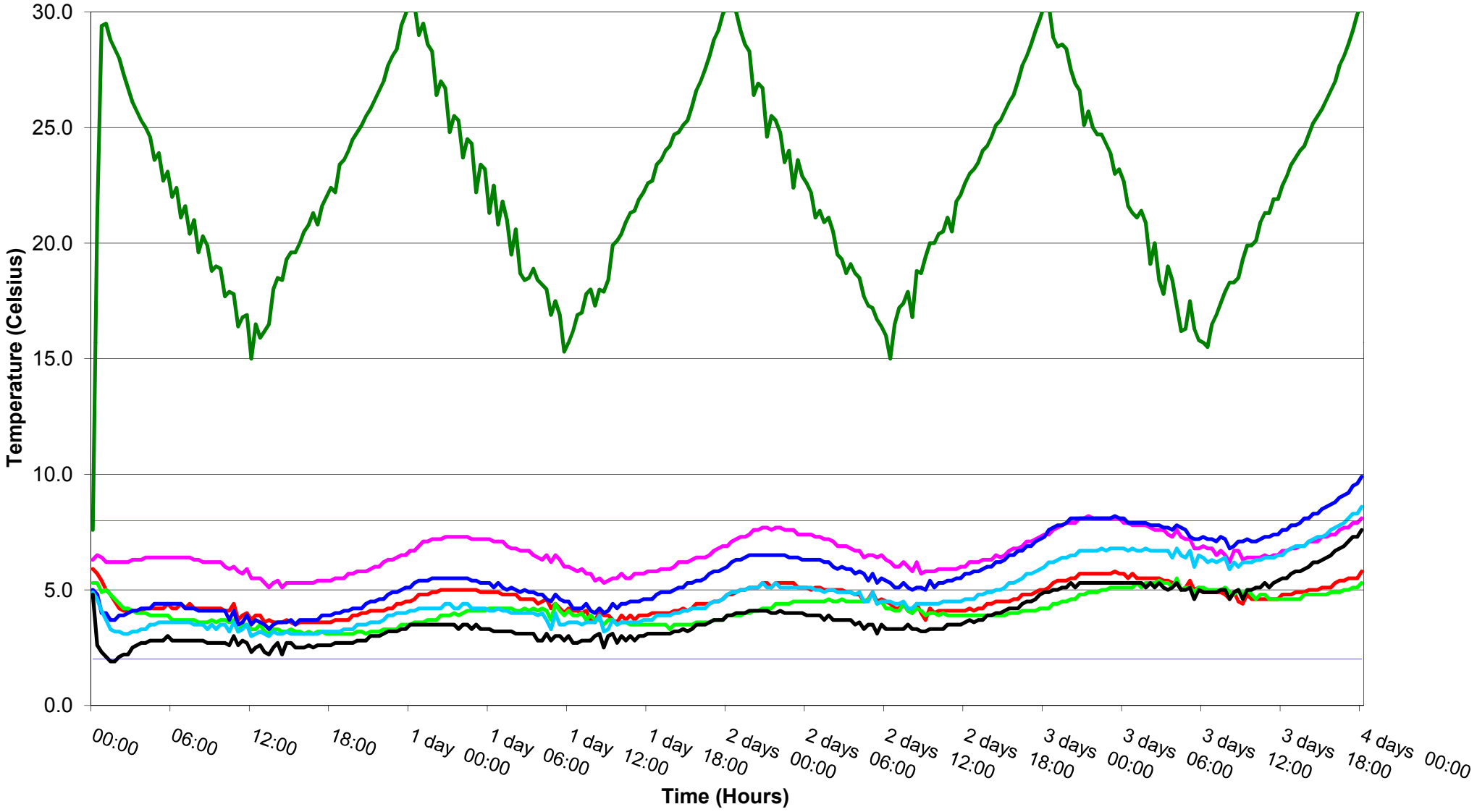
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold

T5330-13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Temperature (Celsius)
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12:00
18:00
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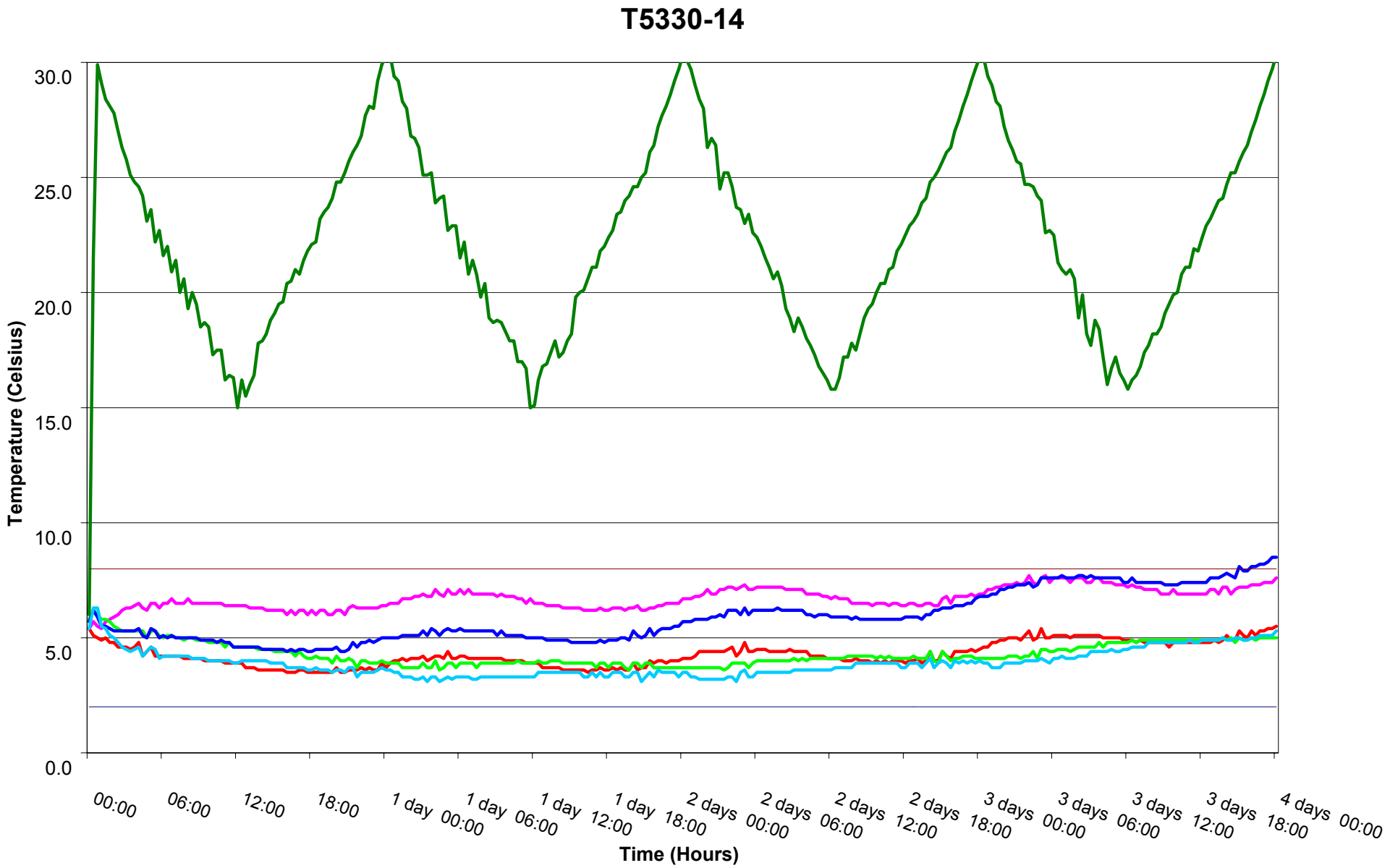
