

## DAFTAR PUSTAKA

Anwar H., dkk. (2015). Rancang Bangun Sistem Telemetri Wireless Realtime Monitoring Kualitas Air Terintegrasi Dengan Automatic Sampling dan Aplikasi Database Berbasis Mikrokontroler, Universitas Pendidikan Indonesia, Pusat Penelitian Elektronika dan Telekomunikasi LIPI, Bandung.

Anufia, B., & Alhamid, T. (2019). Instrumen pengumpulan data.

Alfan, A. N., & Ramadhan, V. (2022). Prototype Detektor Gas Dan Monitoring Suhu Berbasis Arduino Uno. *PROSISKO: Jurnal Pengembangan Riset Dan Observasi Sistem Komputer*, 9(2), 61-69.

Widodo, T., Irawan, B., Prastowo, A. T., & Surahman, A. (2020). Sistem Sirkulasi Air Pada Teknik Budidaya Bioflok Menggunakan Mikrokontroler Arduino Uno R3. *Jurnal Teknik Dan Sistem Komputer*, 1(2), 34-39.

Sugiyono. 2018. *Metode Penelitian Kuantitatif*. Bandung: Alfabeta.

Lubis, F., Pane, R., Lubis, S., Siregar, M. A., & Kusuma, B. S. (2021). Analisa Kekuatan Bearing Pada Prototype Belt Conveyor. *Jurnal MESIL (Mesin Elektro Sipil)*, 2(2), 51-57.

Fathoni, M. (2022). Sistem otomasi toilet masjid berbasis arduino dengan sensor PIR dan sensor suhu (Doctoral dissertation, Universitas Islam Negeri Maulana Malik Ibrahim).

Samsugi, S., Gunawan, R. D., Priandika, A. T., & Prastowo, A. T. (2022). Penerapan Penjadwalan Pakan Ikan Hias Molly Menggunakan Mikrokontroler Arduino UNO dan Sensor RTC DS3231. *Jurnal Teknologi dan Sistem Tertanam*, 3(2).

Wicaksono, W. A., & Silalahi, L. M. (2020). Rancang Bangun Alat Pendeteksi Banjir Menggunakan Arduino Dengan Metode Fuzzy Logic. *Jurnal Teknologi Elektro*, 11(2), 93-99.

Dian, J., & Silalahi, F. D. (2021). Aplikasi Monitoring Persediaan Barang Berbasis Web Pada Koperasi Pegawai Logistik Dolog Semarang Menggunakan Barcode Reader. *Teknik: Jurnal Ilmu Teknik dan Informatika*, 1(1), 35-42.

HANDOYO, S. P. (2024). PREVENTIVE MAINTENANCE AIR HEATER PADA BOILER UNIT 1-4 (Power Generation Unit)", di PT Indonesia Power PLTU Suralaya PGU (Power Generation Unit).

Inggi, R., & Pangala, J. (2021). Perancangan Alat Pendeteksi Kebocoran Gas LPG Menggunakan Sensor MQ-2 Berbasis Arduino. *Jurnal Sistem Informasi dan Sistem Komputer*, 6(1), 12-22.

Veza, O., Kom, S., & Kom, M. (2018). RANCANG BANGUN APLIKASI OBJEK WISATA KOTA BATAM BERBASIS ANDROID. *POLITEKNIK JAMBI, INDONESIA* 16 OCTOBER 2018, 51.

Suroso Rosita dan Ichsan Djatmiko. "Tinjauan Termodinamika Untuk Optimalisasi Dalam Perencanaan PLTU BatuBara 50 MW". Surabaya; 2015.

V. Wiratna Surgarweni. 2014. SPSS untuk penelitian. Yogyakarta: Pustaka Baru Press. Hal 193

Saputra, D. I., Karmel, G. M., & Zainal, Y. B. (2020). Perancangan dan Implementasi Rapid Temperature Screening Contactless dan Jumlah Orang Berbasis IOT dengan Protokol MQTT. *Journal Of Energy And Electrical Engineering (JEEE)*, 02(01), 20–30.

Nasehudin, T. S., & Gozali, N. (2012). Metode penelitian kuantitatif.

SHAFIRA, G. B., & SUDIRA, C. Y. (2022). We-Dcare: Wearable Device Pemantauan Kesehatan Tubuh Manusia Berbasis Internet Of Things.

Faisal Rahman Adi. "Identifikasi Keausan Bantalan Tirus (Tapered Bearing) Berbasis Analisis Vibrasi dengan Metode Support Vector Machine (SVM)". 2017.

JURNAL TEKNIK ITS Vol. 6, No. 2 (2017), 2337-3520 (2301-928X Print).

Raharja, A. E. (2020). Perancangan Bearing pada mesin vertical centrifugal casting.

SIREGAR, J. (2024). RANCANG BANGUN ALAT IOT MENGGUNAKAN ARDUINO UNO PENYIRAMAN OTOMATIS PADA TANAMAN SEMANGKA (Doctoral dissertation, Universitas

Labuhanbatu).

Setiawan, Y., Tanudjaja, H., & Octaviani, S. (2018). Penggunaan Internet of Things (IoT) untuk Pemantauan dan Pengendalian Sistem Hidroponik. *TESLA: Jurnal Teknik Elektro*, 20(2), 175-182.

Aldo Erianda *et al.* "Android Based Chicken Development Monitoring Application". International Conference on Applied Sciences, Information and Technology 2019. Materials Science and Engineering 846 (2020) 012018. Doi : 10.1088/1757- 899X/846/1/012018.

Hamzah, Eteruddin *et al.* "Web Based Raspberry Monitoring System Solar Energy Power Plant". 2020. *Earth Environ. Sci* 469 012051. Doi : 10.1088/1755- 1315/469/1/012051.s

Xiaoyan Han & Chunyu Liu. " Design and Implementation of Teaching System for Basic Sports Rehabilitation Courses Based on Android Platform". *International Journal of Computational Intelligence System*. 2023.

<https://doi.org/10.1007/s44196-023- 00267-w>.

Miftachul Nur, A., Waluyo B. "Model Sistem Monitoring Minyak Pelumas Digital dengan Memanfaatkan Gaya Apung dengan Sensor Load Cell". 2018. Vol No. 01 (2018). pp 24-29. doi : <https://doi.org/10.31603/ae.v1i01.2019>

Nova, F., Pratama, M. D., & Prayama, D. (2022). Wazuh Sebagai log event management Dan Deteksi Celah Keamanan Pada server dari serangan dos. *JITSI: Jurnal Ilmiah Teknologi Sistem Informasi*, 3(1), 1-7.

Wicaksono, G. A., Hidayat, I., Wijaya, S. H., & Akbar, R. I. (2024). RANCANG BANGUN BUKA TUTUP TEMPAT SAMPAH OTOMATIS MENGGUNAKAN ARDUINO UNO (INFRARED BARRIER SENSOR) DAN ULTRASONIK UNTUK MENDETEKSI SAMPAH YANG SUDAH PENUH. *Jurnal Teknik Industri, Sistem Informasi dan Teknik Informatika*, 3(1).

Sukanto. (2016). Monitoring Perbandingan Kualitas Air Danau dan PDAM Menggunakan Sensor Turbidity, pH, dan Suhu berbasis Web, *Politeknik Negeri Madiun. JEECAE Vol.1, No.1. Pp 37-45.*

Heru Dwi, (2015). Pemantauan Kualitas Air Danau Semayang dan Danau Melintang di Kabupaten Kutai Kartanegara Menggunakan sistem Online Monitoring. *JAI Vol. 8 No. 1. Pp 81-92.*

Nurliyani, A., A. Rahmansyah., dan Yoannita. "Designing Application for Dictionary of Indonesia Law Based on Android". 2019. JITE (Journal of Informatics and Telecommunication Engineering). 3 (1) : 125-133. Doi : 10.31289/jite.v3i1.2624

Palimbuga, (2017). Sistem Monitoring Keasaman Berbasis Jaringan Nirkabel WiFi IP.

S. Samsugi, dkk, 2017, Arduino Dan Modul Wifi ESP8266 Sebagai Media Kendali Jarak Jauh Dengan Antarmuka Berbasis Android. Bandar Lampung: Jurusan Informatika, FTIK, Universitas

Ritha Sandra Veronika Simbar, Alfi Syahrin. *Prototype* system monitoring temperature menggunakan arduino uno3 dengan komunikasi wireless. Jurnal Teknik Mesin (JTM): Vol. 05, Edisi Spesial 2016.

Arief Suardi Nur Chairat dan Rahmadino Yuda. Analisis Kapasitas Force Draft Fan Dengan Bahan Bakar Batu Bara Kualitas Rendah. Jurnal Power Plant Vol.04 ISSN No. 2356-1513, Edisi 2015.

