

11/10/84 - LITHCOL No. 10 TUNNEL - Down. Direction

SYDNEY END

① BAROMETERS, ANEMOMETER and WET/DRY Bulb Readings - 60m. Before train arrived near composite

TIME 1425
BAROMETERS 704.5 mm-Hg
AIR VEL. 3 m/sec

② READINGS AT 250 and 400m mark

TIME BAROMETERS AIR VEL. WET Bulb Dry Bulb - 400m
1440 704.4 mm-Hg 3 m/sec 5.5 7
1445 704.4 mm-Hg 3 m/sec 5.5 75 - 250-

③ READINGS AT NO. 10 TUNNEL - 10m from Tunnel Entrance

TIME AIR VEL. AIR PRESSURE mm-Hg
1458 2 Air flow lost to East

1506 3 "

1513 2.8 "

1516 3.5 "

1521 3 "

1526 (Train Arriving) 3.5 "

1527 1 "

1528 0 Air flow - Remains at East End

1529 0 West

1530 0

1530/1531 0.5

1531 0.8

1532 1

1533 1.2

1534 1.8

1535 1.6

1535/1536 0

1536 0

1537 0

1538 0.1

1539 0

1540 2

1541 1

1542 0.5

Time
1543
1544
1545
1546

Air Vel. - ft/sec
2
2
2.2
2

Air Pressure - in Hg
706
705
705
705
705

21/8/84 - LITGOW NO. 10 TUNNEL - DOWN DIRECTION
AIR FLOWS TAKEN 10 METRES FROM TUNNEL ENTRANCE LITGOW END

Time: 3.26pm Air Flow: 1 m/sec. (Train at Breaking Point in Tunnel)
3.27pm 3.5 m/sec (Train at Diag. 4 Position)

NOTE: BETWEEN 3.26 and 3.27pm Air Flow Remained 5 m/sec.

NOTE ALSO: TRAIN WAS AT A STOP AT 3.26 and FROM THIS POINT
UNTIL 4.21pm AT WHICH TIME THE TRAIN MOVED OFF N/A
AIR FLOW WAS RECORDED.

AT 4.21pm AS TRAIN WAS MOVING OFF 2 m/sec. WAS
RECORDED
AT 4.22pm TRAIN HAD LEFT TEST SITE AND N/A AIR
FLOW WAS RECORDED.

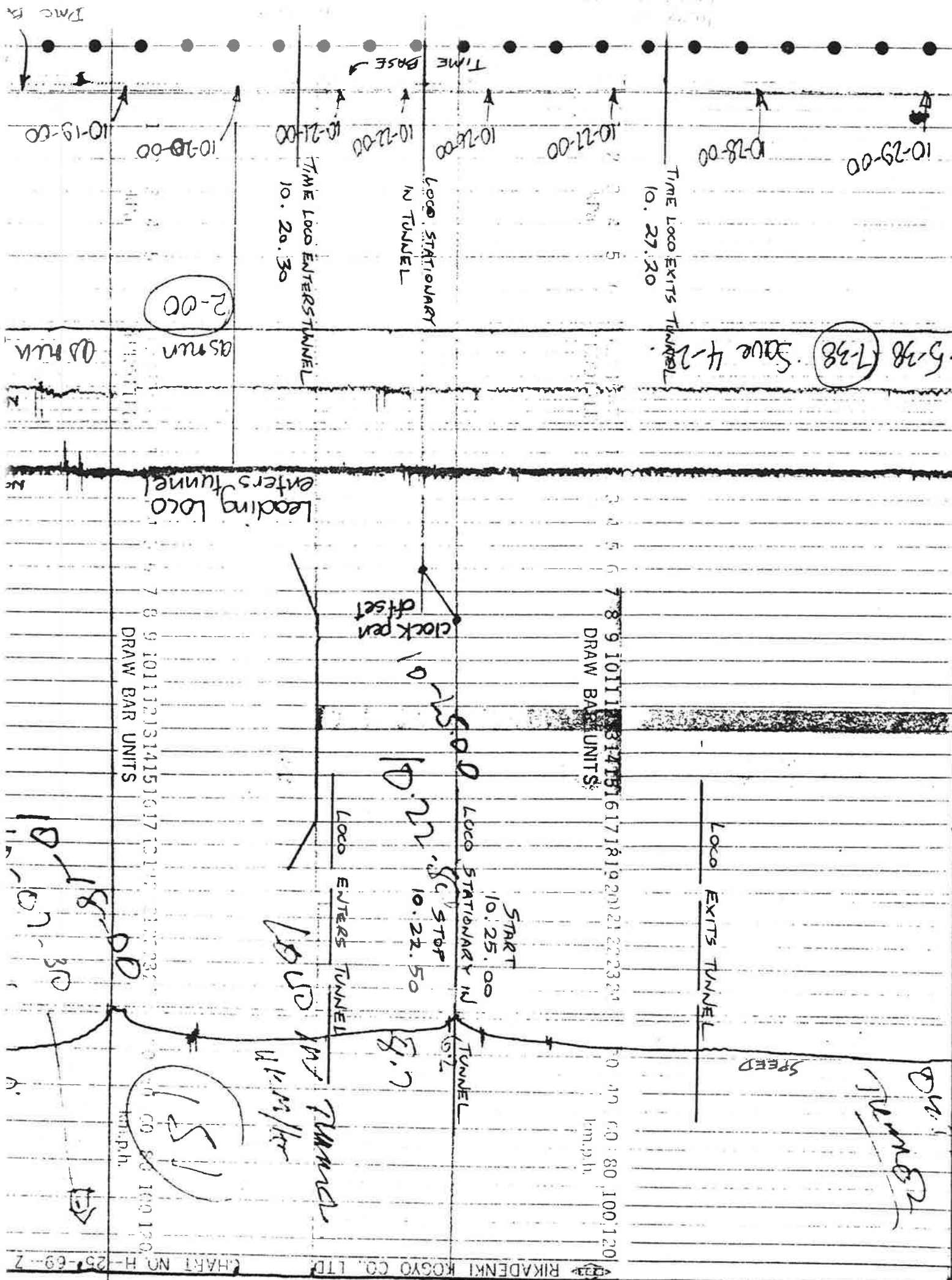
NOTE: ALL AIR FLOW WAS IN THE DIRECTION OF TRAIN TRAVEL.

NOTE: LOGGED TRAIN IN UP DIRECTION RECORDED N/A AIR FLOW
ON APPROACHING BRINE STATIONARY AND DEPARTING TEST SITE.
RECORDING TIMES WERE BETWEEN 10:18pm and 10:28pm

K. H. Gow No 10 Tunnel Air Flow Measurement Results in the UP Direction 21-8-84

Time (pm)	Velocity Air (m/s)	Wind Direction	Barometer Reading (mmHg)	Dry Bulb Temp (°C)	Wet Bulb Temp (°C)	Position
9:42	2	East to West	708	6	4	Composite
9:58	1	"	710	6.5	5	400M
10:02	0	"	708	6.5	4.5	250M
10:10	0	"	706			10M Outside Tunnel Entrance
10:12	1	"				
10:15	0	"	707			
10:16	0	"				
10:20	0.5	"	706.5			
10:21	1	"	707			
10:22	0.5	"				
10:23	0	"	708			
10:24	0.1	"	707			
10:25	0	"	707			
10:26	0.5	"				
10:27	0.5	West to East				
10:28	1	East to West				
10:30	0.5	"				
10:31	0	"				
10:32	0	"				
10:33	0.5	"				
10:34	0	"				
10:35	0	"				
10:36	0		708			
10:37	0					
10:38	0					
10:39	0					
10:40	0					

START TEST 2/18/84
 TIMES INDICATED ARE AS RECORDED BY DYDAMOMETER CAR.



RIKADENKI KOGYO CO., LTD.

CHART NO. H-25-69-2

TELEPHONE MESSAGE

JOB FILE 8/6
 PHONE CALL TO/FROM P Robinson
 OF 3KA.
 PHONE 12.15
 DATE 11/11/84.

DETAILS OF MESSAGE:

(1) TIME DISCREPANCY: DYNAMOMETER CAL TIMES ARE RESPONSIBLY
 WITH STEVE WRITES TIMES. IE. TEST SHEET 20/8/84.

RESULTS IN SEQUENCE OF EVENTS IN LETTER

TRAIN STOPS.	STEVE WHITE	DYNA. / CMT	NOT CORRECT.
10:22:40		10:22:50	
10:24:53		10:25:00	

28/8/84

(2) AIR QUALITY DATA & REPORT FOLLOWED TO SKI TODAY.
 MAY ACQUIRE FURTHER EXPLANATION FROM B. VALLANTINE.
 (3) BUREAU FEES: VENTILATION. PR MADE NOTES, REQUESTS TO THEM WITH
 EVANS TAYLOR THEN WILL DISCUSS WITH ME. BY 16/11/84.

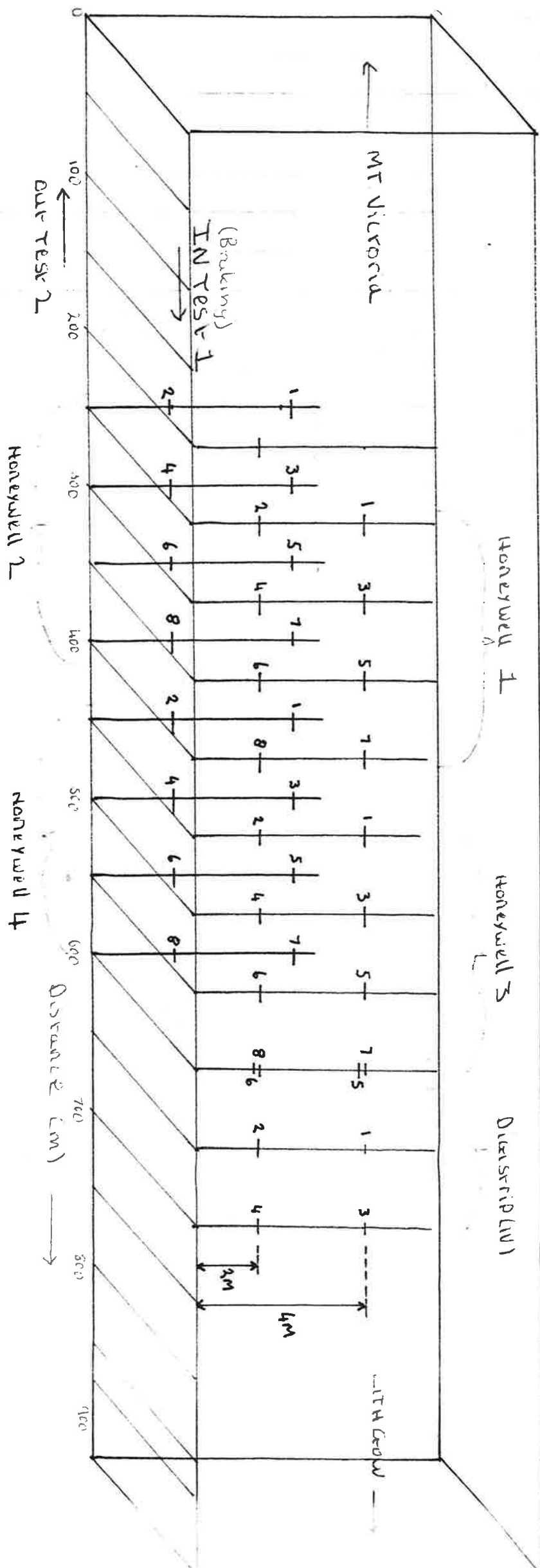
CIRCULATION & ACTION

BY: J. Robinson.

NAME	ACTION REQUIRED	INIT	DATE
G.B.	ADVISE SMC OF ①	8/6	
G.B.	SEND COPY OF SMC'S REPORTS TO PR MEX COMMENT.	8/6	

ZIG ZAG NO. 10 TUNNEL THERMOCOUPLE S LOCATIONS - DISTANCE

LINETS ON BLUE SIDE



TEMPERATURE

TEST 1 HONEYWELL 1

Temperature versus Time

Scale 1cm = 10 seconds

1cm = 1°C

- T/C NO 2, 1m High @ 250m.
- T/C NO 3 1m High @ 300m
- T/C NO 5 1m High @ 350m
- T/C NO 7 1m High @ 400m

T/C NO. 7
T/C NO. 5
T/C NO. 3
T/C NO. 1

GAF A4 1mm

14.47.16.8	7	50	15.20.14.2	7	55	15.27.45.6	3	6.0
14.47.14.7	8	55	15.20.21.6	8	55			
14.47.21.6	1	50	15.20.24.6	1	55			