1 day 06:00
1 day 12:00
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold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2 days 00:00
2 days 06:00
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3 days 06:00
3 days 12:00
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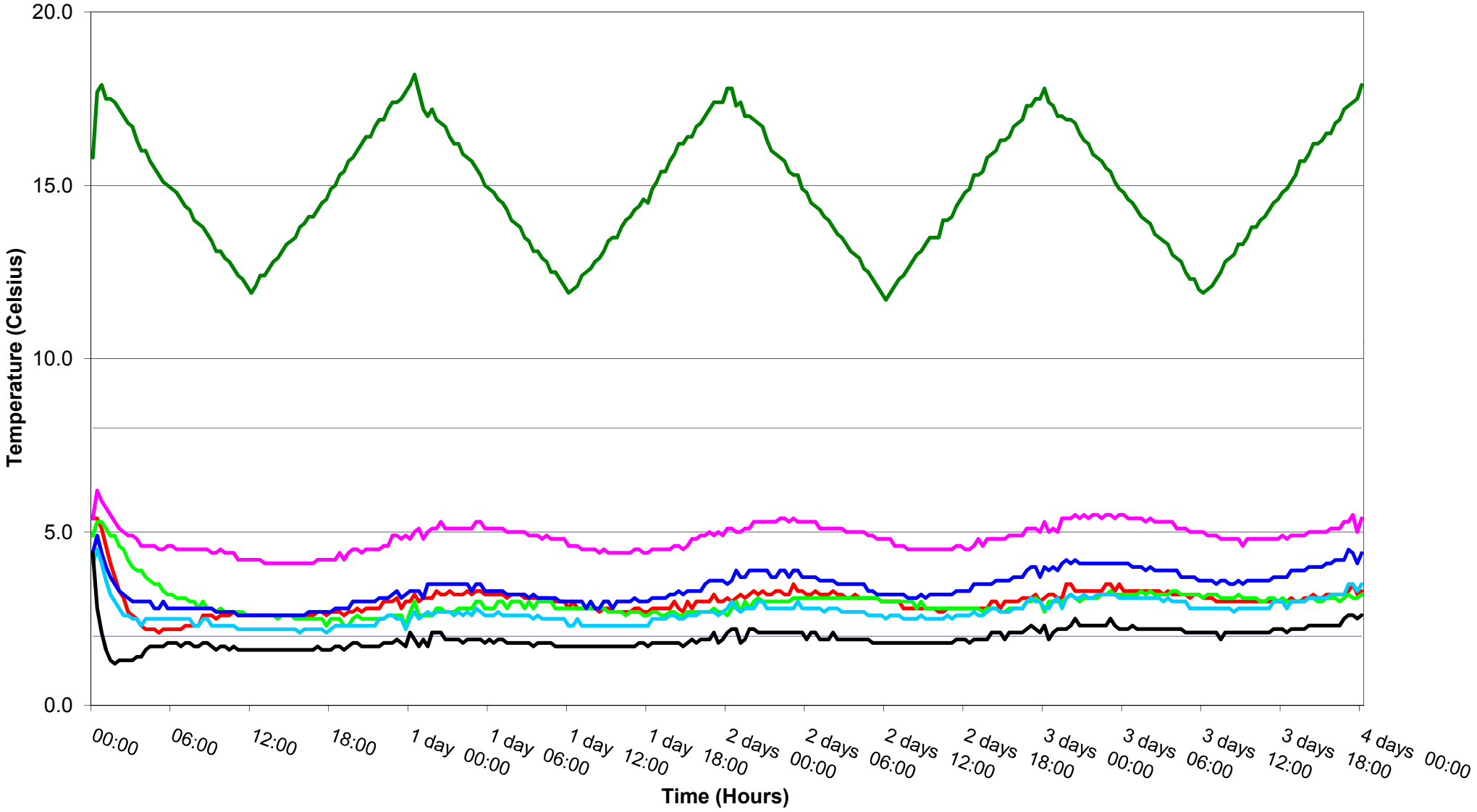
4 days 00:00