Oby, Zamisyak, dan Indobot Academy Team, 2020. *PEMROGRAMAN DASAR ARDUINO* (e-book). Yogyakarta. By Indobot.co.id.

Ibnu Habibi Tanjung, Jufrizel, Ahmad Faizal , Putut Son Maria. Termometer *Non Contact* Menggunakan Sensor Suhu Infrared MLX90614 Sebagai Pengukur Suhu Tubuh Berbasis SMS Gate Way. IJEERE-Vol. 2 Iss. 1 Juni 2022, pp : 19-28

Kabul Setiya Budi dan Yudhiakto Pramudya, 2017. Pengembangan Sistem Akuisisi Data Kelembaban Dan Suhu Dengan Menggunakan Sensor DHT11 Dan Arduino Berbasis IOT Vol. VI, Oktober 2017. DOI: doi.org/10.21009/03.SNF2017.02.CIP.07



## Bahasa Pemrograman Arduino

```
#include <ThingSpeak.h>
#include <Adafruit_MLX90614.h>
#include <ESP8266WiFi.h>
#include <WiFiClient.h>

String apiKey = "T1H8Y9IOZ78P7LXU";
const char *ssid = "DRAGONBALL";
const char *pass = "26020621";
const char* server = "api.thingspeak.com";

WiFiClient client;
unsigned long myChannelNumber = 2428702;
const char * myWriteAPIKey = " T1H8Y9IOZ78P7LXU ";

//double temp_amb;
//double temp_obj;
//double calibration = 2.36;

float temp_amb;
float temp_obj;
float calibration = 2.36;

Adafruit_MLX90614 mlx = Adafruit_MLX90614();
void setup() {
  // put your setup code here, to run once:
  Serial.begin(9600);
  mlx.begin();

  Serial.println("Connecting ");
  Serial.println(ssid);
  WiFi.begin(ssid, pass);
  ThingSpeak.begin(client);
}

void loop() {
  // put your main code here, to run repeatedly:
  temp_amb = mlx.readAmbientTempC();
  temp_obj = mlx.readObjectTempC();
```

```
//Serial Monitor
Serial.print("Room Temp = ");
Serial.println(temp_amb);
Serial.print("Object temp = ");
Serial.println(temp_obj);

ThingSpeak.writeField(myChannelNumber, 1,temp_obj, myWriteAPIKey);
ThingSpeak.writeField(myChannelNumber, 2,temp_amb, myWriteAPIKey);

delay(1000);
}
```



# Lampiran 2

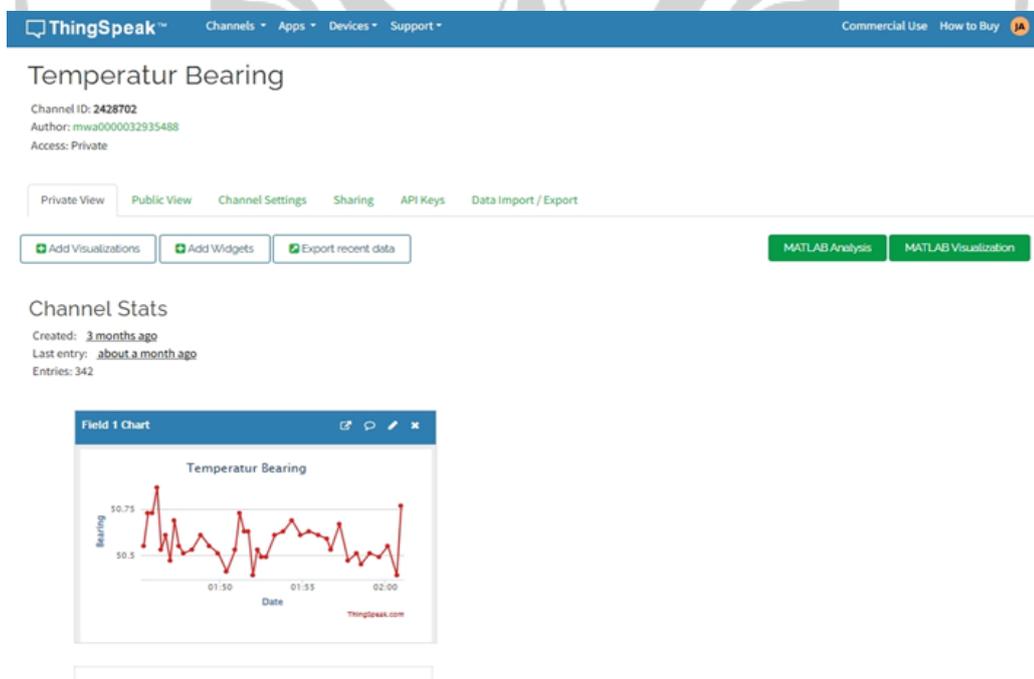


## Perancangan perangkat lunak

Dalam bagian perancangan perangkat lunak ini, ada 3 hal yang akan dilakukan, yakni: pertama membuat *channel* pada Thingspeak di mana sebagai *cloud server* yang akan menampung data yang dikirimkan secara *online real time* dari sensor yang terpasang pada FD Fan. Selain menampung *database* pembacaan sensor, data tersebut juga akan ditampilkan dalam bentuk grafik. Dan yang kedua adalah pemrograman Arduino dan LOLIN Wemos (D1 R1). Dan yang ketiga upload untuk arduino ke LOLIN Wemos (D1 R1).

### Membuat *channel* pada thingspeak

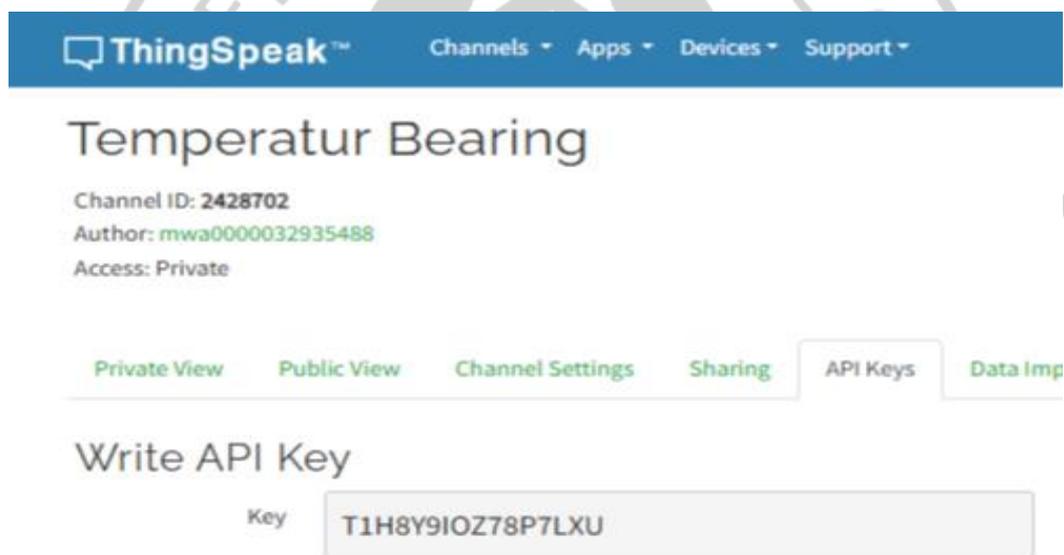
Seperti yang telah dijelaskan pada Bab 2.5, bahwa sebelum dapat membuat *Channel* pada Thingspeak, maka perlu membuat akun terlebih dahulu pada websitenya. Di sini akan memperlihatkan *Channel* yang telah dibuat yang ditunjukkan pada Gambar 1.



Gambar 1 Tampilan halaman channel yang telah dibuat

Pada halaman *channel* ini akan ditampilkan hasil dari pembacaan sensor temperatur FD Fan secara *real time*, dalam bentuk grafik dan juga dalam bentuk angka. Melalui *channel* ini juga telah di-generate API (*Application Programming Interface*) secara otomatis untuk setiap *channel* yang telah dibuat. Kode API ini yang nantinya akan dipakai dalam pemrograman LOLIN Wemos D1 R1, sehingga hasil pembacaan dari sensor temperatur dapat diterima pada Thingspeak untuk ditampilkan dalam bentuk grafik dan angka.

Pada Gambar 2 diperlihatkan kode API yang ada pada halaman *channel* di Thingspeak. Kode API yang di-generate oleh Thingspeak akan berbeda untuk setiap *channel* yang dibuat.