Temperature

TEST 1 HONEYWELL 1

T/C NO. 8 2m High @ 400m

T/C NO. 6 2m High @ 350m

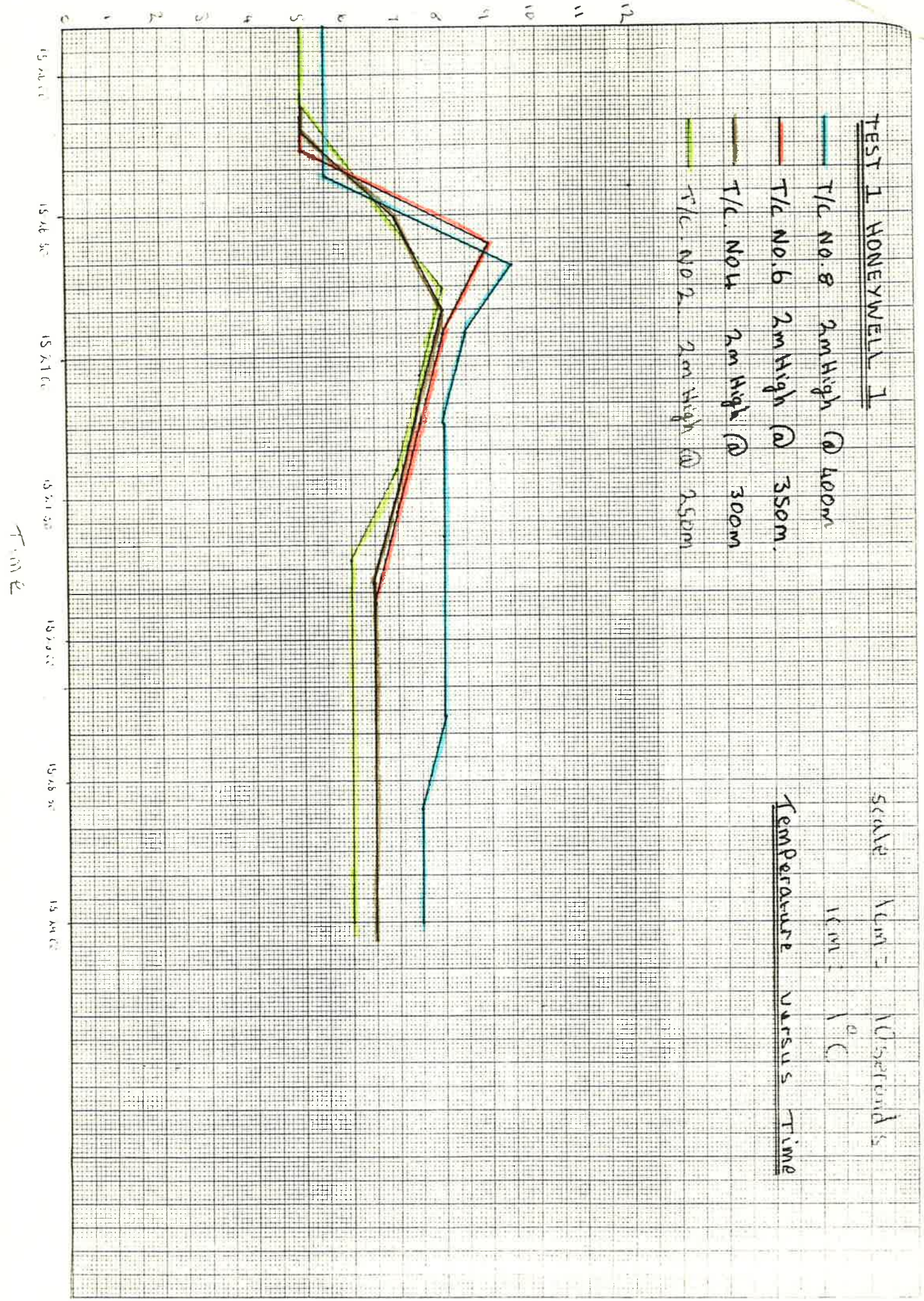
T/C NO. 4 2m High @ 300m

T/C NO. 2 2m High @ 250m

Scale 1cm = 10 seconds

1cm = 1°C

Temperature versus Time



GAF A4 1mm

14.47.16.8 7 50 15.20.14.2 7 5.5 15.27.45.6 3 6.0

14.47.16.8 8 5.5

14.47.16.8 1 5.5

TEST I Honeywell I

Time T.C. WD Temp° C Time T.C. WD Temp° C

14.46.00	7	5.5	14.47.26.4	3	5.0	15.26.28.8	3	5.5
14.46.02.4	8	6.0	14.47.28.8	4	5.0	15.26.31.7	4	7.0
14.46.04.8	1	5.0	14.47.31.7	5	5.0	15.26.33.6	5	7.0
14.46.07.2	2	5.0	14.47.33.6	6	5.5	15.26.36.00	6	9.0
14.46.09.6	3	5.0	14.47.36.00	7	5.5	15.26.38.4	7	12.0
14.46.12.00	4	5.0	14.47.38.4	8	5.5	15.26.40.8	8	9.5
14.46.14.4	5	5.0	14.47.40.8	1	5.0	15.26.43.2	1	8.0
14.46.16.8	6	5.0	14.47.43.2	2	5.0	15.26.45.6	2	8.0
14.46.19.2	7	5.0	14.47.45.6	3	5.0	15.26.48.0	3	8.0
14.46.21.6	8	5.5	14.47.48.0	4	5.0	15.26.50.4	4	8.0
14.46.24.00	1	5.0	14.47.50.4	5	5.0	15.26.52.8	5	8.0
14.46.26.4	2	5.0	14.47.52.8	6	5.5	15.26.55.2	6	8.0
14.46.28.8	3	5.0	14.47.55.2	7	5.5	15.26.57.6	7	8.5
14.46.31.2	4	5.0	14.47.57.6	8	5.5	15.27.00	8	8.5
14.46.33.6	5	5.0	14.48.00	1	5.0	15.27.02.4	1	7.5
14.46.36.00	6	5.0	14.48.02.4	2	5.0	15.27.04.8	2	7.5
14.46.38.4	7	5.5	14.48.04.8	3	5.0	15.27.07.2	3	7.5
14.46.40.8	8	5.5	14.48.07.2	4	5.0	15.27.09.6	4	7.5
14.46.43.2	1	5.0	14.48.09.6	5	5.0	15.27.12.00	5	7.5
14.46.45.6	2	5.0	14.48.12.00	6	5.5	15.27.14.4	6	7.5
14.46.48.0	3	5.0	14.48.14.4	7	5.5	15.27.16.8	7	8.0
14.46.50.4	4	5.0	14.48.16.8	8	5.5	15.27.19.2	8	8.0
14.46.52.8	5	5.5	Temperature remains constant 30.25° C until next reading				1	7.0
14.46.55.2	6	5.5	15.27.21.6	2	7.0	15.27.24.00	2	7.0
14.46.57.6	7	6.0	15.26.00	7	5.5	15.27.26.4	3	7.0
14.47.00	8	6.0	15.26.02.4	8	5.5	15.27.28.8	4	7.0
14.47.02.4	1	5.0	15.26.04.8	1	5.0	15.27.31.2	5	7.0
14.47.04.8	2	5.0	15.26.07.2	2	5.0	15.27.33.6	6	7.0
14.47.07.2	3	5.0	15.26.09.6	3	5.0	15.27.36.00	7	8.0
14.47.09.6	4	5.0	15.26.12.00	4	5.0	15.27.38.4	8	8.0
14.47.12.00	5	5.0	15.26.14.4	5	5.0	15.27.40.8	1	9.5
14.47.14.4	6	5.0	15.26.16.8	6	5.0	15.27.43.2	1	8.0
14.47.16.8	7	5.0	15.26.19.2	7	5.5	15.27.45.6	2	8.0
14.47.19.2	8	5.5	15.26.21.6	8	5.5	15.27.48.0	3	8.0
14.47.21.6	1	5.5	15.26.24.00	1	5.5	15.27.50.4	4	8.0
14.47.24.00	2	6.0	15.26.26.4	2	5.5	15.26.52.8	5	8.0
14.47.26.4	3	6.0	15.26.28.8	3	5.5	15.26.55.2	6	8.0
14.47.28.8	4	6.0	15.26.31.2	4	5.5	15.26.57.6	7	8.5
14.47.31.2	5	5.0	15.26.33.6	5	5.0	15.27.00	8	8.5
14.47.33.6	6	5.0	15.26.36.00	6	5.5	15.27.02.4	1	7.5
14.47.36.00	7	5.0	15.26.38.4	7	5.5	15.27.04.8	2	7.5
14.47.38.4	8	5.0	15.26.40.8	8	5.5	15.27.07.2	3	7.5
14.47.40.8	1	5.0	15.26.43.2	1	5.0	15.27.09.6	4	7.5
14.47.43.2	2	5.0	15.26.45.6	2	5.0	15.27.12.00	5	7.5
14.47.45.6	3	5.0	15.26.48.0	3	5.0	15.27.14.4	6	7.5
14.47.48.0	4	5.5	15.26.50.4	4	5.0	15.27.16.8	7	8.0
14.47.50.4	5	5.0	15.26.52.8	5	5.0	15.27.19.2	8	8.0
14.47.52.8	6	5.0	15.26.55.2	6	5.5	15.27.21.6	1	7.0
14.47.55.2	7	5.0	15.26.57.6	7	5.5	15.27.24.00	2	7.0
14.47.57.6	8	5.0	15.27.00	8	5.5	15.27.26.4	3	7.0
14.48.00	1	5.0	15.27.02.4	1	5.0	15.27.28.8	4	7.0
14.48.02.4	2	5.0	15.27.04.8	2	5.0	15.27.31.2	5	7.0
14.48.04.8	3	5.0	15.27.07.2	3	5.0	15.27.33.6	6	9.0
14.48.07.2	4	5.0	15.27.09.6	4	5.0	15.26.36.00	7	12.0
14.48.09.6	5	5.0	15.27.12.00	5	5.0	15.26.38.4	8	9.5
14.48.12.00	6	5.0	15.27.14.4	6	5.5	15.26.40.8	1	8.0
14.48.14.4	7	5.0	15.27.16.8	7	5.5	15.26.43.2	1	8.0
14.48.16.8	8	5.0	15.27.19.2	8	5.5	15.26.45.6	2	8.0
14.48.19.2	1	5.0	15.27.21.6	1	5.0	15.26.48.0	3	8.0
14.48.21.6	2	5.0	15.27.24.00	2	5.0	15.26.50.4	4	8.0
14.48.24.00	3	5.0	15.27.26.4	3	5.0	15.26.52.8	5	8.0
14.48.26.4	4	5.0	15.27.28.8	4	5.0	15.26.55.2	6	8.0
14.48.28.8	5	5.0	15.27.31.2	5	5.0	15.26.57.6	7	8.5
14.48.31.2	6	5.0	15.27.33.6	6	5.5	15.27.00	8	8.5
14.48.33.6	7	5.0	15.27.36.00	7	5.5	15.27.02.4	1	7.5
14.48.36.00	8	5.0	15.27.38.4	8	5.5	15.27.04.8	2	7.5
14.48.38.4	1	5.0	15.27.40.8	1	5.0	15.27.07.2	3	7.5
14.48.40.8	2	5.0	15.27.43.2	2	5.0	15.27.09.6	4	7.5
14.48.43.2	3	5.0	15.27.45.6	3	5.0	15.27.12.00	5	7.5
14.48.45.6	4	5.0	15.27.48.0	4	5.0	15.27.14.4	6	7.5
14.48.48.0	5	5.0	15.27.50.4	5	5.0	15.27.16.8	7	8.0
14.48.50.4	6	5.0	15.27.52.8	6	5.0	15.27.19.2	8	8.0
14.48.52.8	7	5.0	15.27.55.2	7	5.0	15.27.21.6	1	7.0
14.48.55.2	8	5.0	15.27.57.6	8	5.5	15.27.24.00	2	7.0
14.48.57.6	1	5.0	15.28.00	1	5.0	15.27.26.4	3	7.0
14.49.00	2	5.0	15.28.02.4	2	5.0	15.27.28.8	4	7.0
14.49.02.4	3	5.0	15.28.04.8	3	5.0	15.27.31.2	5	7.0
14.49.04.8	4	5.0	15.28.07.2	4	5.0	15.27.33.6	6	9.0
14.49.07.2	5	5.0	15.28.09.6	5	5.0	15.26.36.00	7	12.0
14.49.09.6	6	5.0	15.28.12.00	6	5.5	15.26.38.4	8	9.5
14.49.12.00	7	5.0	15.28.14.4	7	5.5	15.26.40.8	1	8.0
14.49.14.4	8	5.0	15.28.16.8	8	5.5	15.26.43.2	1	8.0
14.49.16.8	1	5.0	15.28.19.2	1	5.0	15.26.45.6	2	8.0
14.49.19.2	2	5.0	15.28.21.6	2	5.0	15.26.48.0	3	8.0
14.49.21.6	3	5.0	15.28.24.00	3	5.0	15.26.50.4	4	8.0
14.49.24.00	4	5.0	15.28.26.4	4	5.0	15.26.52.8	5	8.0
14.49.26.4	5	5.0	15.28.28.8	5	5.0	15.26.55.2	6	8.0
14.49.28.8	6	5.0	15.28.31.2	6	5.5	15.26.57.6	7	8.5
14.49.31.2	7	5.0	15.28.33.6	7	5.5	15.27.00	8	8.5
14.49.33.6	8	5.0	15.28.36.00	8	5.5	15.27.02.4	1	7.5
14.49.36.00	1	5.0	15.28.38.4	1	5.0	15.27.04.8	2	7.5
14.49.38.4	2	5.0	15.28.40.8	2	5.0	15.27.07.2	3	7.5
14.49.40.8	3	5.0	15.28.43.2	3	5.0	15.27.09.6	4	7.5
14.49.43.2	4	5.0	15.28.45.6	4	5.0	15.27.12.00	5	7.5
14.49.45.6	5	5.0	15.28.48.0	5	5.0	15.27.14.4	6	7.5
14.49.48.0	6	5.0	15.28.50.4	6	5.0	15.27.16.8	7	8.0
14.49.50.4	7	5.0	15.28.52.8	7	5.0	15.27.19.2	8	8.0
14.49.52.8	8	5.0	15.28.55.2	8	5.0	15.27.21.6	1	7.0
14.49.55.2	1	5.0	15.28.57.6	1	5.0	15.27.24.00	2	7.0
14.49.57.6	2	5.0	15.29.00	2	5.0	15.27.26.4	3	7.0
14.50.00	3	5.0	15.29.02.4	3	5.0	15.27.28.8	4	7.0
14.50.02.4	4	5.0	15.29.04.8	4	5.0	15.27.31.2	5	7.0
14.50.04.8	5	5.0	15.29.07.2	5	5.0	15.27.33.6	6	9.0
14.50.07.2	6	5.0	15.29.09.6	6	5.5	15.26.36.00	7	12.0
14.50.09.6	7	5.0	15.29.12.00	7	5.5	15.26.38.4	8	9.5
14.50.12.00	8	5.0	15.29.14.4	8	5.5	15.26.40.8	1	8.0
14.50.14.4	1	5.0	15.29.16.8	1	5.0	15.26.43.2	1	8.0
14.50.16.8	2	5.0	15.29.19.2	2	5.0	15.26.45.6	2	8.0
14.50.19.2	3	5.0	15.29.21.6	3	5.0	15.26.48.0	3	8.0
14.50.21.6	4	5.0	15.29.24.00	4	5.0	15.26.50.4	4	8.0
14.50.24.00	5	5.0	15.29.26.4	5	5.0	15.26.52.8	5	8.0
14.50.26.4	6	5.0	15.29.28.8	6	5.0	15.26.55.2	6	8.0
14.50.28.8	7	5.0	15.29.31.2	7	5.0	15.26.57.6	7	8.5
14.50.31.2	8	5.0	15.29.33.6	8	5.5	15.27.00	8	8.5
14.50.33.6	1	5.0	15.29.36.00	1	5.0	15.27.02.4	1	7.5
14.50.36.00	2	5.0	15.29.38.4	2	5.0	15.27.04.8	2	7.5
14.50.38.4	3	5.0	15.29.40.8	3	5.0	15.27.07.2	3	7.5
14.50.40.8	4	5.0	15.29.43.2	4	5.0	15.27.09.6	4	7.5
14.50.43.2	5	5.0	15.29.45.6	5	5.0	15.27.12.00	5	7.5
14.50.45.6	6	5.0	15.29.48.0	6	5.0	15.27.14.4	6	7.5
14.50.48.0	7	5.0	15.29.50.4	7	5.0	15.27.16.8	7	8.0
14.50.50.4	8	5.0	15.29.52.8	8	5.0	15.27.19.2	8	8.0
14.50.52.8	1	5.0	15.29.55.2	1	5.0	15.27.21.6	1	7.0
14.50.55.2	2	5.0	15.29.57.6	2	5.0	15.27.24.00	2	7.0
14.50.57.6	3	5.0	15.30.00	3	5.0	15.27.26.4	3	7.0
14.51.00	4	5.0	15.30.02.4	4	5.0	15.27.28.8	4	7.0
14.51.02.4	5	5.0	15.30.04.8	5	5.0	15.27.31.2	5	7.0
14.51.04.8	6	5.0	15.30.07.2	6	5.0	15.27.33.6	6	9.0
14.51.07.2	7	5.0	15.30.09.6	7	5.5	15.26.36.00	7	12.0
14.51.09.6	8	5.0	15.30.12.00	8	5.5	15.26.38.4	8	9.5
14.51.12.00	1	5.0	15.30.14.4	1	5.0	15.26.40.8	1	8.0
14.51.14.4	2	5.0	15.30.16.8	2	5.0	15.26.43.2	1	8.0
14.51.16.8	3	5.0	15.30.19.2	3	5.0	15.26.45.6	2	8.0
14.51.19.2	4	5.0	15.30.21.6	4	5.0	15.26.48.0	3	8.0
14.51.21.6	5	5.0	15.30.24.00					