Time (Hours)

T5330-15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Temperature (Celsius)
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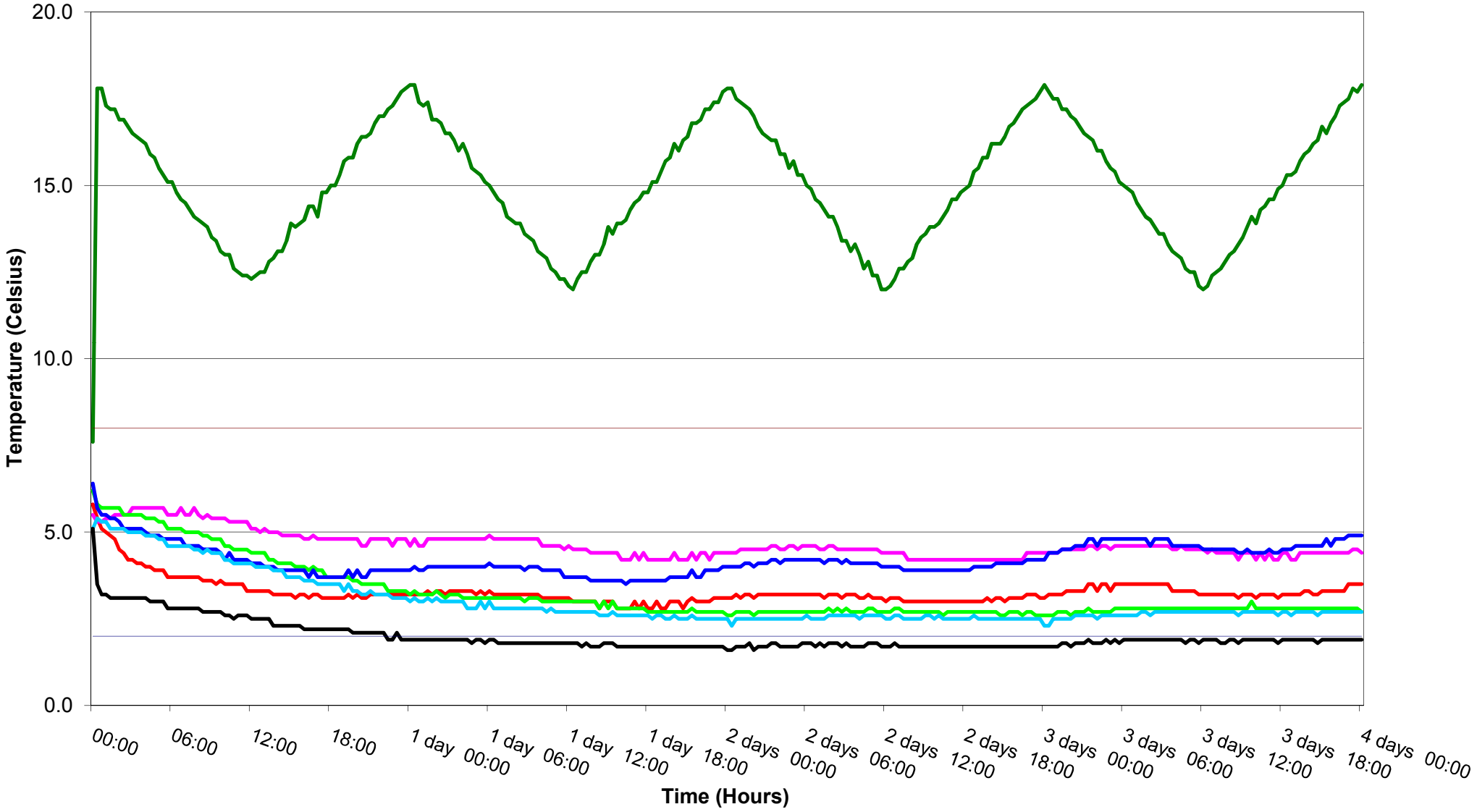
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold

T5330-17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Temperature (Celsius)