Gambar 2 Nomor API key dari *channel* yang telah dibuat

1. Pemrograman perangkat lunak arduino dan penginstalan lolin wemos D1 R1.

Pada prinsipnya, perangkat lunak arduino tempat pembuatan program dan meneruskannya ke LOLIN (Wemos) D1 R1, dan selanjutnya LOLIN (Wemos) D1 R1 akan mengirimkan data tersebut ke Thingspeak. *Interval* waktu untuk pengiriman data ke Thingspeak adalah setiap 16 detik.

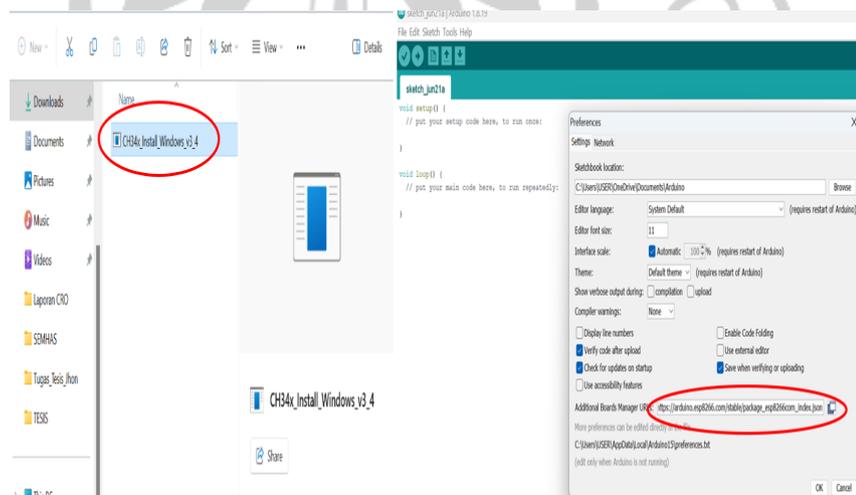
Perangkat Lunak Arduino, disini menggunakan sebagai media pemrograman. Perangkat Lunak Arduino IDE dapat di-unduh/download dari

website resmi Arduino pada:

[http://arduino.esp8266.com/stable/package\\_esp8266com\\_index.json](http://arduino.esp8266.com/stable/package_esp8266com_index.json)

Dan mengunduh ke laman preference seperti yang ditunjukkan pada Gambar 3. Isi program kedalam perangkat lunak Arduino seperti yang ditunjukkan pada Gambar 4. Setelah programnya selesai dibuat, maka dilanjutkan dengan proses *compile* dan *upload* ke modul LOLIN (Wemos) D1 R1. Semuanya dilakukan dari Laptop.

Isi selengkapnya dari program untuk Arduino ke module board LOLIN (Wemos) D1 R1, dapat dilihat pada Lampiran 1. Kemudian menginstal satu per satu license AdafruitBusLO dan Adafruit MLX90164 untuk memunculkan port dari modul LOLIN (Wemos) D1 R1 seperti yang ditunjukkan pada Gambar 5 dan Gambar 6.



Gambar 3 Pemilihan *channel port* USB pada laptop untuk lolin wemos D1 R1

```

Tugas_Tesis_Jhony_A | Arduino 1.8.19
File Edit Sketch Tools Help

Tugas_Tesis_Jhony_A
#include <ThingSpeak.h>
#include <Adafruit_MLX90614.h>
#include <ESP8266WiFi.h>
#include <WiFiClient.h>

String apiKey = "T1H8Y9IOz78P7LXU";
const char *ssid = "DRAGONBALL";
const char *pass = "26020621";
const char* server = "api.thingspeak.com";

WiFiClient client;
unsigned long myChannelNumber = 2428702;
const char * myWriteAPIKey = " T1H8Y9IOz78P7LXU ";

//double temp_amb;
//double temp_obj;
//double calibration = 2.36;

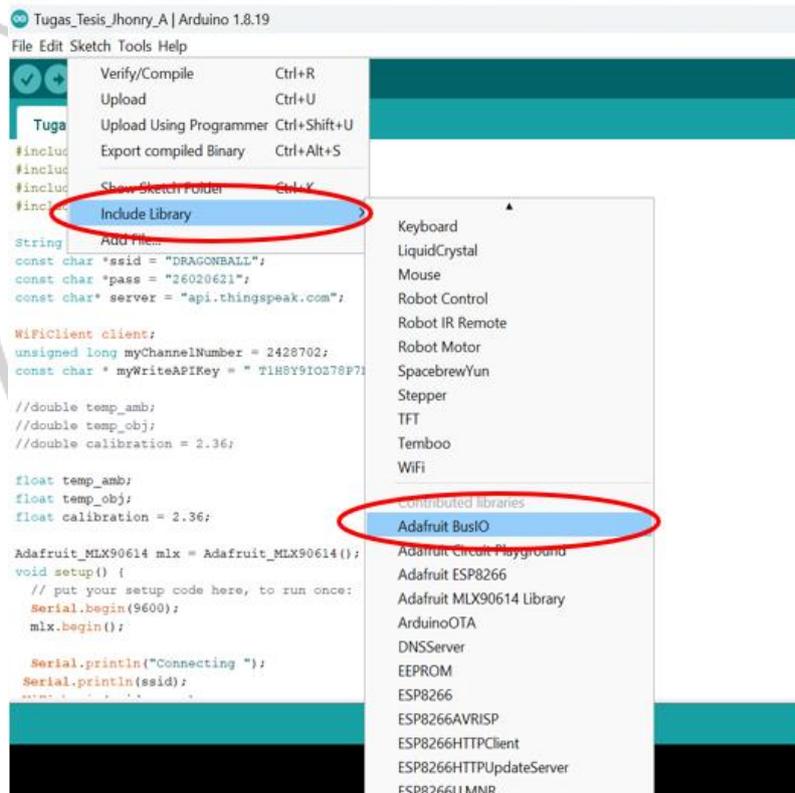
float temp_amb;
float temp_obj;
float calibration = 2.36;

Adafruit_MLX90614 mlx = Adafruit_MLX90614();
void setup() {
  // put your setup code here, to run once:
  Serial.begin(9600);
  mlx.begin();

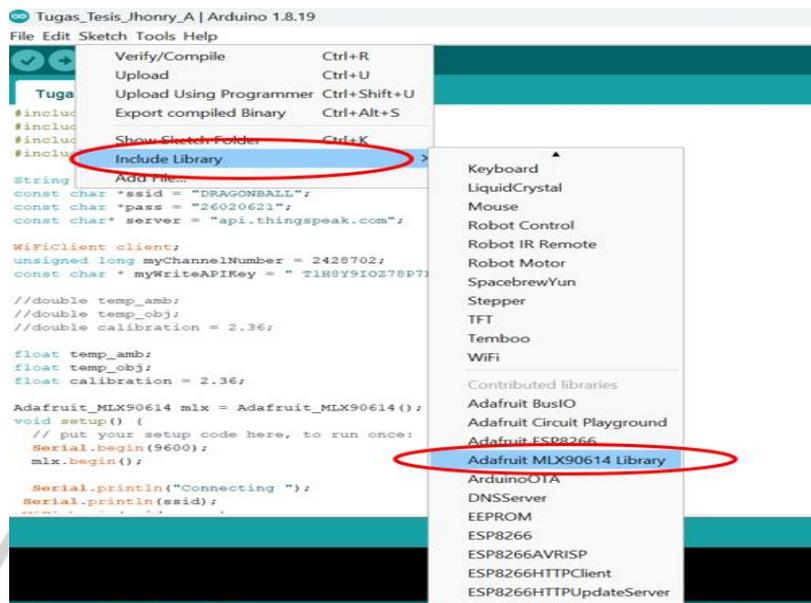
  Serial.println("Connecting ");
  Serial.println(ssid);
}

```

Gambar 4 Proses pengisian program untuk arduino



Gambar 5 Proses mengunduh lisensi adafruitbusIo untuk menampilkan port modul lolin (wemos) D1 R1.



Gambar 6 Proses mengunduh lisensi adafruit MLX9016 untuk menampilkan *port* modul lolin (wemos) D1 R1.

Hal yang perlu diperhatikan dalam pembuatan program untuk (LOLIN Wemos (D1 R1) adalah informasi SSID (*Service Set Identifier*) dan *password* WIFI yang digunakan pada area sekitar FD Fan. Dan juga informasi API key Thingspeak, seperti yang telah ditunjukkan pada Gambar 2.

SSID dan *password* WIFI diperlukan agar LOLIN (Wemos) D1 R1 dapat terhubung ke jaringan Internet, sehingga dapat mengirim data ke Thingspeak. Sedangkan API *key* diperlukan untuk menentukan bahwa data akan terkirim ke alamat *channel* yang telah dibuat sebelumnya pada Thingspeak.