Time	T.C. No.	Temp °C	Time	T.C. No.	Temp °C
15.27.55.2	7	8.0	16.21.00	6	6.5
15.27.57.6	8	8.0	16.21.02.4	7	7.0
15.28.00	1	6.0	16.21.04.8	8	7.0
15.28.02.4	2	6.0	16.21.07.2	1	6.0
15.28.04.8	3	6.5	16.21.09.6	2	6.0
15.28.07.2	4	6.5	16.21.12.00	3	6.0
15.28.09.6	5	7.0	16.21.12.4	4	6.0
15.28.12.00	6	7.0	16.21.16.8	5	6.0
15.28.14.4	7	8.0	16.21.19.2	6	6.0
15.28.16.8	8	8.0	16.21.21.6	7	7.0
15.28.19.2	1	6.0	16.21.24.00	8	7.0
15.28.21.6	2	6.0	16.21.26.4	1	6.0
15.28.24.00	3	6.5	16.21.28.8	2	6.0
15.28.26.4	4	6.5	16.21.31.2	3	6.0
15.28.28.8	5	7.0	16.21.33.6	4	6.0
15.28.31.2	6	7.0	16.21.36.00	5	6.0
15.28.33.6	7	8.0	16.21.38.4	6	6.0
15.28.36.00	8	7.5	16.21.40.8	7	6.5
15.28.38.4	1	6.0	16.21.43.2	8	6.5
15.28.40.8	2	6.0	16.21.45.6	1	6.0
15.28.43.2	3	6.5	16.21.48.0	2	6.0
15.28.45.6	4	6.5	16.21.50.4	3	6.0
15.28.48.0	5	7.0	16.21.52.8	4	6.0
15.28.50.4	6	7.0	16.21.55.2	5	6.0
15.28.52.8	7	8.0	16.21.57.6	6	6.0
15.28.55.2	8	6.0	16.22.00	7	6.0
15.28.57.6	1	6.0	16.22.02.4	8	6.0
15.29.00	2	6.0	16.22.04.8	1	6.0
15.29.02.4	3	6.0	16.22.07.2	2	6.0
15.29.04.8	4	6.0	16.22.09.6	3	6.0
15.29.07.2	5	6.0	16.22.12.00	4	6.0
15.29.09.6	6	6.0	16.22.14.4	5	6.0
15.29.12.00	7	6.5	16.22.16.8	6	6.5
15.29.14.4	8	6.5	16.22.19.2	7	6.5
15.29.16.8	1	6.0	16.22.21.6	8	6.0
15.29.19.2	2	6.0	16.22.24.00	1	6.0
15.29.21.6	3	6.0	16.22.26.4	2	6.0
15.27.57.6	8	8.0	16.22.28.8	3	7.0
15.27.55.2	7	8.0	16.22.31.2	4	7.0
15.27.57.6	8	6.0	16.22.33.6	5	6.0
15.28.00	1	6.0	16.22.36.00	6	6.0
15.28.02.4	2	6.0	16.22.38.4	7	6.5
15.28.04.8	3	6.5	16.22.40.8	8	6.5
15.28.07.2	4	6.0	16.22.43.2	1	6.0
15.28.09.6	5	6.0	16.22.45.6	2	6.0
15.28.12.00	6	6.0	16.22.48.0	3	6.0
15.28.14.4	7	6.0	16.22.50.4	4	6.0
15.28.16.8	8	6.0	16.22.52.8	5	6.0
15.28.19.2	1	6.0	16.22.55.2	6	6.0
15.28.21.6	2	6.5	16.22.57.6	7	6.0
15.28.24.00	3	6.0	16.23.00	8	6.0
15.28.26.4	4	6.0	16.23.02.4	1	6.0
15.28.28.8	5	6.0	16.23.04.8	2	6.0
15.28.31.2	6	6.0	16.23.07.2	3	6.0
15.28.33.6	7	6.0	16.23.09.6	4	6.0
15.28.36.00	8	6.0	16.23.12.00	5	6.0
15.28.38.4	1	6.0	16.23.14.4	6	6.0
15.28.40.8	2	6.0	16.23.16.8	7	6.0
15.28.43.2	3	6.5	16.23.19.2	8	6.0
15.28.45.6	4	6.5	16.23.21.6	1	6.0
15.28.48.0	5	7.0	16.23.24.00	2	6.0
15.28.50.4	6	7.0	16.23.26.4	3	6.0
15.28.52.8	7	8.0	16.23.28.8	4	6.0
15.28.55.2	8	6.0	16.23.31.2	5	6.0
15.28.57.6	1	6.0	16.23.33.6	6	6.0
15.29.00	2	6.0	16.23.36.00	7	6.0
15.29.02.4	3	6.0	16.23.38.4	8	6.0
15.29.04.8	4	6.0	16.23.40.8	1	6.0
15.29.07.2	5	6.0	16.23.43.2	2	6.0
15.29.09.6	6	6.0	16.23.45.6	3	6.0
15.29.12.00	7	6.0	16.23.48.0	4	6.0
15.29.14.4	8	6.0	16.23.50.4	5	6.0
15.29.16.8	1	6.0	16.23.52.8	6	6.0
15.29.19.2	2	6.0	16.23.55.2	7	6.0
15.29.21.6	3	6.0	16.23.57.6	8	6.0
15.29.24.00	4	6.0	16.24.00	1	6.0
15.29.26.4	5	6.0	16.24.02.4	2	6.0
15.29.28.8	6	6.0	16.24.04.8	3	6.0
15.29.31.2	7	6.0	16.24.07.2	4	6.0
15.29.33.6	8	6.0	16.24.09.6	5	6.0
15.29.36.00	1	6.0	16.24.12.00	6	6.0
15.29.38.4	2	6.0	16.24.14.4	7	6.0
15.29.40.8	3	6.0	16.24.16.8	8	6.0
15.29.43.2	4	6.0	16.24.19.2	1	6.0
15.29.45.6	5	6.0	16.24.21.6	2	6.0
15.29.48.0	6	6.0	16.24.24.00	3	6.0
15.29.50.4	7	6.0	16.24.26.4	4	6.0
15.29.52.8	8	6.0	16.24.28.8	5	6.0
15.29.55.2	1	6.0	16.24.31.2	6	6.0
15.29.57.6	2	6.0	16.24.33.6	7	6.0
15.29.59.6	3	6.0	16.24.36.00	8	6.0
15.30.00	4	6.0	16.24.38.4	1	6.0
15.30.02.4	5	6.0	16.24.40.8	2	6.0
15.30.04.8	6	6.0	16.24.43.2	3	6.0
15.30.07.2	7	6.0	16.24.45.6	4	6.0
15.30.09.6	8	6.0	16.24.48.0	5	6.0
15.30.12.00	1	6.0	16.24.50.4	6	6.0
15.30.14.4	2	6.0	16.24.52.8	7	6.0
15.30.16.8	3	6.0	16.24.55.2	8	6.0
15.30.19.2	4	6.0	16.24.57.6	1	6.0
15.30.21.6	5	6.0	16.25.00	2	6.0
15.30.24.00	6	6.0	16.25.02.4	3	6.0
15.30.26.4	7	6.0	16.25.04.8	4	6.0
15.30.28.8	8	6.0	16.25.07.2	5	6.0
15.30.31.2	1	6.0	16.25.09.6	6	6.0
15.30.33.6	2	6.0	16.25.12.00	7	6.0
15.30.36.00	3	6.0	16.25.14.4	8	6.0
15.30.38.4	4	6.0	16.25.16.8	1	6.0
15.30.40.8	5	6.0	16.25.19.2	2	6.0
15.30.43.2	6	6.0	16.25.21.6	3	6.0
15.30.45.6	7	6.0	16.25.24.00	4	6.0
15.30.48.0	8	6.0	16.25.26.4	5	6.0
15.30.50.4	1	6.0	16.25.28.8	6	6.0
15.30.52.8	2	6.0	16.25.31.2	7	6.0
15.30.55.2	3	6.0	16.25.33.6	8	6.0
15.30.57.6	4	6.0	16.25.36.00	1	6.0
15.31.00	5	6.0	16.25.38.4	2	6.0
15.31.02.4	6	6.0	16.25.40.8	3	6.0
15.31.04.8	7	6.0	16.25.43.2	4	6.0
15.31.07.2	8	6.0	16.25.45.6	5	6.0
15.31.09.6	1	6.0	16.25.48.0	6	6.0
15.31.12.00	2	6.0	16.25.50.4	7	6.0
15.31.14.4	3	6.0	16.25.52.8	8	6.0
15.31.16.8	4	6.0	16.25.55.2	1	6.0
15.31.19.2	5	6.0	16.25.57.6	2	6.0
15.31.21.6	6	6.0	16.26.00	3	6.0
15.31.24.00	7	6.0	16.26.02.4	4	6.0
15.31.26.4	8	6.0	16.26.04.8	5	6.0
15.31.28.8	1	6.0	16.26.07.2	6	6.0
15.31.31.2	2	6.0	16.26.09.6	7	6.0
15.31.33.6	3	6.0	16.26.12.00	8	6.0
15.31.36.00	4	6.0	16.26.14.4	1	6.0
15.31.38.4	5	6.0	16.26.16.8	2	6.0
15.31.40.8	6	6.0	16.26.19.2	3	6.0
15.31.43.2	7	6.0	16.26.21.6	4	6.0
15.31.45.6	8	6.0	16.26.24.00	5	6.0
15.31.48.0	1	6.0	16.26.26.4	6	6.0
15.31.50.4	2	6.0	16.26.28.8	7	6.0
15.31.52.8	3	6.0	16.26.31.2	8	6.0
15.31.55.2	4	6.0	16.26.33.6	1	6.0
15.31.57.6	5	6.0	16.26.36.00	2	6.0
15.32.00	6	6.0	16.26.38.4	3	6.0
15.32.02.4	7	6.0	16.26.40.8	4	6.0
15.32.04.8	8	6.0	16.26.43.2	5	6.0
15.32.07.2	1	6.0	16.26.45.6	6	6.0
15.32.09.6	2	6.0	16.26.48.0	7	6.0
15.32.12.00	3	6.0	16.26.50.4	8	6.0
15.32.14.4	4	6.0	16.26.52.8	1	6.0
15.32.16.8	5	6.0	16.26.55.2	2	6.0
15.32.19.2	6	6.0	16.26.57.6	3	6.0
15.32.21.6	7	6.0	16.27.00	4	6.0
15.32.24.00	8	6.0	16.27.02.4	5	6.0
15.32.26.4	1	6.0	16.27.04.8	6	6.0
15.32.28.8	2	6.0	16.27.07.2	7	6.0
15.32.31.2	3	6.0	16.27.09.6	8	6.0
15.32.33.6	4	6.0	16.27.12.00	1	6.0
15.32.36.00	5	6.0	16.27.14.4	2	6.0
15.32.38.4	6	6.0	16.27.16.8	3	6.0
15.32.40.8	7	6.0	16.27.19.2	4	6.0
15.32.43.2	8	6.0	16.27.21.6	5	6.0
15.32.45.6	1	6.0	16.27.24.00	6	6.0
15.32.48.0	2	6.0	16.27.26.4	7	6.0
15.32.50.4	3	6.0	16.27.28.8	8	6.0
15.32.52.8	4	6.0	16.27.31.2	1	6.0
15.32.55.2	5	6.0	16.27.33.6	2	6.0
15.32.57.6	6	6.0	16.27.36.00	3	6.0
15.33.00	7	6.0	16.27.38.4	4	6.0
15.33.02.4	8	6.0	16.27.40.8	5	6.0
15.33.04.8	1	6.0	16.27.43.2	6	6.0
15.33.07.2	2	6.0	16.27.45.6	7	6.0
15.33.09.6	3	6.0	16.27.48.0	8	6.0
15.33.12.00	4	6.0	16.27.50.4	1	6.0
15.33.14.4	5	6.0	16.27.52.8	2	6.0
15.33.16.8	6	6.0	16.27.55.2	3	6.0
15.33.19.2	7	6.0	16.27.57.6	4	6.0
15.33.21.6	8	6.0	16.28.00	5	6.0
15.33.24.00	1	6.0	16.28.02.4	6	6.0
15.33.26.4	2	6.0	16.28.04.8	7	6.0
15.33.28.8	3	6.0	16.28.07.2	8	6.0
15.33.31.2	4	6.0	16.28.09.6	1	6.0
15.33.33.6	5	6.0	16.28.12.00	2	6.0
15.33.36.00	6	6.0	16.28.14.4	3	6.0
15.33.38.4	7	6.0	16.28.16.8	4	6.0
15.33.40.8	8	6.0	16.28.19.2	5	6.0
15.33.43.2	1	6.0	16.28.21.6	6	6.0
15.33.45.6	2	6.0	16.28.24.00	7	6.0
15.33.48.0	3	6.0	16.28.26.4	8	6.0
15.33.50.4	4	6.0	16.28.28.8	1	6.0
15.33.52.8	5	6.0	16.28.31.2	2	6.0
15.33.55.2	6	6.0	16.28.33.6	3	6.0
15.33.57.6	7	6.0	16.28.36.00	4	6.0
15.34.00	8	6.0	16.28.38.4	5	6.0
15.34.02.4	1	6.0	16.28.40.8	6	6.0
15.34.04.8	2	6.0	16.28.43.2	7	6.0
15.34.07.2	3	6.0	16.28.45.6	8	6.0
15.34.09.6	4	6.0	16.28.48.0	1	6.0
15.34.12.00	5	6.0	16.28.50.4	2	6.0
15.34.14.4	6	6.0	16.28.52.8	3	6.0
15.34.16.8	7	6.0	16.28.55.2		