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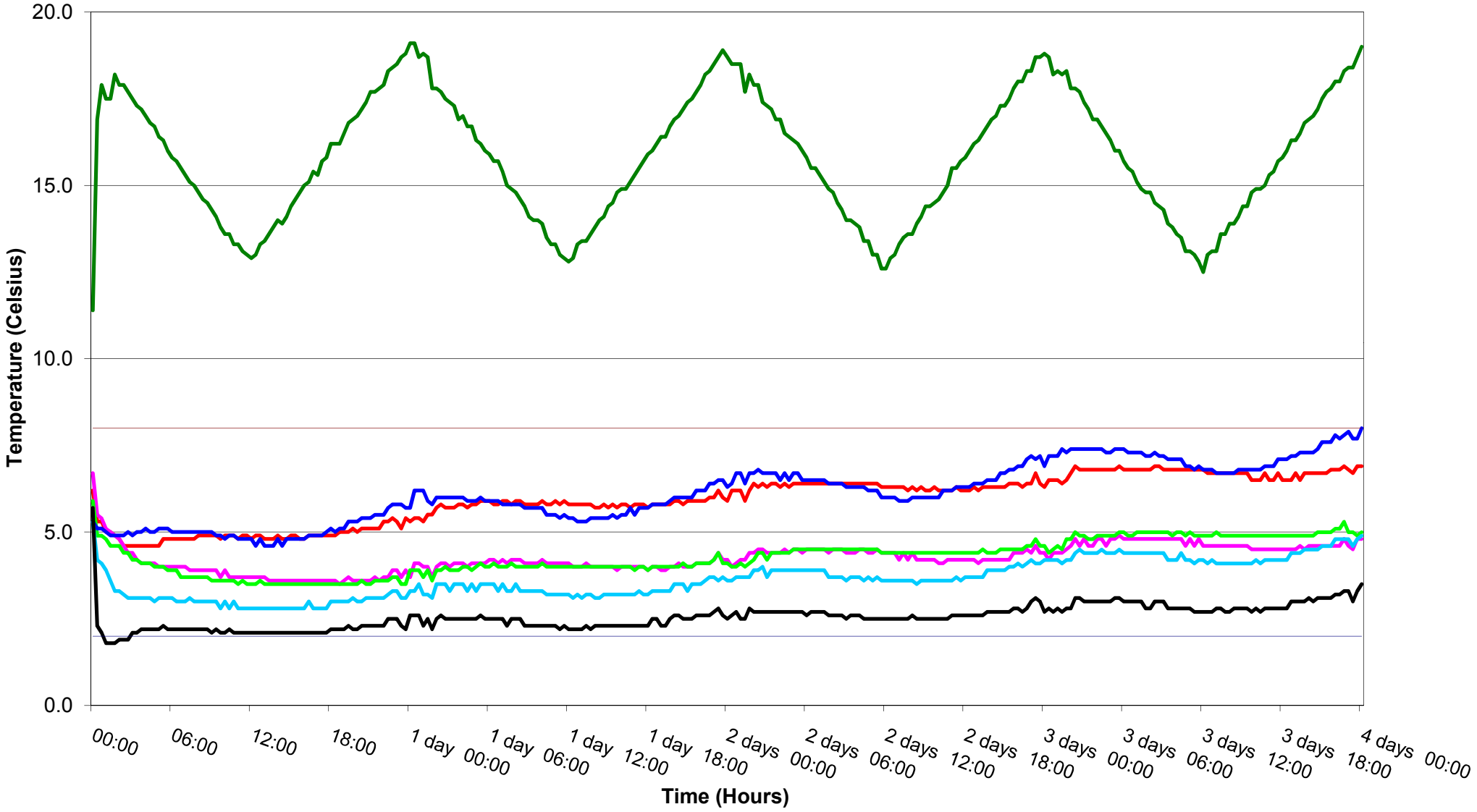
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold

T5330-18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Temperature (Celsius)
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18:00
1 day 00:00
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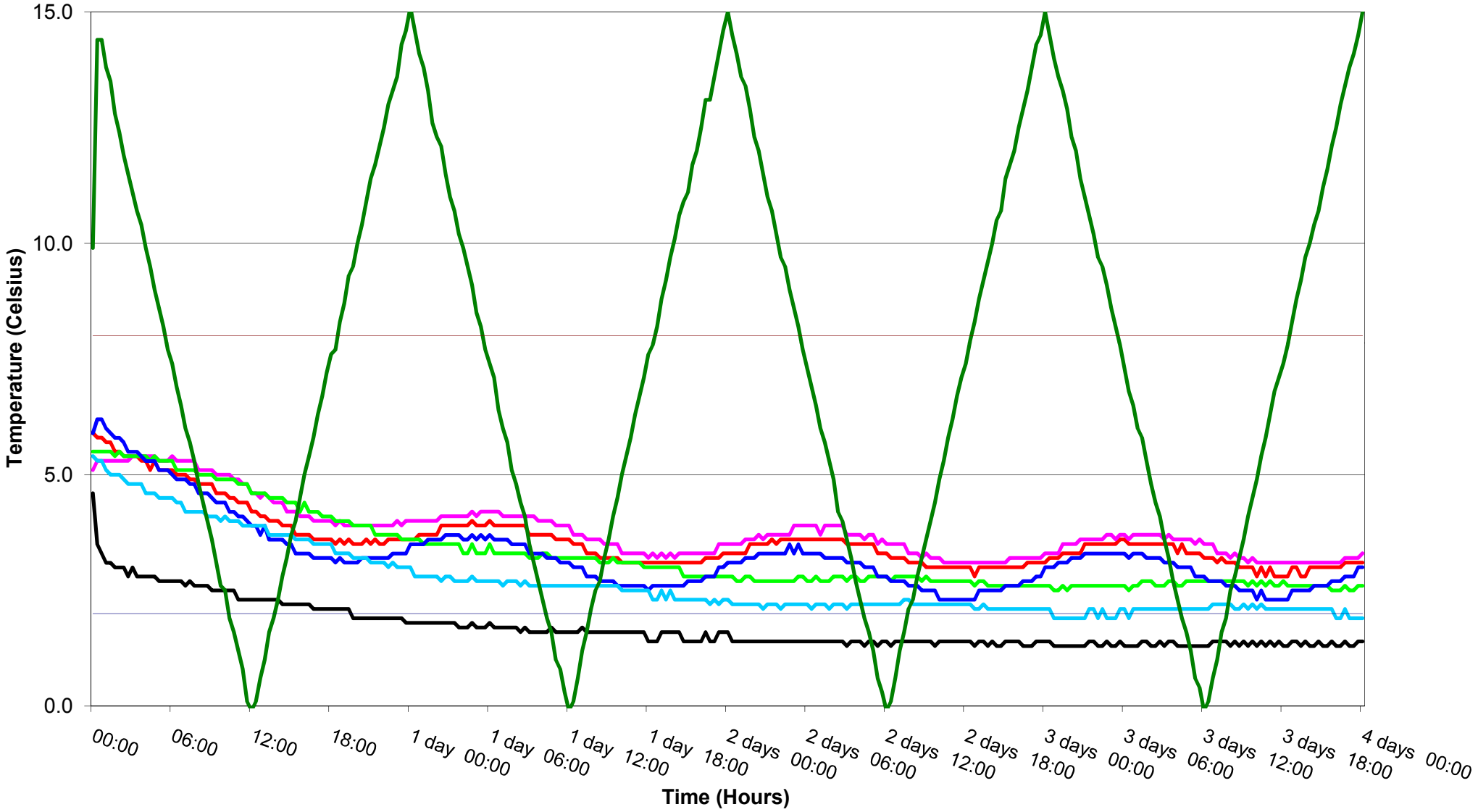