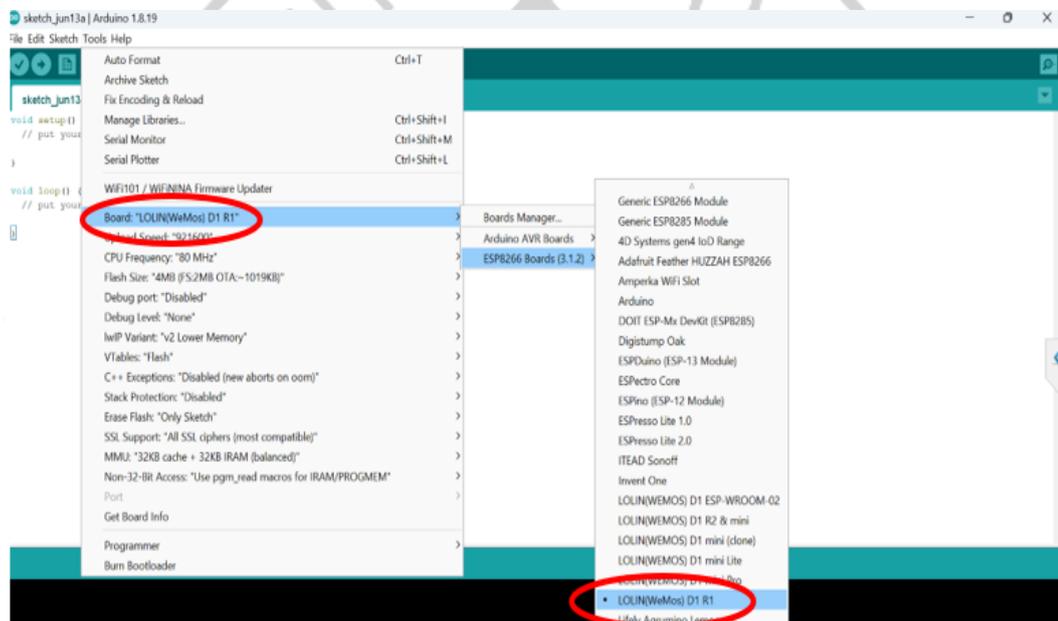
Dalam pemrograman Arduino, hal yang perlu diketahui dan dipahami bahwa sensor infrared MLX90614 yang terhubung langsung ke LOLIN (Wemos) D1 R1 sesuai skema pada Gambar 4.1. Sehingga hasil pembacaan *sensor* akan terkirim ke LOLIN (Wemos) D1 R1. Yang perlu diperhatikan di sini adalah bahwa sensor infrared MLX90614 mengirim data jarak antara *sensor* dan obyek, dalam hal ini adalah jarak dari *sensor* ke permukaan bearing FD Fan.

Sedangkan data yang diperlukan dalam penelitian ini adalah temperatur bearing pada FD Fan.

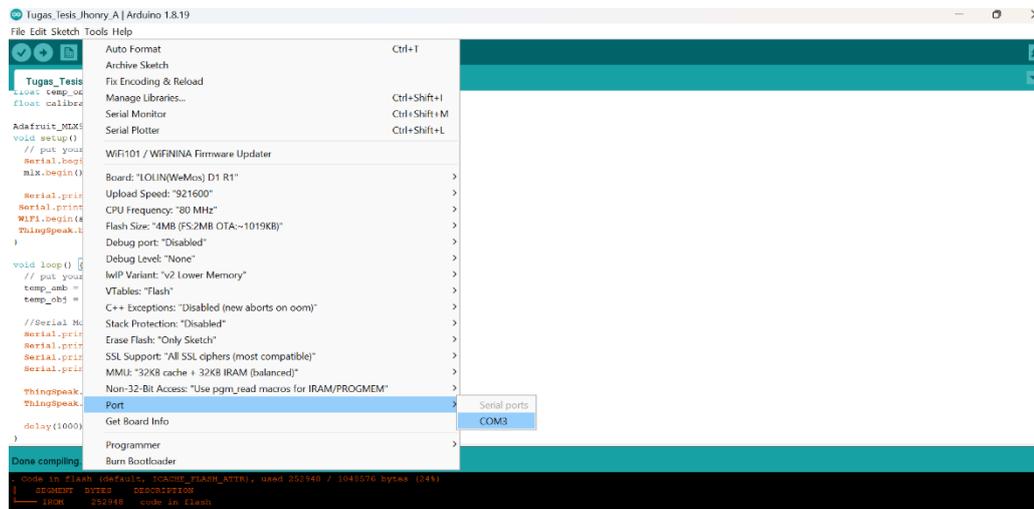
## 2. Upload program untuk arduino ke lolin (wemos) D1 R1

Dalam proses *upload* program, akan dilakukan dari Arduino ke LOLIN (Wemos) D1 R1. Dalam hal ini program yang diupload adalah program yang ada pada arduino ke LOLIN Wemos D1 R1, setelah selesai dilanjutkan dengan menghubungkan Laptop dan LOLIN (Wemos) D1 R1.

Pada saat kabel data/komunikasi dihubungkan antara Laptop- LOLIN (Wemos) D1 R1, maka LOLIN (Wemos) D1 R1 menggunakan : port COM3 yang ditunjukkan pada Gambar 8.



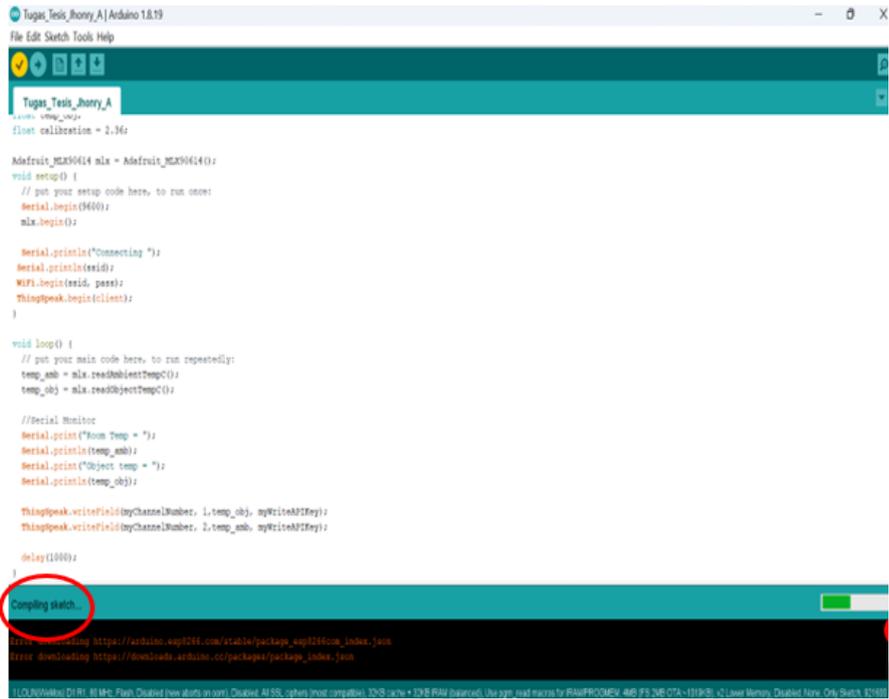
Gambar 7 Pemilihan *board* untuk lolin wemos D1 R1 pada perangkat lunak arduino



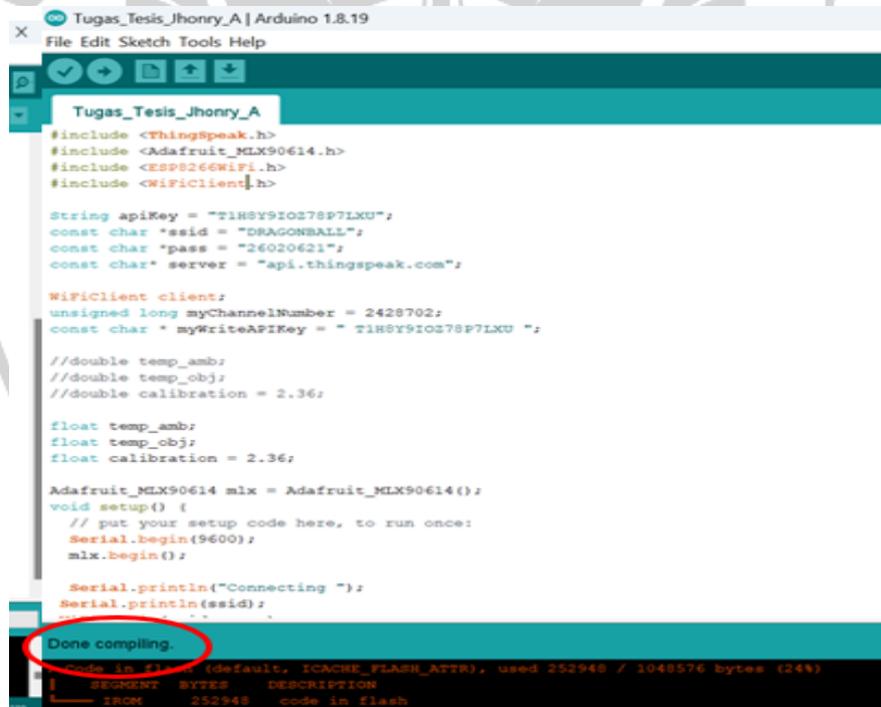
Gambar 8 Pemilihan *port* untuk lolin wemos D1 R1 pada perangkat lunak arduino

Setelah proses konfigurasi komunikasi antara Laptop dengan LOLIN (Wemos) D1 R1 telah sesuai dan berhasil, maka dapat dilanjutkan dengan proses *upload* program. Pada saat proses *uploading* program dari Laptop ke LOLIN (Wemos) D1 R1, akan diawali dengan proses *compiling* yang ditunjukkan pada Gambar 9.