Temperature °C

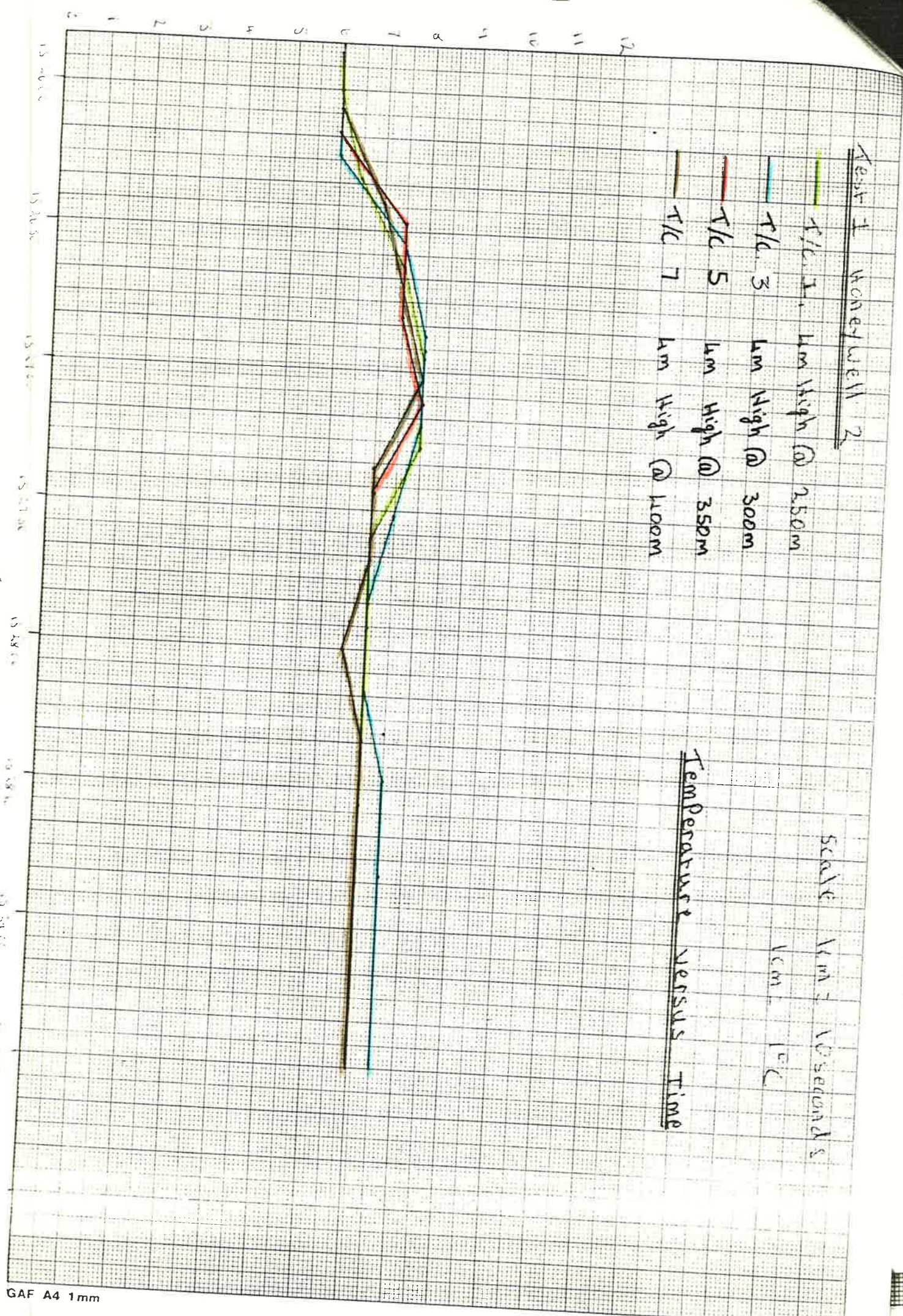
Test 1 Honeywell 2

- T/C 1. 4m High @ 250m
- T/C 3. 4m High @ 300m
- T/C 5. 4m High @ 350m
- T/C 7. 4m High @ 400m