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold

T5330-20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Temperature (Celsius)
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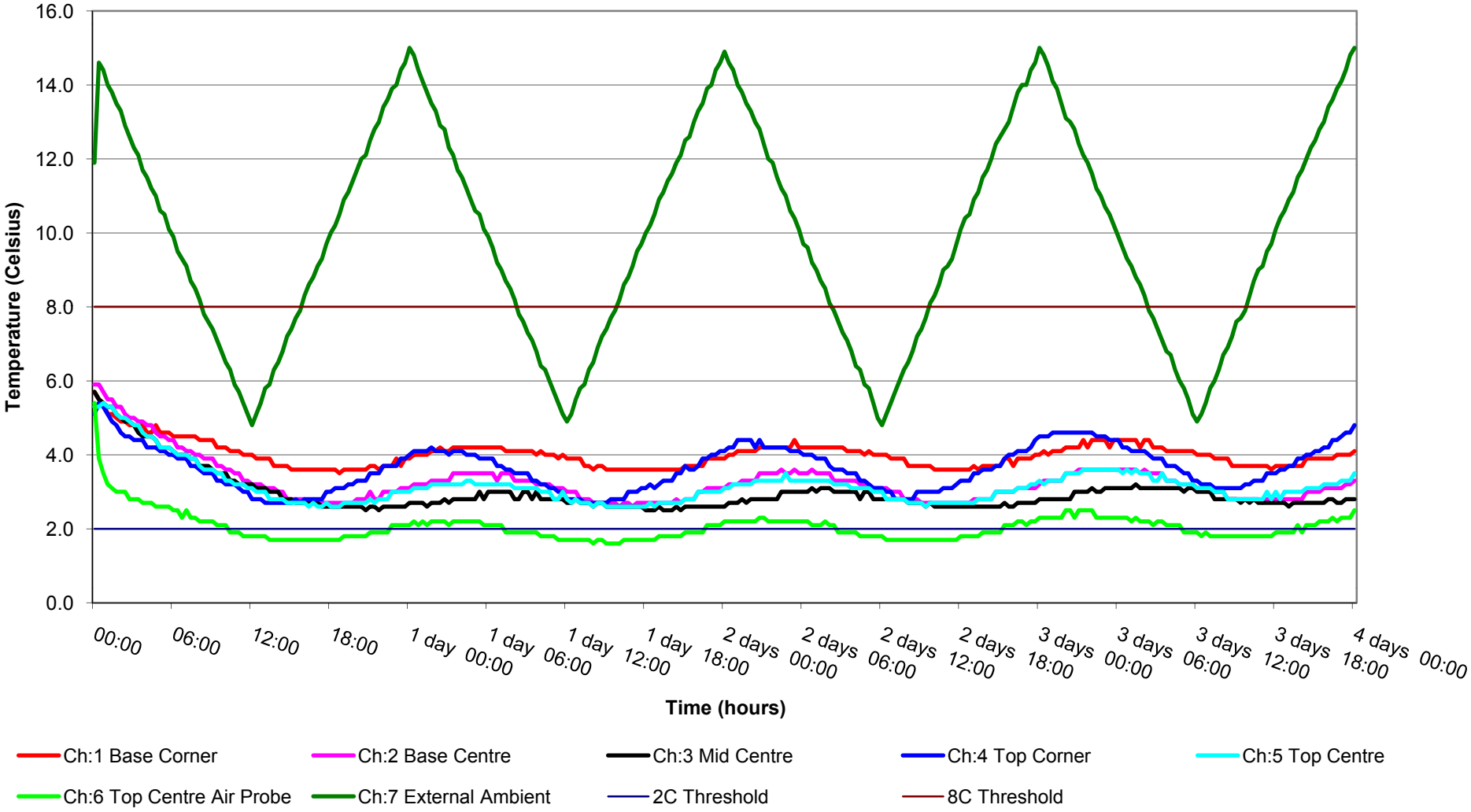
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (Hours)
Channel 1 Base Corner
Channel 2 Base Centre
Channel 3 Centre Mid
Channel 4 Top Corner
Channel 5 Top Centre
Channel 6 Top Centre Air Probe
Channel 7 External Ambient
2'C Threshold
8'C Threshold

T5330-21


16.0
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4.0
2.0
0.0
Temperature (Celsius)
00:00
06:00
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18:00
1 day 00:00
1 day 06:00
1 day 12:00
1 day 18:00
2 days 00:00
2 days 06:00
2 days 12:00
2 days 18:00
3 days 00:00
3 days 06:00
3 days 12:00
3 days 18:00
4 days 00:00
Time (hours)
Ch:1 Base Corner
Ch:2 Base Centre
Ch:3 Mid Centre
Ch:4 Top Corner
Ch:5 Top Centre
Ch:6 Top Centre Air Probe
Ch:7 External Ambient
2C Threshold
8C Threshold