Apabila proses *compiling* berhasil, maka secara otomatis akan berlanjut ke proses *uploading* programnya hingga selesai, yang ditandai dengan tampilnya keterangan “*Done compiling*” yang ditunjukkan pada Gambar 10.



Gambar 9 Proses *compiling* program *upload* program yang sudah berhasil

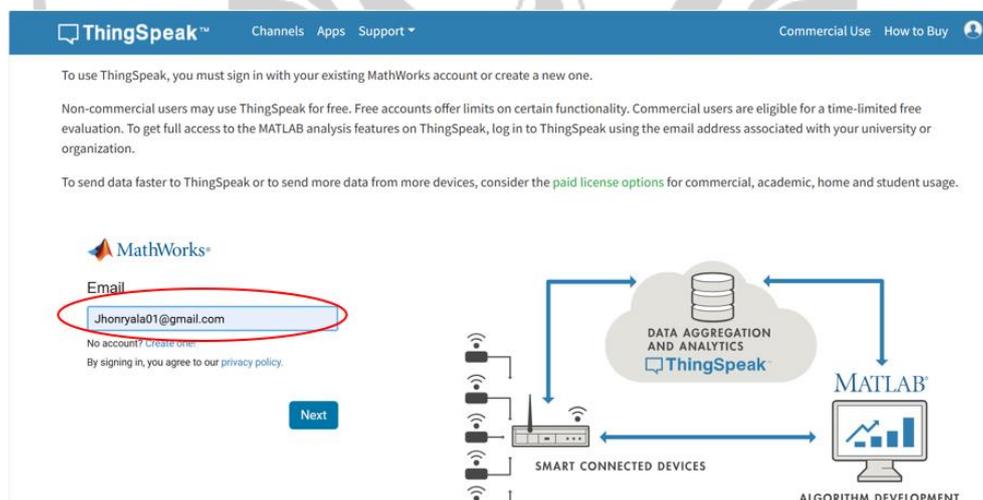


Gambar 10 Proses *upload* program yang sudah berhasil

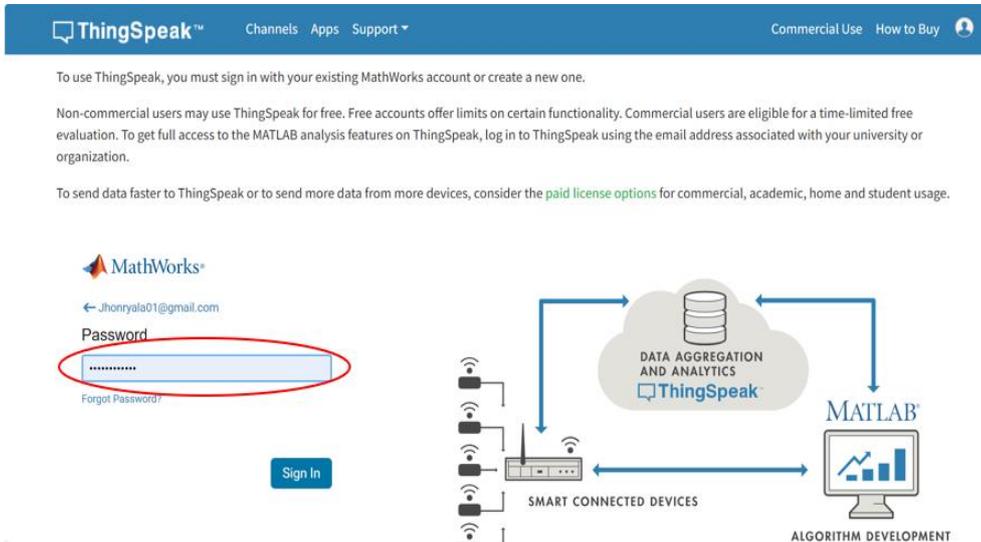
Setelah program telah diupload ke Arduino dan board LOLIN Wemos D1 R1 sudah siap yang merupakan tahap terakhir dari persiapan pengambilan data, maka selanjutnya pengambilan data temperatur bearing sudah dapat dilakukan. Peralatan yang telah terpasang pada *FD Fan*, pada saat di-ON-kan/diaktifkan, maka sensor akan mengirimkan data secara *online real time* ke *cloud server* Thingspeak secara otomatis dengan memanfaatkan jaringan internet yang ada. Sehingga data temperatur bearing dan juga grafiknya dapat dilihat pada laptop/ponsel cerdas.

Tampilan grafik dapat dilihat setelah melakukan login terlebih dahulu pada cloud server Thingspeak yang telah dibuat dengan memasukkan email dan password, yang ditunjukkan pada Gambar 11 dan Gambar 12.

Kemudian pilih *My Channel* pada daftar menu yang ditunjukkan pada Gambar 12, lalu pilih *channel* yang telah dibuat yang ditunjukkan pada Gambar 13



Gambar 11 Proses memasukkan email cloud server thingspeak



Gambar 12 Proses memasukkan password sebelum login



Gambar 13 Daftar menu pada cloud Thingspeak

ThingSpeak™ Channels ▾ Apps ▾ Devices ▾ Support ▾

## My Channels

[New Channel](#)

Name ▾	Created ▾	Updated ▾
 <b>Temperatur Bearing</b>	2024-02-10	2024-02-10 14:23

[Private](#) [Public](#) [Settings](#) [Sharing](#) [API Keys](#) [Data Import / Export](#)

Gambar 14 Channels yang telah dibuat





# Lampiran 3

## Tabel pengambilan data lengkap

Tabel A.1. Data temperatur hari pertama

No.	Hari-1/ 24.08.2024			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	9:12:39 PM	105.10	105.09	0.01
2	9:12:55 PM	110.43	110.17	0.26
3	9:13:11 PM	111.54	111.13	0.41
4	9:13:27 PM	110.61	110.15	0.46
5	9:13:43 PM	109.81	109.23	0.58
6	9:13:59 PM	109.81	109.14	0.67
7	9:14:15 PM	109.31	109.20	0.11
8	9:14:31 PM	108.73	108.16	0.57
9	9:14:47 PM	108.01	108.18	-0.17
10	9:15:03 PM	107.62	107.16	0.46
11	9:15:19 PM	106.97	106.23	0.74
12	9:15:35 PM	106.64	106.13	0.51
13	9:15:51 PM	106.21	106.12	0.09
14	9:16:07 PM	105.93	105.10	0.83
15	9:16:23 PM	105.78	105.08	0.7
16	9:16:39 PM	105.49	105.09	0.4
17	9:16:55 PM	105.39	105.03	0.36
18	9:17:11 PM	105.28	105.10	0.18
19	9:17:27 PM	105.35	105.07	0.28
20	9:17:43 PM	105.17	105.06	0.11
21	9:17:59 PM	105.17	105.09	0.08
22	9:18:15 PM	105.03	105.04	-0.01
23	9:18:31 PM	105.03	105.06	-0.03
24	9:18:47 PM	104.84	104.02	0.82
25	9:19:03 PM	104.63	104.07	0.56
26	9:19:19 PM	104.66	104.04	0.62
27	9:19:35 PM	104.74	104.05	0.69
28	9:19:51 PM	104.52	104.04	0.48
29	9:20:07 PM	104.66	104.00	0.66
30	9:20:23 PM	104.45	104.07	0.38
31	9:20:39 PM	104.34	104.06	0.28
32	9:20:55 PM	104.34	104.09	0.25

Tabel A.2. Data temperatur hari pertama (lanjutan)