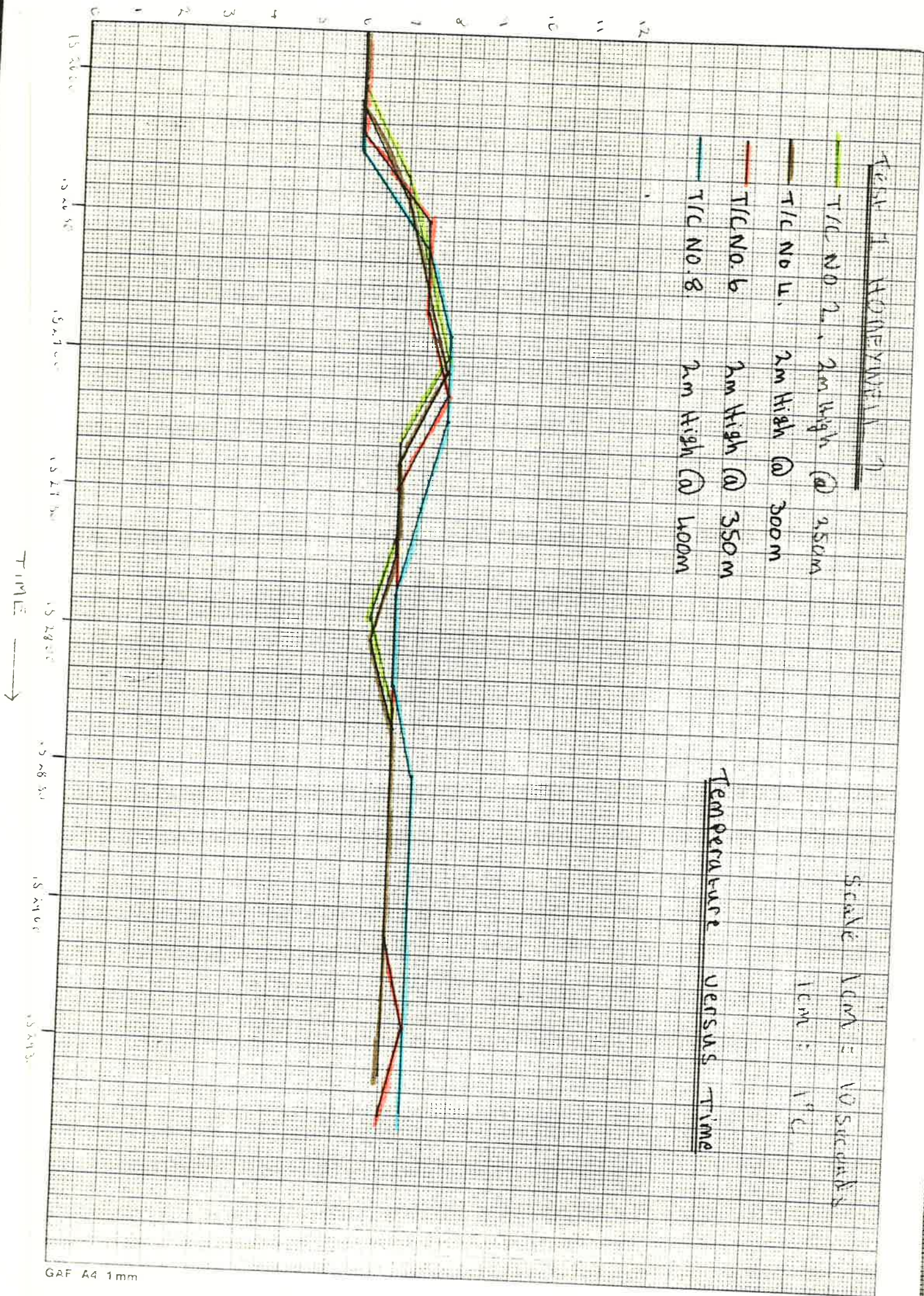
Scale 1cm = 10 seconds

1cm = 1°C

Temperature Versus Time



Temperature



TEST 1 HONEYWELL 2

Time	T/C	Temp.	Time	T/C	Temp.	Time	T/C	Temp.
15:00:00	7	6.0	15:21:57.6	1	8.0	15:28:24.4	5	7.0
15:00:02.4	8	6.0	15:27:00	2	8.0	15:28:21.4	6	7.0
15:00:04.8	1	6.0	15:27:02.4	3	8.0	15:28:28.8	7	7.5
15:00:07.2	2	6.0	15:27:04.8	4	8.0	15:28:31.2	8	7.5
15:00:09.6	3	6.0	15:27:07.2	5	8.0	15:28:33.6	1	7.0
15:00:12	4	6.0	15:27:09.6	6	8.0	15:28:36	2	7
15:00:14.4	5	6.0	15:27:12	7	8.0	15:28:38.4	3	7.0
15:00:16.8	6	6.0	15:27:14.4	8	8.0	15:28:40.8	4	7.0
15:00:19.2	7	6.0	15:27:16.8	1	8.0	15:28:43.2	5	7.0
15:00:21.6	8	6.0	15:27:19.2	2	7.0	15:28:45.6	6	7.0
Temperature remains constant for 250 min after reading			15:27:21.6	3	7.0	15:28:48.0	7	7.5
15:27:24	4	7.0	15:28:50.4	8	7.5			
15:27:26.4	5	7.0	15:28:52.8	1	7.0			
15:27:28.8	6	7.0	15:28:55.2	2	7.0			
15:27:31.2	7	7.5	15:28:57.6	3	7.0			
15:27:33.6	8	7.5	15:29:00	4	7.0			
15:27:36	1	6.0	15:29:02.4	5	7.0			
15:27:38.4	2	6.0	15:29:04.8	6	7.0			
15:27:40.8	3	6.0	15:29:07.2	7	7.5			
15:27:43.2	4	6.0	15:29:09.6	8	7.5			
15:27:45.6	5	6.5	15:29:12	1	7.0			
15:27:48.0	6	7.0	15:29:14.4	2	7.0			
15:27:50.4	7	7.0	15:29:16.8	3	7.0			
15:27:52.8	8	7.0	15:29:19.2	4	7.0			
15:27:55.2	1	7.0	15:29:21.6	5	7.0			
15:27:57.6	2	7.0	15:29:24	6	7.5			
15:28:00	3	6.5	15:29:26.4	7	7.5			
15:28:02.4	4	6.5	15:29:28.8	8	7.5			
15:28:04.8	5	7.5	15:29:31.2	1	7.0			
15:28:07.2	6	7.5	15:29:33.6	2	7.0			
15:28:09.6	7	7.5	15:29:36	3	7.0			
15:28:12	8	7.5	15:29:38.4	4	7.0			
15:28:14.4	1	7.5	15:29:40.8	5	7.0			
15:28:16.8	2	7.5	15:29:43.2	6	7.0			
15:28:19.2	3	7.5	15:29:45.6	7	7.5			
15:28:21.6	4	7.5	15:29:48.0	8	7.5			
15:28:24	5	7.0	15:29:50.4	1	7.5			
15:28:26.4	6	7.0	15:29:52.8	2	7.0			
15:28:28.8	7	7.0	15:29:55.2	3	7.0			
15:28:31.2	8	7.0	15:29:57.6	4	7.0			
15:28:33.6	1	7.0	15:29:60	5	7.0			
15:28:36	2	7.0	15:29:62.4	6	7.0			
15:28:38.4	3	7.0	15:29:64.8	7	7.0			
15:28:40.8	4	7.0	15:29:67.2	8	7.0			
15:28:43.2	5	7.0	15:29:69.6	1	7.0			
15:28:45.6	6	7.0	15:29:72	2	7.0			
15:28:48.0	7	7.0	15:29:74.4	3	7.0			
15:28:50.4	8	7.0	15:29:76.8	4	7.0			
15:28:52.8	1	7.0	15:29:79.2	5	7.0			
15:28:55.2	2	7.0	15:29:81.6	6	7.0			
15:28:57.6	3	7.0	15:29:84	7	7.0			
15:28:60	4	7.0	15:29:86.4	8	7.0			
15:28:62.4	5	7.0	15:29:88.8	1	7.0			
15:28:64.8	6	7.0	15:29:91.2	2	7.0			
15:28:67.2	7	7.0	15:29:93.6	3	7.0			
15:28:69.6	8	7.0	15:29:96	4	7.0			
15:28:72	1	7.0	15:29:98.4	5	7.0			
15:28:74.4	2	7.0	15:29:100.8	6	7.0			
15:28:76.8	3	7.0	15:29:103.2	7	7.0			
15:28:79.2	4	7.0	15:29:105.6	8	7.0			
15:28:81.6	5	7.0	15:29:108	1	7.0			
15:28:84	6	7.0	15:29:110.4	2	7.0			
15:28:86.4	7	7.0	15:29:112.8	3	7.0			
15:28:88.8	8	7.0	15:29:115.2	4	7.0			
15:28:91.2	1	7.0	15:29:117.6	5	7.0			
15:28:93.6	2	7.0	15:29:120	6	7.0			
15:28:96	3	7.0	15:29:122.4	7	7.0			
15:28:98.4	4	7.0	15:29:124.8	8	7.0			
15:29:00.8	5	7.0	15:29:127.2	1	7.0			
15:29:03.2	6	7.0	15:29:129.6	2	7.0			
15:29:05.6	7	7.0	15:29:132	3	7.0			
15:29:08	8	7.0	15:29:134.4	4	7.0			
15:29:10.4	1	7.0	15:29:136.8	5	7.0			
15:29:12.8	2	7.0	15:29:139.2	6	7.0			
15:29:15.2	3	7.0	15:29:141.6	7	7.0			
15:29:17.6	4	7.0	15:29:144	8	7.0			
15:29:20	5	7.0	15:29:146.4	1	7.0			
15:29:22.4	6	7.0	15:29:148.8	2	7.0			
15:29:24.8	7	7.0	15:29:151.2	3	7.0			
15:29:27.2	8	7.0	15:29:153.6	4	7.0			
15:29:29.6	1	7.0	15:29:156	5	7.0			
15:29:32	2	7.0	15:29:158.4	6	7.0			
15:29:34.4	3	7.0	15:29:160.8	7	7.0			
15:29:36.8	4	7.0	15:29:163.2	8	7.0			
15:29:39.2	5	7.0	15:29:165.6	1	7.0			
15:29:41.6	6	7.0	15:29:168	2	7.0			
15:29:44	7	7.0	15:29:170.4	3	7.0			
15:29:46.4	8	7.0	15:29:172.8	4	7.0			
15:29:48.8	1	7.0	15:29:175.2	5	7.0			
15:29:51.2	2	7.0	15:29:177.6	6	7.0			
15:29:53.6	3	7.0	15:29:180	7	7.0			
15:29:56	4	7.0	15:29:182.4	8	7.0			
15:29:58.4	5	7.0	15:29:184.8	1	7.0			
15:29:60.8	6	7.0	15:29:187.2	2	7.0			
15:29:63.2	7	7.0	15:29:189.6	3	7.0			
15:29:65.6	8	7.0	15:29:192	4	7.0			
15:29:68	1	7.0	15:29:194.4	5	7.0			
15:29:70.4	2	7.0	15:29:196.8	6	7.0			
15:29:72.8	3	7.0	15:29:199.2	7	7.0			
15:29:75.2	4	7.0	15:29:201.6	8	7.0			
15:29:77.6	5	7.0	15:29:204	1	7.0			
15:29:80	6	7.0	15:29:206.4	2	7.0			
15:29:82.4	7	7.0	15:29:208.8	3	7.0			
15:29:84.8	8	7.0	15:29:211.2	4	7.0			
15:29:87.2	1	7.0	15:29:213.6	5	7.0			
15:29:89.6	2	7.0	15:29:216	6	7.0			
15:29:92	3	7.0	15:29:218.4	7	7.0			
15:29:94.4	4	7.0	15:29:220.8	8	7.0			
15:29:96.8	5	7.0	15:29:223.2	1	7.0			
15:29:99.2	6	7.0	15:29:225.6	2	7.0			
15:30:01.6	7	7.0	15:29:228	3	7.0			
15:30:04	8	7.0	15:29:230.4	4	7.0			
15:30:06.4	1	7.0	15:29:232.8	5	7.0			
15:30:08.8	2	7.0	15:29:235.2	6	7.0			
15:30:11.2	3	7.0	15:29:237.6	7	7.0			
15:30:13.6	4	7.0	15:29:240	8	7.0			
15:30:16	5	7.0	15:29:242.4	1	7.0			
15:30:18.4	6	7.0	15:29:244.8	2	7.0			
15:30:20.8	7	7.0	15:29:247.2	3	7.0			
15:30:23.2	8	7.0	15:29:249.6	4	7.0			
15:30:25.6	1	7.0	15:29:252	5	7.0			
15:30:28	2	7.0	15:29:254.4	6	7.0			
15:30:30.4	3	7.0	15:29:256.8	7	7.0			
15:30:32.8	4	7.0	15:29:259.2	8	7.0			
15:30:35.2	5	7.0	15:29:261.6	1	7.0			
15:30:37.6	6	7.0	15:29:264	2	7.0			
15:30:40	7	7.0	15:29:266.4	3	7.0			
15:30:42.4	8	7.0	15:29:268.8	4	7.0			
15:30:44.8	1	7.0	15:29:271.2	5	7.0			
15:30:47.2	2	7.0	15:29:273.6	6	7.0			
15:30:49.6	3	7.0	15:29:276	7	7.0			
15:30:52	4	7.0	15:29:278.4	8	7.0			
15:30:54.4	5	7.0	15:29:280.8	1	7.0			
15:30:56.8	6	7.0	15:29:283.2	2	7.0			
15:30:59.2	7	7.0	15:29:285.6	3	7.0			
15:31:01.6	8	7.0	15:29:288	4	7.0			
15:31:04	1	7.0	15:29:290.4	5	7.0			
15:31:06.4	2	7.0	15:29:292.8	6	7.0			
15:31:08.8	3	7.0	15:29:295.2	7	7.0			
15:31:11.2	4	7.0	15:29:297.6	8	7.0			
15:31:13.6	5	7.0	15:29:300	1	7.0			
15:31:16	6	7.0	15:29:302.4	2	7.0			
15:31:18.4	7	7.0	15:29:304.8	3	7.0			
15:31:20.8	8	7.0	15:29:307.2	4	7.0			
15:31:23.2	1	7.0	15:29:309.6	5	7.0			
15:31:25.6	2	7.0	15:29:312	6	7.0			
15:31:28	3	7.0	15:29:314.4	7	7.0			
15:31:30.4	4	7.0	15:29:316.8	8	7.0			
15:31:32.8	5	7.0	15:29:319.2	1	7.0			
15:31:35.2	6	7.0	15:29:321.6	2	7.0			
15:31:37.6	7	7.0	15:29:324	3	7.0			
15:31:40	8	7.0	15:29:326.4	4	7.0			
15:31:42.4	1	7.0	15:29:328.8	5	7.0			
15:31:44.8	2	7.0	15:29:331.2	6	7.0			
15:31:47.2	3	7.0	15:29:333.6	7	7.0			
15:31:49.6	4	7.0	15:29:336	8	7.0			
15:31:52	5	7.0	15:29:338.4	1	7.0			
15:31:54.4	6	7.0	15:29:340.8	2	7.0			
15:31:56.8	7	7.0	15:29:343.2	3	7.0			
15:31:59.2	8	7.0	15:29:345.6	4	7.0			
15:32:01.6	1	7.0	15:29:348	5	7.0			
15:32:04	2	7.0	15:29:350.4	6	7.0			
15:32:06.4	3	7.0	15:29:352.8	7	7.0			
15:32:08.8								