33	9:21:11 PM	104.45	104.00	0.45
34	9:21:27 PM	104.27	104.08	0.19
35	9:21:43 PM	104.16	104.01	0.15
36	9:21:59 PM	104.38	104.04	0.34
37	9:22:15 PM	104.38	104.06	0.32
38	9:22:31 PM	104.05	104.03	0.02
39	9:22:47 PM	104.27	104.04	0.23
40	9:23:03 PM	104.13	104.04	0.09
41	9:23:19 PM	104.02	104.08	-0.06
42	9:23:35 PM	104.05	104.09	-0.04
43	9:23:51 PM	103.55	103.12	-0.07
44	9:24:07 PM	104.05	104.05	0
45	9:24:23 PM	104.03	104.08	-0.05
46	9:24:39 PM	103.39	103.05	0.34
47	9:24:55 PM	104.13	104.02	0.11
48	9:25:11 PM	104.02	104.01	0.01
49	9:25:27 PM	104.16	104.15	0.01
50	9:25:43 PM	103.98	103.06	0.92
51	9:25:59 PM	104.13	104.03	0.1
52	9:26:15 PM	103.98	103.05	0.93
53	9:26:31 PM	103.91	103.96	-0.05
54	9:26:47 PM	103.84	103.01	0.83
55	9:27:03 PM	103.98	103.01	0.97
56	9:27:19 PM	103.76	103.02	0.74
57	9:27:35 PM	103.91	103.00	0.91
58	9:27:51 PM	103.76	103.12	0.64
59	9:28:07 PM	103.80	103.04	0.76
60	9:28:23 PM	103.94	103.05	0.89
61	9:28:39 PM	104.02	104.01	0.01
62	9:28:55 PM	104.16	104.15	0.01
63	9:29:11 PM	103.98	103.06	0.92
64	9:29:27 PM	104.13	104.03	0.1
65	9:29:43 PM	103.98	103.05	0.93
66	9:29:59 PM	103.91	103.96	-0.05
67	9:30:15 PM	103.84	103.01	0.83
68	9:30:31 PM	103.98	103.01	0.97
69	9:30:47 PM	103.76	103.02	0.74
70	9:31:03 PM	103.91	103.00	0.91

Tabel A.3. Data temperatur hari pertama (lanjutan)

71	9:31:19 PM	103.76	103.12	0.64
72	9:31:35 PM	103.80	103.04	0.76
73	9:31:51 PM	103.94	103.05	0.89
74	9:32:07 PM	104.38	104.04	0.34
75	9:32:23 PM	104.38	104.06	0.32
76	9:32:39 PM	104.05	104.03	0.02
77	9:32:55 PM	104.27	104.04	0.23
78	9:33:11 PM	104.13	104.04	0.09
79	9:33:27 PM	104.02	104.08	-0.06
80	9:33:43 PM	104.05	104.09	-0.04
81	9:33:59 PM	104.05	104.12	-0.07
82	9:34:15 PM	104.05	104.05	0
83	9:34:31 PM	104.03	104.08	-0.05
84	9:34:47 PM	103.39	103.05	0.34
85	9:35:03 PM	104.13	104.02	0.11
86	9:35:19 PM	104.02	104.01	0.01
87	9:35:35 PM	104.02	104.08	-0.06
88	9:35:51 PM	104.05	104.09	-0.04
89	9:36:07 PM	104.05	104.12	-0.07
90	9:36:23 PM	104.05	104.05	0
91	9:36:39 PM	104.03	104.08	-0.05
92	9:36:55 PM	103.39	103.05	0.34
93	9:37:11 PM	104.13	104.02	0.11
94	9:37:27 PM	104.02	104.01	0.01
95	9:37:43 PM	104.16	104.15	0.01
96	9:37:59 PM	103.98	103.06	0.92
97	9:38:15 PM	104.13	104.03	0.1
98	9:38:31 PM	103.98	103.05	0.93
99	9:38:47 PM	103.91	103.96	-0.05
100	9:39:03 PM	103.84	103.01	0.83
101	9:39:19 PM	103.98	103.01	0.97
102	9:39:35 PM	103.76	103.02	0.74
103	9:39:51 PM	103.91	103.00	0.91
104	9:40:07 PM	103.76	103.12	0.64
105	9:40:23 PM	103.80	103.04	0.76
106	9:40:39 PM	103.94	103.05	0.89
107	9:40:55 PM	104.02	104.01	0.01
108	9:41:11 PM	104.16	104.15	0.01

Tabel A.4. Data temperatur hari pertama (lanjutan)

109	9:41:27 PM	103.98	103.06	0.92
110	9:41:43 PM	104.13	104.03	0.1
111	9:41:59 PM	103.98	103.05	0.93
112	9:42:15 PM	103.91	103.96	-0.05
113	9:42:31 PM	103.84	103.01	0.83
114	9:42:47 PM	103.98	103.01	0.97
115	9:43:03 PM	103.76	103.02	0.74
116	9:43:19 PM	103.91	103.00	0.91
117	9:43:35 PM	103.76	103.12	0.64
118	9:43:51 PM	103.80	103.04	0.76
119	9:44:07 PM	103.94	103.05	0.89
120	9:44:23 PM	104.38	104.04	0.34
121	9:44:39 PM	104.38	104.06	0.32
122	9:44:55 PM	104.05	104.03	0.02
123	9:45:11 PM	104.27	104.04	0.23
124	9:45:27 PM	104.13	104.04	0.09
125	9:45:43 PM	104.02	104.08	-0.06
126	9:45:59 PM	104.05	104.09	-0.04
127	9:46:15 PM	104.05	104.12	-0.07
128	9:46:31 PM	104.05	104.05	0
129	9:46:47 PM	104.03	104.08	-0.05
130	9:47:03 PM	103.39	103.05	0.34
131	9:47:19 PM	104.13	104.02	0.11
132	9:47:35 PM	104.02	104.01	0.01
133	9:47:51 PM	104.66	104.04	0.62
134	9:48:07 PM	104.74	104.05	0.69
135	9:48:23 PM	104.52	104.04	0.48
136	9:48:39 PM	104.66	104.00	0.66
137	9:48:55 PM	104.45	104.07	0.38
138	9:49:11 PM	104.34	104.06	0.28
139	9:49:27 PM	104.34	104.09	0.25
140	9:49:43 PM	104.45	104.00	0.45
141	9:49:59 PM	104.27	104.08	0.19
142	9:50:15 PM	104.16	104.01	0.15
143	9:50:31 PM	104.38	104.04	0.34
144	9:50:47 PM	104.38	104.06	0.32
145	9:51:03 PM	104.05	104.03	0.02
146	9:51:19 PM	104.27	104.04	0.23

Tabel A.5. Data temperatur hari pertama (lanjutan)

147	9:51:35 PM	104.13	104.04	0.09
148	9:51:51 PM	104.02	104.08	-0.06
149	9:52:07 PM	104.05	104.09	-0.04
150	9:52:23 PM	104.05	104.12	-0.07
151	9:52:39 PM	104.05	104.05	0
152	9:52:55 PM	104.03	104.08	-0.05
153	9:53:11 PM	103.39	103.05	0.34
154	9:53:27 PM	104.13	104.02	0.11
155	9:53:43 PM	104.02	104.01	0.01
156	9:53:59 PM	104.16	104.15	0.01
157	9:54:15 PM	103.98	103.06	0.92
158	9:54:31 PM	104.13	104.03	0.1
159	9:54:47 PM	103.98	103.05	0.93
160	9:55:03 PM	103.91	103.96	-0.05
161	9:55:19 PM	103.84	103.01	0.83
162	9:55:35 PM	103.98	103.01	0.97
163	9:55:51 PM	103.76	103.02	0.74
164	9:56:07 PM	103.91	103.00	0.91
165	9:56:23 PM	103.76	103.12	0.64
166	9:56:39 PM	103.80	103.04	0.76
167	9:56:55 PM	103.94	103.05	0.89
168	9:57:11 PM	104.02	104.01	0.01
169	9:57:27 PM	104.16	104.15	0.01
170	9:57:43 PM	103.98	103.06	0.92
171	9:57:59 PM	104.13	104.03	0.1
172	9:58:15 PM	103.98	103.05	0.93
173	9:58:31 PM	103.91	103.96	-0.05
174	9:58:47 PM	103.84	103.01	0.83
175	9:59:03 PM	103.98	103.01	0.97
176	9:59:19 PM	103.76	103.02	0.74
177	9:59:35 PM	103.91	103.00	0.91
178	9:59:51 PM	103.76	103.12	0.64
179	10:00:07 PM	103.80	103.04	0.76
180	10:00:23 PM	103.94	103.05	0.89
181	10:00:39 PM	104.38	104.04	0.34
182	10:00:55 PM	104.38	104.06	0.32
183	10:01:11 PM	104.13	104.03	0.1
184	10:01:27 PM	103.98	103.05	0.93

Tabel A.6. Data temperatur hari pertama (lanjutan)

185	10:01:43 PM	103.91	103.96	-0.05
186	10:01:59 PM	103.84	103.01	0.83
187	10:02:15 PM	103.98	103.01	0.97
188	10:02:31 PM	103.76	103.02	0.74
189	10:02:47 PM	103.91	103.00	0.91
190	10:03:03 PM	103.76	103.12	0.64
191	10:03:19 PM	103.80	103.04	0.76
192	10:03:35 PM	103.94	103.05	0.89
193	10:03:51 PM	104.02	104.01	0.01
194	10:04:07 PM	104.16	104.15	0.01
195	10:04:23 PM	103.98	103.06	0.92
196	10:04:39 PM	104.13	104.03	0.1
197	10:04:55 PM	103.98	103.05	0.93
198	10:05:11 PM	103.91	103.96	-0.05
199	10:05:27 PM	103.84	103.01	0.83
200	10:05:43 PM	103.98	103.01	0.97
201	10:05:59 PM	103.76	103.02	0.74
202	10:06:15 PM	103.91	103.00	0.91
203	10:06:31 PM	103.76	103.12	0.64
204	10:06:47 PM	103.80	103.04	0.76
205	10:07:03 PM	104.38	104.06	0.32
206	10:07:19 PM	104.13	104.03	0.1
207	10:07:35 PM	103.98	103.05	0.93
208	10:07:51 PM	103.91	103.96	-0.05
209	10:08:07 PM	103.84	103.01	0.83
210	10:08:23 PM	103.98	103.01	0.97
211	10:08:39 PM	103.76	103.02	0.74
212	10:08:55 PM	103.91	103.00	0.91
213	10:09:11 PM	103.76	103.12	0.64
214	10:09:27 PM	103.80	103.04	0.76
215	10:09:43 PM	103.94	103.05	0.89
216	10:09:59 PM	104.02	104.01	0.01
217	10:10:15 PM	104.16	104.15	0.01
218	10:10:31 PM	103.76	103.02	0.74
219	10:10:47 PM	103.91	103.00	0.91
220	10:11:03 PM	103.76	103.12	0.64
221	10:11:19 PM	103.80	103.04	0.76
222	10:11:35 PM	104.38	104.06	0.32

Tabel A.7. Data temperatur hari pertama (lanjutan)

223	10:11:51 PM	104.13	104.03	0.1
224	10:12:07 PM	103.94	103.05	0.89
225	10:12:23 PM	104.02	104.01	0.01
Rata-rata selisih data				0.41

Tabel B.1. Data temperatur hari kedua

No.	Hari-2 /25.08.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	8:00:00 PM	112.19	112.01	0.18
2	8:00:16 PM	112.19	112.01	0.18
3	8:00:32 PM	111.72	111.97	-0.25
4	8:00:48 PM	111.14	111.04	0.1
5	8:01:04 PM	110.96	110.98	-0.02
6	8:01:20 PM	110.79	110.95	-0.16
7	8:01:36 PM	110.39	110.32	0.07
8	8:01:52 PM	110.39	110.02	0.37
9	8:02:08 PM	109.99	109.10	0.89
10	8:02:24 PM	109.96	109.02	0.94
11	8:02:40 PM	109.60	109.08	0.52
12	8:02:56 PM	109.67	109.01	0.66
13	8:03:12 PM	109.49	109.96	-0.47
14	8:03:28 PM	109.49	109.02	0.47
15	8:03:44 PM	109.49	109.98	-0.49
16	8:04:00 PM	109.38	109.03	0.35
17	8:04:16 PM	109.31	109.00	0.31
18	8:04:32 PM	109.20	109.06	0.14
19	8:04:48 PM	108.99	108.97	0.02
20	8:05:04 PM	109.06	109.04	0.02
21	8:05:20 PM	108.88	108.03	0.85
22	8:05:36 PM	108.91	108.05	0.86
23	8:05:52 PM	108.99	108.98	0.01
24	8:06:08 PM	108.91	108.03	0.88
25	8:06:24 PM	108.88	108.08	0.8
26	8:06:40 PM	108.81	108.00	0.81
27	8:06:56 PM	108.84	108.99	-0.15
28	8:07:12 PM	108.91	108.01	0.9

Tabel B.2. Data temperatur hari kedua (lanjutan)

29	8:07:28 PM	108.65	108.94	-0.29
30	8:07:44 PM	108.55	108.95	-0.4
31	8:08:00 PM	108.66	108.00	0.66
32	8:08:16 PM	108.95	108.99	-0.04
33	8:08:32 PM	108.70	108.95	-0.25
34	8:08:48 PM	108.66	108.97	-0.31
35	8:09:04 PM	108.81	108.96	-0.15
36	8:09:20 PM	108.70	108.00	0.7
37	8:09:36 PM	108.63	108.00	0.63
38	8:09:52 PM	108.66	108.89	-0.23
39	8:10:08 PM	108.66	108.96	-0.3
40	8:10:24 PM	108.55	108.00	0.55
41	8:10:40 PM	108.70	108.96	-0.26
42	8:10:56 PM	108.48	108.92	-0.44
43	8:11:12 PM	108.48	108.92	-0.48
44	8:11:28 PM	108.37	108.84	-0.47
45	8:11:44 PM	108.59	108.88	-0.29
46	8:12:00 PM	108.44	108.87	-0.43
47	8:12:16 PM	108.55	108.85	-0.3
48	8:12:32 PM	108.63	108.92	-0.29
49	8:12:48 PM	108.44	108.97	-0.53
50	8:13:04 PM	108.59	108.99	-0.4
51	8:13:20 PM	108.44	108.98	-0.54
52	8:13:36 PM	108.55	108.93	-0.38
53	8:13:52 PM	108.63	108.94	-0.31
54	8:14:08 PM	108.63	108.91	-0.28
55	8:14:24 PM	108.44	108.93	-0.49
56	8:14:40 PM	108.59	108.88	-0.29
57	8:14:56 PM	108.66	108.91	-0.25
58	8:15:12 PM	108.55	108.97	-0.42
59	8:15:28 PM	108.59	108.93	-0.34
60	8:15:44 PM	108.55	108.93	-0.38
61	8:16:00 PM	109.99	109.10	0.89
62	8:16:16 PM	109.96	109.02	0.94
63	8:16:32 PM	109.60	109.08	0.52
64	8:16:48 PM	109.67	109.01	0.66
65	8:17:04 PM	109.49	109.96	-0.47
66	8:17:20 PM	109.49	109.02	0.47

Tabel B.3. Data temperatur hari kedua (lanjutan)

67	8:17:36 PM	109.49	109.98	-0.49
68	8:17:52 PM	109.38	109.03	0.35
69	8:18:08 PM	109.31	109.00	0.31
70	8:18:24 PM	109.20	109.06	0.14
71	8:18:40 PM	108.99	108.97	0.02
72	8:18:56 PM	109.06	109.04	0.02
73	8:19:12 PM	108.88	108.03	0.85
74	8:19:28 PM	108.91	108.05	0.86
75	8:19:44 PM	108.99	108.98	0.01
76	8:20:00 PM	108.91	108.03	0.88
77	8:20:16 PM	108.88	108.08	0.8
78	8:20:32 PM	108.81	108.00	0.81
79	8:20:48 PM	108.84	108.99	-0.15
80	8:21:04 PM	108.91	108.01	0.9
81	8:21:20 PM	108.65	108.94	-0.29
82	8:21:36 PM	108.55	108.95	-0.4
83	8:21:52 PM	108.66	108.00	0.66
84	8:22:08 PM	108.95	108.99	-0.04
85	8:22:24 PM	108.70	108.95	-0.25
86	8:22:40 PM	108.66	108.97	-0.31
87	8:22:56 PM	108.81	108.96	-0.15
88	8:23:12 PM	108.70	108.00	0.7
89	8:23:28 PM	108.63	108.00	0.63
90	8:23:44 PM	108.66	108.89	-0.23
91	8:24:00 PM	108.66	108.96	-0.3
92	8:24:16 PM	108.55	108.00	0.55
93	8:24:32 PM	108.70	108.96	-0.26
94	8:24:48 PM	108.48	108.92	-0.44
95	8:25:04 PM	108.44	108.92	-0.48
96	8:25:20 PM	108.37	108.84	-0.47
97	8:25:36 PM	108.59	108.88	-0.29
98	8:25:52 PM	108.44	108.87	-0.43
99	8:26:08 PM	108.55	108.85	-0.3
100	8:26:24 PM	108.63	108.92	-0.29
101	8:26:40 PM	108.44	108.97	-0.53
102	8:26:56 PM	108.59	108.99	-0.4
103	8:27:12 PM	108.44	108.98	-0.54
104	8:27:28 PM	108.55	108.93	-0.38