Temperature °C

TEST 1 HONEYWELL 3

T/C NO. 2 2m High @ 1150m

T/C NO. 4 2m High @ 500m

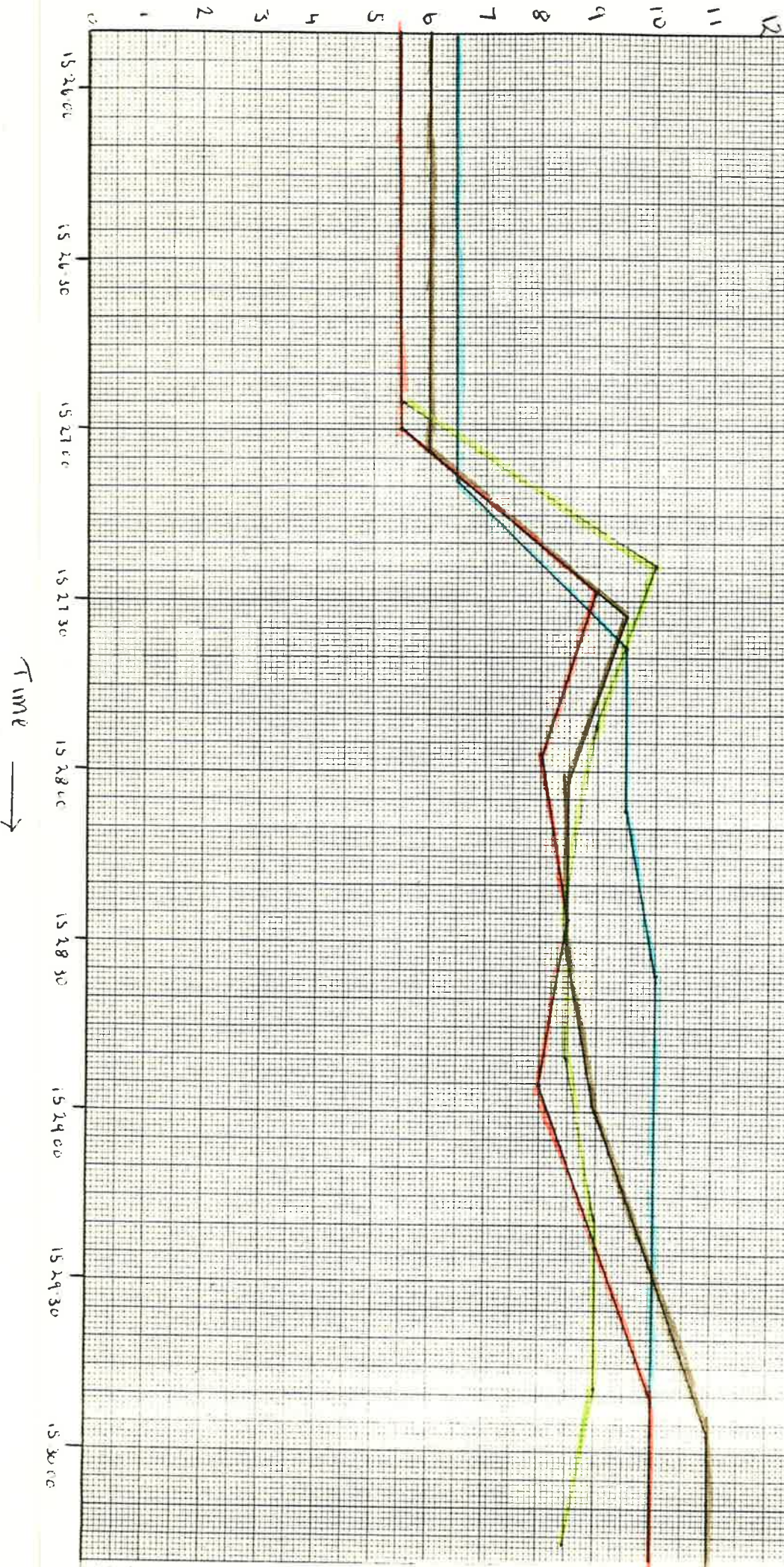
T/C NO. 6 2m High @ 550m

T/C NO. 8 2m High @ 600m

Scale 1cm = 10 seconds

1cm = 1°C

Temperature versus Time



TEMPERATURE °C

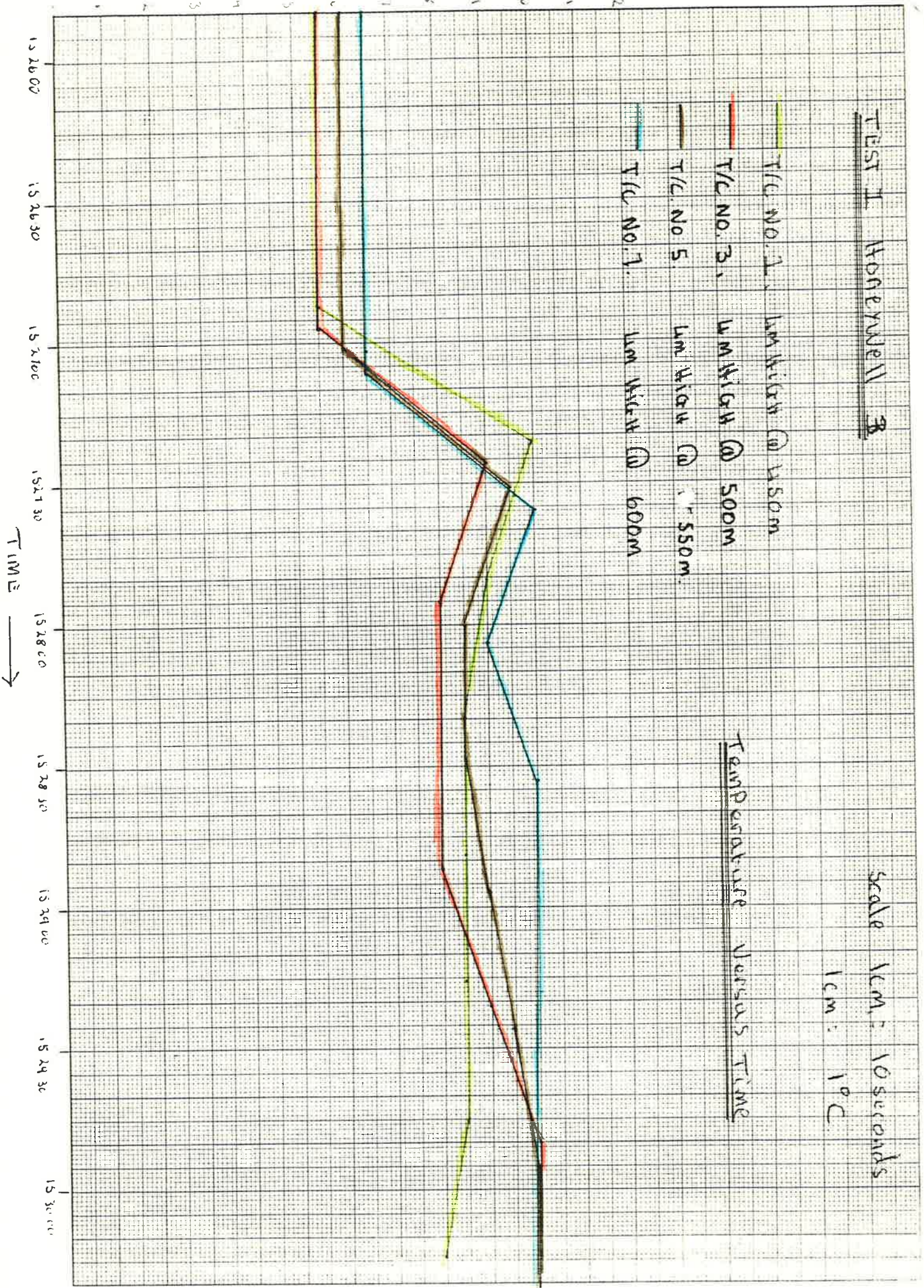
TEST I. HONERWELL 3

Scale 1cm = 10 seconds

1cm = 1°C

TEMPERATURE VERSUS TIME

- T/C NO. 1. LM HIGH @ 450m
- T/C NO. 3. LM HIGH @ 500m
- T/C NO. 5. LM HIGH @ 550m
- T/C NO. 7. LM HIGH @ 600m





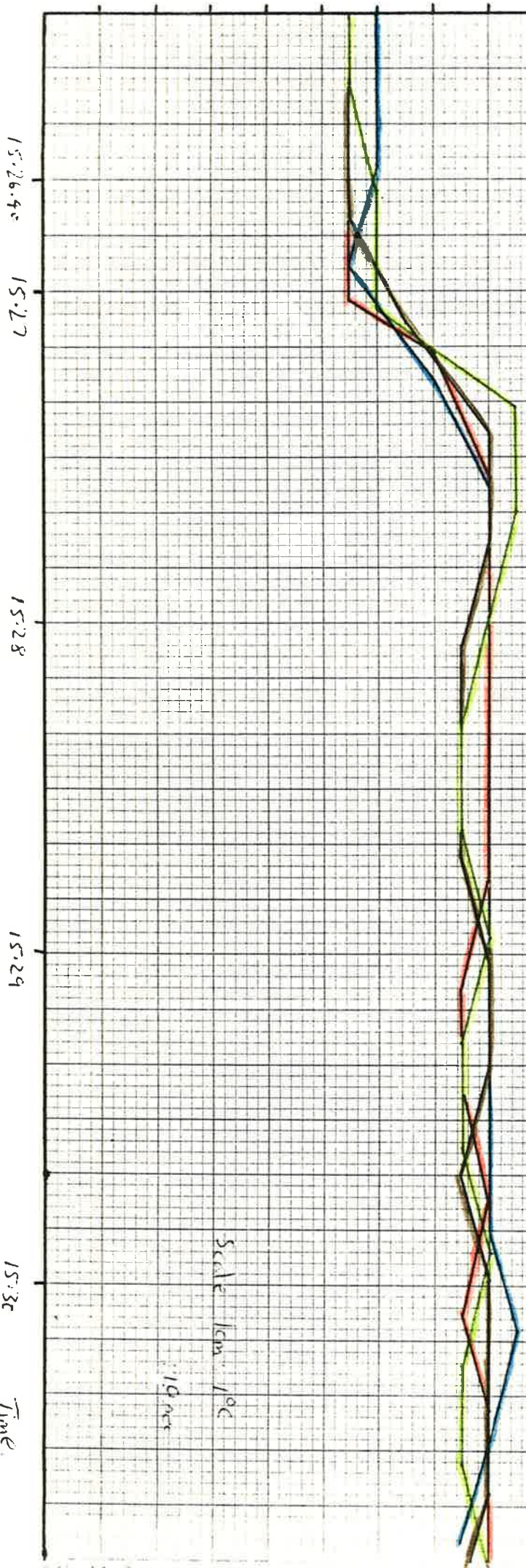
TEST 1 Honeywell 3

Time				Temp.				T/C				Time				Temp.			
15.21.00.00	3	5.5	15.28.02.4	6	8.5	15.30.14.4	8.0	1	8.0	15.30.14.4	8.0	1	8.0	15.30.14.4	8.0	1	8.0	15.30.14.4	8.0
15.21.02.4	4	5.5	15.28.04.8	7	9.0	15.30.16.8	8.5	2	8.5	15.30.16.8	8.5	2	8.5	15.30.16.8	8.5	2	8.5	15.30.16.8	8.5
15.21.04.8	5	6.0	15.28.07.2	6	9.5	15.30.19.2	9.0	3	9.0	15.30.19.2	9.0	3	9.0	15.30.19.2	9.0	3	9.0	15.30.19.2	9.0
15.21.07.2	7	6.5	15.28.09.6	1	8.5	15.30.21.6	8.5	4	8.5	15.30.21.6	8.5	4	8.5	15.30.21.6	8.5	4	8.5	15.30.21.6	8.5
15.21.09.6	8	6.5	15.28.12.0	8	8.5	15.30.24.0	8.5	5	8.5	15.30.24.0	8.5	5	8.5	15.30.24.0	8.5	5	8.5	15.30.24.0	8.5
15.21.12.0	1	5.5	15.28.14.4	1	8.0	15.30.26.4	8.0	6	8.0	15.30.26.4	8.0	6	8.0	15.30.26.4	8.0	6	8.0	15.30.26.4	8.0
15.21.14.4	2	5.5	15.28.16.8	4	8.5	15.30.28.8	8.5	7	8.5	15.30.28.8	8.5	7	8.5	15.30.28.8	8.5	7	8.5	15.30.28.8	8.5
15.21.16.8	3	5.5	15.28.19.2	5	8.5	15.30.31.2	8.5	8	8.5	15.30.31.2	8.5	8	8.5	15.30.31.2	8.5	8	8.5	15.30.31.2	8.5
15.21.19.2	4	5.5	15.28.21.6	6	8.5	15.30.33.6	8.5	1	8.5	15.30.33.6	8.5	1	8.5	15.30.33.6	8.5	1	8.5	15.30.33.6	8.5
15.21.21.6	5	6.0	15.28.24.0	7	10	15.30.36.0	9.0	2	10	15.30.36.0	9.0	2	10	15.30.36.0	9.0	2	10	15.30.36.0	9.0
15.21.24.0	6	6.0	15.28.26.4	8	10	15.30.38.4	9.0	3	10	15.30.38.4	9.0	3	10	15.30.38.4	9.0	3	10	15.30.38.4	9.0
15.21.26.4	7	6.5	15.28.28.8	1	8.5	15.30.40.8	8.5	4	8.5	15.30.40.8	8.5	4	8.5	15.30.40.8	8.5	4	8.5	15.30.40.8	8.5
15.21.28.8	8	6.5	15.28.31.2	2	8.0	15.30.43.2	8.0	5	8.0	15.30.43.2	8.0	5	8.0	15.30.43.2	8.0	5	8.0	15.30.43.2	8.0
15.21.31.2	1	5.5	15.28.33.6	3	8.0	15.30.45.6	8.0	6	8.0	15.30.45.6	8.0	6	8.0	15.30.45.6	8.0	6	8.0	15.30.45.6	8.0
15.21.33.6	2	5.5	15.28.36.0	4	8.0	15.30.48.0	8.0	7	8.0	15.30.48.0	8.0	7	8.0	15.30.48.0	8.0	7	8.0	15.30.48.0	8.0
15.21.36.0	3	5.5	15.28.38.4	5	8.5	15.30.50.4	8.5	8	8.5	15.30.50.4	8.5	8	8.5	15.30.50.4	8.5	8	8.5	15.30.50.4	8.5
15.21.38.4	4	5.5	15.28.40.8	6	8.5	15.30.52.8	8.5	1	8.5	15.30.52.8	8.5	1	8.5	15.30.52.8	8.5	1	8.5	15.30.52.8	8.5
15.21.40.8	5	5.5	15.28.43.2	7	8.5	15.30.55.2	8.5	2	8.5	15.30.55.2	8.5	2	8.5	15.30.55.2	8.5	2	8.5	15.30.55.2	8.5
15.21.43.2	6	5.5	15.28.45.6	8	8.5	15.30.57.6	8.5	3	8.5	15.30.57.6	8.5	3	8.5	15.30.57.6	8.5	3	8.5	15.30.57.6	8.5
15.21.45.6	7	5.5	15.28.48.0	1	8.0	15.31.00.0	8.0	4	8.0	15.31.00.0	8.0	4	8.0	15.31.00.0	8.0	4	8.0	15.31.00.0	8.0
15.21.48.0	8	5.5	15.28.50.4	2	8.0	15.31.02.4	8.0	5	8.0	15.31.02.4	8.0	5	8.0	15.31.02.4	8.0	5	8.0	15.31.02.4	8.0
15.21.50.4	1	5.5	15.28.52.8	3	8.0	15.31.04.8	8.0	6	8.0	15.31.04.8	8.0	6	8.0	15.31.04.8	8.0	6	8.0	15.31.04.8	8.0
15.21.52.8	2	5.5	15.28.55.2	4	8.0	15.31.07.2	8.0	7	8.0	15.31.07.2	8.0	7	8.0	15.31.07.2	8.0	7	8.0	15.31.07.2	8.0
15.21.55.2	3	5.5	15.28.57.6	5	8.0	15.31.09.6	8.0	8	8.0	15.31.09.6	8.0	8	8.0	15.31.09.6	8.0	8	8.0	15.31.09.6	8.0
15.21.57.6	4	5.5	15.29.00.0	6	9.0	15.31.12.0	9.0	1	9.0	15.31.12.0	9.0	1	9.0	15.31.12.0	9.0	1	9.0	15.31.12.0	9.0
15.21.60.0	5	5.5	15.29.02.4	7	9.0	15.31.14.4	9.0	2	9.0	15.31.14.4	9.0	2	9.0	15.31.14.4	9.0	2	9.0	15.31.14.4	9.0
15.21.62.4	6	6.0	15.29.04.8	8	10	15.31.16.8	10	3	10	15.31.16.8	10	3	10	15.31.16.8	10	3	10	15.31.16.8	10
15.21.64.8	7	6.0	15.29.07.2	1	8.5	15.31.19.2	8.5	4	8.5	15.31.19.2	8.5	4	8.5	15.31.19.2	8.5	4	8.5	15.31.19.2	8.5
15.21.67.2	8	6.5	15.29.09.6	2	9.0	15.31.21.6	9.0	5	9.0	15.31.21.6	9.0	5	9.0	15.31.21.6	9.0	5	9.0	15.31.21.6	9.0
15.21.69.6	1	6.5	15.29.12.0	3	9.0	15.31.24.0	9.0	6	9.0	15.31.24.0	9.0	6	9.0	15.31.24.0	9.0	6	9.0	15.31.24.0	9.0
15.21.72.0	2	6.5	15.29.14.4	4	9.0	15.31.26.4	9.0	7	9.0	15.31.26.4	9.0	7	9.0	15.31.26.4	9.0	7	9.0	15.31.26.4	9.0
15.21.74.4	3	6.5	15.29.16.8	5	9.5	15.31.28.8	9.5	8	9.5	15.31.28.8	9.5	8	9.5	15.31.28.8	9.5	8	9.5	15.31.28.8	9.5
15.21.76.8	4	6.0	15.29.19.2	6	8.5	15.31.31.2	8.5	1	8.5	15.31.31.2	8.5	1	8.5	15.31.31.2	8.5	1	8.5	15.31.31.2	8.5
15.21.79.2	5	6.0	15.29.21.6	7	8.5	15.31.33.6	8.5	2	8.5	15.31.33.6	8.5	2	8.5	15.31.33.6	8.5	2	8.5	15.31.33.6	8.5
15.21.81.6	6	6.5	15.29.24.0	8	9.0	15.31.36.0	9.0	3	9.0	15.31.36.0	9.0	3	9.0	15.31.36.0	9.0	3	9.0	15.31.36.0	9.0
15.21.84.0	7	6.5	15.29.26.4	1	9.0	15.31.38.4	9.0	4	9.0	15.31.38.4	9.0	4	9.0	15.31.38.4	9.0	4	9.0	15.31.38.4	9.0
15.21.86.4	8	10.0	15.29.28.8	2	9.5	15.31.40.8	9.5	5	9.5	15.31.40.8	9.5	5	9.5	15.31.40.8	9.5	5	9.5	15.31.40.8	9.5
15.21.88.8	1	9.0	15.29.31.2	3	10	15.31.43.2	10	6	10	15.31.43.2	10	6	10	15.31.43.2	10	6	10	15.31.43.2	10
15.21.91.2	2	9.5	15.29.33.6	4	10	15.31.45.6	10	7	10	15.31.45.6	10	7	10	15.31.45.6	10	7	10	15.31.45.6	10
15.21.93.6	3	9.5	15.29.36.0	5	9.0	15.31.48.0	9.0	8	9.0	15.31.48.0	9.0	8	9.0	15.31.48.0	9.0	8	9.0	15.31.48.0	9.0
15.21.96.0	4	9.5	15.29.38.4	6	9.0	15.31.50.4	9.0	1	9.0	15.31.50.4	9.0	1	9.0	15.31.50.4	9.0	1	9.0	15.31.50.4	9.0
15.21.98.4	5	9.5	15.29.40.8	7	8.5	15.31.52.8	8.5	2	8.5	15.31.52.8	8.5	2	8.5	15.31.52.8	8.5	2	8.5	15.31.52.8	8.5
15.22.00.00	6	9.5	15.29.43.2	8	8.5	15.31.55.2	8.5	3	8.5	15.31.55.2	8.5	3	8.5	15.31.55.2	8.5	3	8.5	15.31.55.2	8.5
15.22.02.4	7	9.5	15.29.45.6	1	8.5	15.31.57.6	8.5	4	8.5	15.31.57.6	8.5	4	8.5	15.31.57.6	8.5	4	8.5	15.31.57.6	8.5
15.22.04.8	8	10.0	15.29.48.0	2	9.0	15.31.60.0	9.0	5	9.0	15.31.60.0	9.0	5	9.0	15.31.60.0	9.0	5	9.0	15.31.60.0	9.0
15.22.07.2	1	10.0	15.29.50.4	3	9.0	15.31.62.4	9.0	6	9.0	15.31.62.4	9.0	6	9.0	15.31.62.4	9.0	6	9.0	15.31.62.4	9.0
15.22.09.6	2	10.0	15.29.52.8	4	9.0	15.31.64.8	9.0	7	9.0	15.31.64.8	9.0	7	9.0	15.31.64.8	9.0	7	9.0	15.31.64.8	9.0
15.22.12.0	3	10.0	15.29.55.2	5	9.0	15.31.67.2	9.0	8	9.0	15.31.67.2	9.0	8	9.0	15.31.67.2	9.0	8	9.0	15.31.67.2	9.0
15.22.14.4	4	10.0	15.29.57.6	6	9.0	15.31.69.6	9.0	1	9.0	15.31.69.6	9.0	1	9.0	15.31.69.6	9.0	1	9.0	15.31.69.6	9.0
15.22.16.8	5	10.0	15.29.60.0	7	9.0	15.31.72.0	9.0	2	9.0	15.31.72.0	9.0	2	9.0	15.31.72.0	9.0	2	9.0	15.31.72.0	9.0
15.22.19.2	6	10.0	15.29.62.4	8	9.0	15.31.74.4	9.0	3	9.0	15.31.74.4	9.0	3	9.0	15.31.74.4	9.0	3	9.0	15.31.74.4	9.0
15.22.21.6	7	10.0	15.29.64.8	1	9.0	15.31.76.8	9.0	4	9.0	15.31.76.8	9.0	4	9.0	15.31.76.8	9.0	4	9.0	15.31.76.8	9.0
15.22.24.0	8	10.0	15.29.67.2	2	9.0	15.31.79.2	9.0	5	9.0	15.31.79.2	9.0	5	9.0	15.31.79.2	9.0	5	9.0	15.31.79.2	9.0
15.22.26.4	1	10.0	15.29.69.6	3	9.0	15.31.81.6	9.0	6	9.0	15.31.81.6	9.0	6	9.0	15.31.81.6	9.0	6	9.0	15.31.81.6	9.0
15.22.28.8	2	10.0	15.29.72.0	4	9.0	15.31.84.0	9.0	7	9.0	15.31.84.0	9.0	7	9.0	15.31.84.0	9.0	7	9.0	15.31.84.0	9.0
15.22.31.2	3	10.0	15.29.74.4	5	9.0	15.31.86.4	9.0	8	9.0	15.31.86.4	9.0	8	9.0	15.31.86.4	9.0	8	9.0	15.31.86.4	9.0
15.22.33.6	4	10.0	15.29.76.8	6	9.0	15.31.88.8	9.0	1	9.0	15.31.88.8	9.0	1	9.0	15.31.88.8	9.0	1	9.0	15.31.88.8	9.0
15.22.36.0	5	10.0	15.29.79.2	7	9.0	15.31.91.2	9.0	2	9.0	15.31.91.2	9.0	2	9.0	15.31.91.2	9.0	2	9.0	15.31.91.2	9.0
15.22.38.4	6	10.0	15.29.81.6	8	9.0	15.31.93.6	9.0	3	9.0	15.31.93.6	9.0	3	9.0	15.31.93.6	9.0	3	9.0	15.31.93.6	9.0
15.22.40.8	7	10.0	15.29.84.0	1	9.0	15.31.96.0	9.0	4	9.0	15.31.96.0	9.0	4	9.0	15.31.96.0	9.0	4	9.0	15.31.96.0	9.0
15.22.43.2	8	10.0	15.29.86.4	2	9.0	15.31.98.4	9.0	5	9.0	15.31.98.4	9.0	5	9.0	15.31.98.4	9.0	5	9.0	15.31.98.4	9.0
15.22.45.6	1	10.0	15.29.88.8	3	9.0	15.32.00.0	9.0	6	9.0	15.32.00.0	9.0	6							

Test 1 Honeywell 4

Temperature vs Time

- T/C 2 2m High @ 450m
- T/C 4 2m High @ 500m
- T/C 6 2m High @ 550m
- T/C 8 2m High @ 600m



Test 1 Honeywell 4

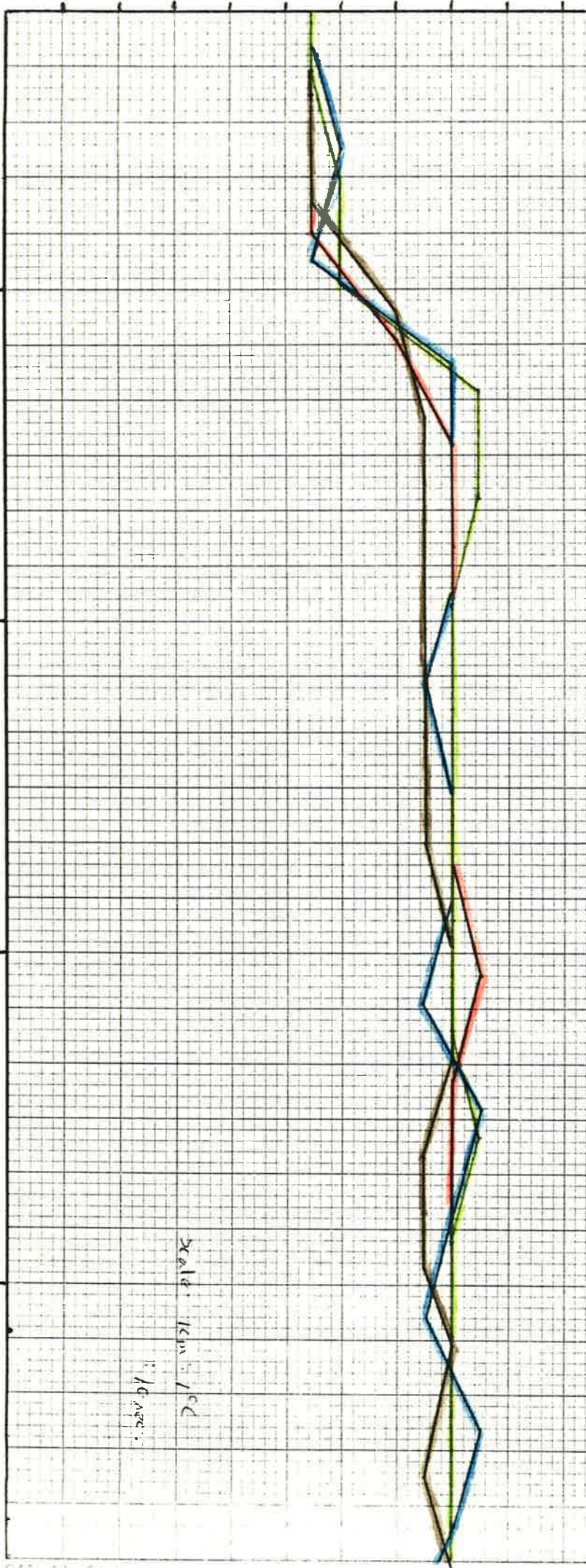
Temperature vs Time

T/C 1 4m High @ 450m
 T/C 3 4m High @ 500m
 T/C 5 4m High @ 550m
 T/C 7 4m High @ 600m

15:27
 15:28
 15:29
 15:30 Time

Scale: 1cm = 1°C

10 sec



Tent 1 Honeywell 4

Time	T/C	Temp.	Time	T/C	Temp.	Time	T/C	Temp.	Time	T/C	Temp.
15.24.21.6	7	65C	15.25.48	3	5	15.27.14.4	7	5	15.28.00	4	5
29	8	6	50.4	9	5.5	16.5	5	7	15.2	1	5.5
25.8	2	5.5	55.2	6	5.5	21.6	2	8.5	21.6	2	8.5
31.2	3	5	57.6	7	5	24	3	7.5	24	3	7.5
33.6	4	5.5	15.26.00	8	6	26.4	4	5	26.4	5	5
36	5	5.5	02.4	1	5.5	28.8	5	5	28.8	5	5
38.4	6	5.5	04.5	2	5.5	31.2	6	5	31.2	6	5
40.8	7	6	07.2	3	5.5	33.6	7	5	33.6	7	5
43.2	8	6	09.6	4	5.5	36	8	5	36	8	5
45.6	1	5.5	12	5	5.5	38.4	1	8.5	38.4	1	8.5
48	2	5.5	14.4	6	5.5	40.8	2	5.5	40.8	2	5.5
50.4	3	5	16.8	7	5.5	43.2	3	7.5	43.2	3	7.5
52.8	4	5	19.2	8	6	45.6	4	5	45.6	4	5
55.2	5	5.5	21.6	1	5.5	48	5	5	48	5	5
57.6	6	5.5	24	2	5.5	50.4	6	5.5	50.4	6	5.5
59.6	7	5.5	26.4	3	5.5	52.8	7	5	52.8	7	5
60.6	8	5.5	28.8	4	5.5	55.2	8	5	55.2	8	5
62	1	5.5	31.2	5	5.5	57.6	1	5	57.6	1	5
64	2	5.5	33.6	6	5.5	59.6	2	5.5	59.6	2	5.5
66	3	5.5	36	7	5.5	60.6	3	5.5	60.6	3	5.5
68	4	5.5	38.4	8	6	62	4	5.5	62	4	5.5
70.2	5	5.5	40.8	1	5.5	64	5	5.5	64	5	5.5
72.6	6	5.5	43.2	2	5.5	66	6	5.5	66	6	5.5
75	7	5.5	45.6	3	5.5	68	7	5.5	68	7	5.5
77.4	8	5.5	48	4	5.5	70.2	8	5.5	70.2	8	5.5
79.8	1	5.5	50.4	5	5.5	72.6	1	5.5	72.6	1	5.5
82	2	5.5	52.8	6	5.5	75	2	5.5	75	2	5.5
84.4	3	5.5	55.2	7	5.5	77.4	3	5.5	77.4	3	5.5
86.8	4	5.5	57.6	8	5.5	79.8	4	5.5	79.8	4	5.5
89.2	5	5.5	59.6	1	5.5	82	5	5.5	82	5	5.5
91.6	6	5.5	60.6	2	5.5	84.4	6	5.5	84.4	6	5.5
94	7	5.5	62	3	5.5	86.8	7	5.5	86.8	7	5.5
96.4	8	5.5	64	4	5.5	89.2	8	5.5	89.2	8	5.5
98.8	1	5.5	66	5	5.5	91.6	1	5.5	91.6	1	5.5
101.2	2	5.5	68	6	5.5	94	2	5.5	94	2	5.5
103.6	3	5.5	70.2	7	5.5	96.4	3	5.5	96.4	3	5.5
106	4	5.5	72.6	8	5.5	98.8	4	5.5	98.8	4	5.5
108.4	5	5.5	75	1	5.5	101.2	5	5.5	101.2	5	5.5
110.8	6	5.5	77.4	2	5.5	113.6	6	5.5	113.6	6	5.5
113.2	7	5.5	79.8	3	5.5	116	7	5.5	116	7	5.5
115.6	8	5.5	82	4	5.5	118.4	8	5.5	118.4	8	5.5
118	1	5.5	84.4	5	5.5	120.8	1	5.5	120.8	1	5.5
120.4	2	5.5	86.8	6	5.5	123.2	2	5.5	123.2	2	5.5
122.8	3	5.5	89.2	7	5.5	125.6	3	5.5	125.6	3	5.5
125.2	4	5.5	91.6	8	5.5	128	4	5.5	128	4	5.5
127.6	5	5.5	94	1	5.5	130.4	5	5.5	130.4	5	5.5
130	6	5.5	96.4	2	5.5	132.8	6	5.5	132.8	6	5.5
132.4	7	5.5	98.8	3	5.5	135.2	7	5.5	135.2	7	5.5
134.8	8	5.5	101.2	4	5.5	137.6	8	5.5	137.6	8	5.5
137.2	1	5.5	103.6	5	5.5	140	1	5.5	140	1	5.5
139.6	2	5.5	106	6	5.5	142.4	2	5.5	142.4	2	5.5
142	3	5.5	108.4	7	5.5	144.8	3	5.5	144.8	3	5.5
144.4	4	5.5	110.8	8	5.5	147.2	4	5.5	147.2	4	5.5
146.8	5	5.5	113.2	1	5.5	149.6	5	5.5	149.6	5	5.5
149.2	6	5.5	115.6	2	5.5	152	6	5.5	152	6	5.5
151.6	7	5.5	118	3	5.5	154.4	7	5.5	154.4	7	5.5
154	8	5.5	120.4	4	5.5	156.8	8	5.5	156.8	8	5.5
156.4	1	5.5	122.8	5	5.5	159.2	1	5.5	159.2	1	5.5
158.8	2	5.5	125.2	6	5.5	161.6	2	5.5	161.6	2	5.5
161.2	3	5.5	127.6	7	5.5	164	3	5.5	164	3	5.5
163.6	4	5.5	130	8	5.5	166.4	4	5.5	166.4	4	5.5
166	5	5.5	132.4	1	5.5	168.8	5	5.5	168.8	5	5.5
168.4	6	5.5	134.8	2	5.5	171.2	6	5.5	171.2	6	5.5
170.8	7	5.5	137.2	3	5.5	173.6	7	5.5	173.6	7	5.5
173.2	8	5.5	139.6	4	5.5	176	8	5.5	176	8	5.5
175.6	1	5.5	142	5	5.5	178.4	1	5.5	178.4	1	5.5
178	2	5.5	144.4	6	5.5	180.8	2	5.5	180.8	2	5.5
180.4	3	5.5	146.8	7	5.5	183.2	3	5.5	183.2	3	5.5
182.8	4	5.5	149.2	8	5.5	185.6	4	5.5	185.6	4	5.5
185.2	5	5.5	151.6	1	5.5	188	5	5.5	188	5	5.5
187.6	6	5.5	154	2	5.5	190.4	6	5.5	190.4	6	5.5
190	7	5.5	156.4	3	5.5	192.8	7	5.5	192.8	7	5.5
192.4	8	5.5	158.8	4	5.5	195.2	8	5.5	195.2	8	5.5
194.8	1	5.5	161.2	5	5.5	197.6	1	5.5	197.6	1	5.5
197.2	2	5.5	163.6	6	5.5	200	2	5.5	200	2	5.5
199.6	3	5.5	166	7	5.5	202.4	3	5.5	202.4	3	5.5
202	4	5.5	168.4	8	5.5	204.8	4	5.5	204.8	4	5.5
204.4	5	5.5	170.8	1	5.5	207.2	5	5.5	207.2	5	5.5
206.8	6	5.5	173.2	2	5.5	209.6	6	5.5	209.6	6	5.5
209.2	7	5.5	175.6	3	5.5	212	7	5.5	212	7	5.5
211.6	8	5.5	178	4	5.5	214.4	8	5.5	214.4	8	5.5
214	1	5.5	180.4	5	5.5	216.8	1	5.5	216.8	1	5.5
216.4	2	5.5	182.8	6	5.5	219.2	2	5.5	219.2	2	5.5
218.8	3	5.5	185.2	7	5.5	221.6	3	5.5	221.6	3	5.5
221.2	4	5.5	187.6	8	5.5	224	4	5.5	224	4	5.5
223.6	5	5.5	190	1	5.5	226.4	5	5.5	226.4	5	5.5
226	6	5.5	192.4	2	5.5	228.8	6	5.5	228.8	6	5.5
228.4	7	5.5	194.8	3	5.5	231.2	7	5.5	231.2	7	5.5
230.8	8	5.5	197.2	4	5.5	233.6	8	5.5	233.6	8	5.5
233.2	1	5.5	199.6	5	5.5	236	1	5.5	236	1	5.5
235.6	2	5.5	202	6	5.5	238.4	2	5.5	238.4	2	5.5
238	3	5.5	204.4	7	5.5	240.8	3	5.5	240.8	3	5.5
240.4	4	5.5	206.8	8	5.5	243.2	4	5.5	243.2	4	5.5
242.8	5	5.5	209.2	1	5.5	245.6	5	5.5	245.6	5	5.5
245.2	6	5.5	211.6	2	5.5	248	6	5.5	248	6	5.5
247.6	7	5.5	214	3	5.5	250.4	7	5.5	250.4	7	5.5
250	8	5.5	216.4	4	5.5	252.8	8	5.5	252.8	8	5.5
252.4	1	5.5	218.8	5	5.5	255.2	1	5.5	255.2	1	5.5
254.8	2	5.5	221.2	6	5.5	257.6	2	5.5	257.6	2	5.5
257.2	3	5.5	223.6	7	5.5	260	3	5.5	260	3	5.5
259.6	4	5.5	226	8	5.5	262.4	4	5.5	262.4	4	5.5
262	5	5.5	228.4	1	5.5	264.8	5	5.5	264.8	5	5.5
264.4	6	5.5	230.8	2	5.5	267.2	6	5.5	267.2	6	5.5
266.8	7	5.5	233.2	3	5.5	269.6	7	5.5	269.6	7	5.5
269.2	8	5.5	235.6	4	5.5	272	8	5.5	272	8	5.5
271.6	1	5.5	238	5	5.5	274.4	1	5.5	274.4	1	5.5
274	2	5.5	240.4	6	5.5	276.8	2	5.5	276.8	2	5.5
276.4	3	5.5	242.8	7	5.5	279.2	3	5.5	279.2	3	5.5
278.8	4	5.5	245.2	8	5.5	281.6	4	5.5	281.6	4	5.5
281.2	5	5.5	247.6	1	5.5	284	5	5.5	284	5	5.5
283.6	6	5.5	250	2	5.5	286.4	6	5.5	286.4	6	5.5
286	7	5.5	252.4	3	5.5	288.8	7	5.5	288.8	7	5.5
288.4	8	5.5	254.8	4	5.5	291.2	8	5.5	291.2	8	5.5
290.8	1	5.5	257.2	5	5.5	293.6	1	5.5	293.6	1	5.5
293.2	2	5.5	259.6	6	5.5	296	2	5.5	296	2	5.5
295.6	3	5.5	262	7	5.5	298.4	3	5.5	298.4	3	5.5
298	4	5.5	264.4	8	5.5	300.8	4	5.5	300.8	4	5.5
300.4	5	5.5	266.8	1	5.5	303.2	5	5.5	303.2	5	5.5
302.8	6	5.5	269.2	2	5.5	305.6	6	5.5	305.6	6	5.5
305.2	7	5.5	271.6	3	5.5	308	7	5.5	308	7	5.5
307.6	8	5.5	274	4	5.5	310.4	8	5.5	310.4	8	5.5
310	1	5.5	276.4	5	5.5	312.8	1	5.5	312.8	1	5.5
312.4	2	5.5	278.8	6	5.5	315.2	2	5.5	315.2	2	5.5
314.8	3	5.5	281.2	7	5.5	317.6	3	5.5	317.6	3	5.5
317.2	4	5.5	283.6	8	5.5	320	4	5.5	320	4	5.5
319.6	5	5.5									

Tot 1 Henrywell 4



Time	T/C	Temp.	Time	T/C	Temp.	Time	T/C	Temp.	Time	T/C	Temp.
15.28.40.5	3	7.5	15.30.02.2	7	7.5	15.31.33.6	3	7	15.32.00	6	7
43.2	4	7.5	09.6	5	8	45.6	5	8	02.4	1	7.5
48	6	8	14.4	2	7.5	40.5	6	7	52.8	3	7.5
50.4	7	8	16.5	3	8	43.2	7	7.5	55.2	4	7
52.8	8	8	19.2	4	8	45.6	8	7	57.6	5	7
55.2	1	8	21.6	5	8	48	1	7.5	59.6	6	7.5
57.6	2	8	24	6	8	52.4	2	8	02.4	4	7
59.6	3	8	26.4	7	8	55.2	3	7.5	04.8	5	8
02.4	4	8	28.8	8	8	57.6	4	8	07.2	1	7
04.8	5	8.5	31.2	1	8	00.00	5	8	09.6	2	7
07.2	6	7.5	33.6	2	7.5	02.4	6	7.5	12	3	7.5
09.6	7	7.5	36	3	7.5	04.8	7	7.5	14.4	4	7
12	8	8	38.4	4	8	07.2	8	8	16.8	5	8
14.4	1	8	40.8	5	8	09.6	1	8	19.2	6	8
16.8	2	8	43.2	6	8	12	2	8	21.6	7	8
19.2	3	8	45.6	7	8	14.4	3	8	24	8	8
21.6	4	8	48	8	8	16.8	4	8	26.4	1	8
24	5	8	50.4	1	8	19.2	5	8	28.8	2	8
26.4	6	8	52.8	2	8	21.6	6	8	31.2	3	8
28.8	7	8	55.2	3	8	24	7	8	33.6	4	8
31.2	8	8	57.6	4	8	36	8	8	36	5	8
33.6	1	8	00.00	5	8	38.4	1	8	38.4	6	8
36	2	8	02.4	6	8	40.8	2	8	40.8	7	8
38.4	3	8	04.8	7	8	43.2	3	8	43.2	8	8
40.8	4	8	07.2	8	8	45.6	4	8	45.6	1	8
43.2	5	8	09.6	1	8	48	5	8	48	2	8
45.6	6	8	12	2	8	50.4	6	8	50.4	3	8
48	7	8	14.4	3	8	52.8	7	8	52.8	4	8
50.4	8	8	16.8	4	8	55.2	8	8	55.2	5	8
52.8	1	8	19.2	5	8	57.6	1	8	57.6	6	8
55.2	2	8	21.6	6	8	00.00	2	8	00.00	7	8
57.6	3	8	24	7	8	02.4	3	8	02.4	8	8
59.6	4	8	26.4	8	8	04.8	4	8	04.8	1	8
02.4	5	8	28.8	1	8	07.2	5	8	07.2	2	8
04.8	6	8	31.2	2	8	09.6	6	8	09.6	3	8
07.2	7	8	33.6	3	8	12	7	8	12	4	8
09.6	8	8	36	4	8	14.4	8	8	14.4	5	8
12	1	8	38.4	5	8	16.8	1	8	16.8	6	8
14.4	2	8	40.8	6	8	19.2	2	8	19.2	7	8
16.8	3	8	43.2	7	8	21.6	3	8	21.6	8	8
19.2	4	8	45.6	8	8	24	4	8	24	1	8
21.6	5	8	48	1	8	26.4	5	8	26.4	2	8
24	6	8	50.4	2	8	28.8	6	8	28.8	3	8
26.4	7	8	52.8	3	8	31.2	7	8	31.2	4	8
28.8	8	8	55.2	4	8	33.6	8	8	33.6	5	8
31.2	1	8	57.6	5	8	36	1	8	36	6	8
33.6	2	8	00.00	6	8	38.4	2	8	38.4	7	8
36	3	8	02.4	7	8	40.8	3	8	40.8	8	8
38.4	4	8	04.8	8	8	43.2	4	8	43.2	1	8
40.8	5	8	07.2	1	8	45.6	5	8	45.6	2	8
43.2	6	8	09.6	2	8	48	6	8	48	3	8
45.6	7	8	12	3	8	50.4	7	8	50.4	4	8
48	8	8	14.4	4	8	52.8	8	8	52.8	5	8
50.4	1	8	16.8	5	8	55.2	1	8	55.2	6	8
52.8	2	8	19.2	6	8	57.6	2	8	57.6	7	8
55.2	3	8	21.6	7	8	00.00	3	8	00.00	8	8
57.6	4	8	24	8	8	02.4	4	8	02.4	1	8
59.6	5	8	26.4	1	8	04.8	5	8	04.8	2	8
02.4	6	8	28.8	2	8	07.2	6	8	07.2	3	8
04.8	7	8	31.2	3	8	09.6	7	8	09.6	4	8
07.2	8	8	33.6	4	8	12	8	8	12	5	8
09.6	1	8	36	5	8	14.4	1	8	14.4	6	8
12	2	8	38.4	6	8	16.8	2	8	16.8	7	8
14.4	3	8	40.8	7	8	19.2	3	8	19.2	8	8
16.8	4	8	43.2	8	8	21.6	4	8	21.6	1	8
19.2	5	8	45.6	1	8	24	5	8	24	2	8
21.6	6	8	48	2	8	26.4	6	8	26.4	3	8
24	7	8	50.4	3	8	28.8	7	8	28.8	4	8
26.4	8	8	52.8	4	8	31.2	8	8	31.2	5	8
28.8	1	8	55.2	5	8	33.6	1	8	33.6	6	8
31.2	2	8	57.6	6	8	36	2	8	36	7	8
33.6	3	8	00.00	7	8	38.4	3	8	38.4	8	8
36	4	8	02.4	8	8	40.8	4	8	40.8	1	8
38.4	5	8	04.8	1	8	43.2	5	8	43.2	2	8
40.8	6	8	07.2	2	8	45.6	6	8	45.6	3	8
43.2	7	8	09.6	3	8	48	7	8	48	4	8
45.6	8	8	12	4	8	50.4	8	8	50.4	5	8
48	1	8	14.4	5	8	52.8	1	8	52.8	6	8
50.4	2	8	16.8	6	8	55.2	2	8	55.2	7	8
52.8	3	8	19.2	7	8	57.6	3	8	57.6	8	8
55.2	4	8	21.6	8	8	00.00	4	8	00.00	1	8
57.6	5	8	24	1	8	02.4	5	8	02.4	2	8
59.6	6	8	26.4	2	8	04.8	6	8	04.8	3	8
02.4	7	8	28.8	3	8	07.2	7	8	07.2	4	8
04.8	8	8	31.2	4	8	09.6	8	8	09.6	5	8
07.2	1	8	33.6	5	8	12	1	8	12	6	8
09.6	2	8	36	6	8	14.4	2	8	14.4	7	8
12	3	8	38.4	7	8	16.8	3	8	16.8	8	8
14.4	4	8	40.8	8	8	19.2	4	8	19.2	1	8
16.8	5	8	43.2	1	8	21.6	5	8	21.6	2	8
19.2	6	8	45.6	2	8	24	6	8	24	3	8
21.6	7	8	48	3	8	26.4	7	8	26.4	4	8
24	8	8	50.4	4	8	28.8	8	8	28.8	5	8
26.4	1	8	52.8	5	8	31.2	1	8	31.2	6	8
28.8	2	8	55.2	6	8	33.6	2	8	33.6	7	8
31.2	3	8	57.6	7	8	36	3	8	36	8	8
33.6	4	8	00.00	8	8	38.4	4	8	38.4	1	8
36	5	8	02.4	1	8	40.8	5	8	40.8	2	8
38.4	6	8	04.8	2	8	43.2	6	8	43.2	3	8
40.8	7	8	07.2	3	8	45.6	7	8	45.6	4	8
43.2	8	8	09.6	4	8	48	8	8	48	5	8
45.6	1	8	12	5	8	50.4	1	8	50.4	6	8
48	2	8	14.4	6	8	52.8	2	8	52.8	7	8
50.4	3	8	16.8	7	8	55.2	3	8	55.2	8	8
52.8	4	8	19.2	8	8	57.6	4	8	57.6	1	8
55.2	5	8	21.6	1	8	00.00	5	8	00.00	2	8
57.6	6	8	24	2	8	02.4	6	8	02.4	3	8
59.6	7	8	26.4	3	8	04.8	7	8	04.8	4	8
02.4	8	8	28.8	4	8	07.2	8	8	07.2	5	8
04.8	1	8	31.2	5	8	09.6	1	8	09.6	6	8
07.2	2	8	33.6	6	8	12	2	8	12	7	8
09.6	3	8	36	7	8	14.4	3	8	14.4	8	8
12	4	8	38.4	8	8	16.8	4	8	16.8	1	8
14.4	5	8	40.8	1	8	19.2	5	8	19.2	2	8
16.8	6	8	43.2	2	8	21.6	6	8	21.6	3	8
19.2	7	8	45.6	3	8	24	7	8	24	4	8
21.6	8	8	48	4	8	26.4	8	8	26.4	5	8
24	1	8	50.4	5	8	28.8	1	8	28.8	6	8
26.4	2	8	52.8	6	8	31.2	2	8	31.2	7	8
28.8	3	8	55.2	7	8	33.6	3	8	33.6	8	8
31.2	4	8	57.6	8	8	36	4	8	36	1	8
33.6	5	8	00.00	1	8	38.4	5	8	38.4	2	8
36	6	8	02.4	2	8	40.8	6	8	40.8	3	8
38.4	7	8	04.8	3	8	43.2	7	8	43.2	4	8
40.8	8	8	07.2	4	8	45.6	8	8	45.6	5	8
43.2	1	8	09.6	5	8	48	1	8	48	6	8
45.6	2	8	12	6	8	50.4	2	8	50.4	7	8
48	3	8	14.4	7	8	52.8	3	8	52.8	8	8
50.4	4	8	16.8	8	8	55.2	4	8	55.2	1	8
52.8	5	8	19.2	1	8	57.6	5	8	57.6	2	8
55.2	6	8	21.6	2	8	00.00	6	8	00.00	3	8
57.6	7	8	24	3	8	02.4	7	8	02.4	4	8
59.6	8	8	26.4	4	8	04.8	8	8	04.8	5	8
02.4	1	8	28.8	5	8	07.2	1	8	07.2	6	8
04.8	2	8	31.2	6	8	09.6	2	8	09.6	7	8
07.2	3	8	33.6	7	8	12	3	8	12	8	8
09.6	4	8	36	8	8	14.4	4	8	14.4	1	8
12	5	8	38.4	1	8	16.8	5	8	16.8	2	8
14.4	6	8	40.8	2	8	19.2	6	8	19.2	3	8
16.8	7	8	43.2	3	8	21.6					