Tabel B.4. Data temperatur hari kedua (lanjutan)

105	8:27:44 PM	108.63	108.94	-0.31
106	8:28:00 PM	108.63	108.91	-0.28
107	8:28:16 PM	108.44	108.93	-0.49
108	8:28:32 PM	108.59	108.88	-0.29
109	8:28:48 PM	108.66	108.91	-0.25
110	8:29:04 PM	108.55	108.97	-0.42
111	8:29:20 PM	108.59	108.93	-0.34
112	8:29:36 PM	108.55	108.93	-0.38
113	8:29:52 PM	109.99	109.10	0.89
114	8:30:08 PM	109.96	109.02	0.94
115	8:30:24 PM	109.60	109.08	0.52
116	8:30:40 PM	109.67	109.01	0.66
117	8:30:56 PM	109.49	109.96	-0.47
118	8:31:12 PM	109.49	109.02	0.47
119	8:31:28 PM	109.49	109.98	-0.49
120	8:31:44 PM	109.38	109.03	0.35
121	8:32:00 PM	109.31	109.00	0.31
122	8:32:16 PM	109.20	109.06	0.14
123	8:32:32 PM	108.99	108.97	0.02
124	8:32:48 PM	109.06	109.04	0.02
125	8:33:04 PM	108.88	108.03	0.85
126	8:33:20 PM	108.91	108.05	0.86
127	8:33:36 PM	108.99	108.98	0.01
128	8:33:52 PM	108.91	108.03	0.88
129	8:34:08 PM	108.88	108.08	0.8
130	8:34:24 PM	108.81	108.00	0.81
131	8:34:40 PM	108.84	108.99	-0.15
132	8:34:56 PM	108.91	108.01	0.9
133	8:35:12 PM	108.65	108.94	-0.29
134	8:35:28 PM	108.55	108.95	-0.4
135	8:35:44 PM	108.66	108.00	0.66
136	8:36:00 PM	108.95	108.99	-0.04
137	8:36:16 PM	108.70	108.95	-0.25
138	8:36:32 PM	108.66	108.97	-0.31
139	8:36:48 PM	108.81	108.96	-0.15
140	8:37:04 PM	108.70	108.00	0.7
141	8:37:20 PM	108.63	108.00	0.63
142	8:37:36 PM	108.66	108.89	-0.23

Tabel B.5. Data temperatur hari kedua (lanjutan)

143	8:37:52 PM	108.66	108.96	-0.3
144	8:38:08 PM	108.55	108.00	0.55
145	8:38:24 PM	108.70	108.96	-0.26
146	8:38:40 PM	108.48	108.92	-0.44
147	8:38:56 PM	108.44	108.92	-0.48
148	8:39:12 PM	108.37	108.84	-0.47
149	8:39:28 PM	108.59	108.88	-0.29
150	8:39:44 PM	108.44	108.87	-0.43
151	8:40:00 PM	108.55	108.85	-0.3
152	8:40:16 PM	108.63	108.92	-0.29
153	8:40:32 PM	108.44	108.97	-0.53
154	8:40:48 PM	108.59	108.99	-0.4
155	8:41:04 PM	108.44	108.98	-0.54
156	8:41:20 PM	108.55	108.93	-0.38
157	8:41:36 PM	108.63	108.94	-0.31
158	8:41:52 PM	108.63	108.91	-0.28
159	8:42:08 PM	108.44	108.93	-0.49
160	8:42:24 PM	108.59	108.88	-0.29
161	8:42:40 PM	108.66	108.91	-0.25
162	8:42:56 PM	108.55	108.97	-0.42
163	8:43:12 PM	108.59	108.93	-0.34
164	8:43:28 PM	108.55	108.93	-0.38
165	8:43:44 PM	109.99	109.10	0.89
166	8:44:00 PM	109.96	109.02	0.94
167	8:44:16 PM	109.60	109.08	0.52
168	8:44:32 PM	109.67	109.01	0.66
169	8:44:48 PM	109.49	109.96	-0.47
170	8:45:04 PM	109.49	109.02	0.47
171	8:45:20 PM	109.49	109.98	-0.49
172	8:45:36 PM	109.38	109.03	0.35
173	8:45:52 PM	109.31	109.00	0.31
174	8:46:08 PM	109.20	109.06	0.14
175	8:46:24 PM	108.99	108.97	0.02
176	8:46:40 PM	109.06	109.04	0.02
177	8:46:56 PM	108.88	108.03	0.85
178	8:47:12 PM	108.91	108.05	0.86
179	8:47:28 PM	108.99	108.98	0.01
180	8:47:44 PM	108.91	108.03	0.88

Tabel B.6. Data temperatur hari kedua (lanjutan)

181	8:48:00 PM	108.88	108.08	0.8
182	8:48:16 PM	108.81	108.00	0.81
183	8:48:32 PM	108.84	108.99	-0.15
184	8:48:48 PM	108.91	108.01	0.9
185	8:49:04 PM	108.65	108.94	-0.29
186	8:49:20 PM	108.55	108.95	-0.4
187	8:49:36 PM	108.66	108.00	0.66
188	8:49:52 PM	108.95	108.99	-0.04
189	8:50:08 PM	108.70	108.95	-0.25
190	8:50:24 PM	108.66	108.97	-0.31
191	8:50:40 PM	108.81	108.96	-0.15
192	8:50:56 PM	108.70	108.00	0.7
193	8:51:12 PM	108.63	108.00	0.63
194	8:51:28 PM	108.66	108.89	-0.23
195	8:51:44 PM	108.66	108.96	-0.3
196	8:52:00 PM	108.55	108.00	0.55
197	8:52:16 PM	108.70	108.96	-0.26
198	8:52:32 PM	108.48	108.92	-0.44
199	8:52:48 PM	108.44	108.92	-0.48
200	8:53:04 PM	108.37	108.84	-0.47
201	8:53:20 PM	108.59	108.88	-0.29
202	8:53:36 PM	108.44	108.87	-0.43
203	8:53:52 PM	108.55	108.85	-0.3
204	8:54:08 PM	108.63	108.92	-0.29
205	8:54:24 PM	108.44	108.97	-0.53
206	8:54:40 PM	108.59	108.99	-0.4
207	8:54:56 PM	108.44	108.98	-0.54
208	8:55:12 PM	108.55	108.93	-0.38
209	8:55:28 PM	108.63	108.94	-0.31
210	8:55:44 PM	108.63	108.91	-0.28
211	8:56:00 PM	108.44	108.93	-0.49
212	8:56:16 PM	108.59	108.88	-0.29
213	8:56:32 PM	108.66	108.91	-0.25
214	8:56:48 PM	108.55	108.97	-0.42
215	8:57:04 PM	108.59	108.93	-0.34
216	8:57:20 PM	108.55	108.93	-0.38
217	8:57:36 PM	109.99	109.10	0.89
218	8:57:52 PM	109.96	109.02	0.94

Tabel B.7. Data temperatur hari kedua (lanjutan)

219	8:58:08 PM	109.60	109.08	0.52
220	8:58:24 PM	109.67	109.01	0.66
221	8:58:40 PM	109.49	109.96	-0.47
222	8:58:56 PM	109.49	109.02	0.47
223	8:59:12 PM	109.49	109.98	-0.49
224	8:59:28 PM	109.50	109.08	0.35
225	8:59:44 PM	109.38	109.03	0.31
Rata-rata selisih data				0.03

Tabel C.1. Data temperatur hari ketiga

No.	Hari-3 / 26.08.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	4:12:00 AM	108.88	108.66	0.22
2	4:12:16 AM	111.54	111.64	-0.1
3	4:12:32 AM	111.29	111.71	-0.42
4	4:12:48 AM	110.71	110.76	-0.05
5	4:13:04 AM	110.21	110.76	-0.55
6	4:13:20 AM	109.67	109.67	0
7	4:13:36 AM	109.34	109.76	-0.42
8	4:13:52 AM	109.16	109.81	-0.65
9	4:14:08 AM	108.48	108.77	-0.29
10	4:14:24 AM	108.09	108.73	-0.64
11	4:14:40 AM	107.62	107.72	-0.1
12	4:14:56 AM	107.51	107.75	-0.24
13	4:15:12 AM	107.15	107.74	-0.59
14	4:15:28 AM	106.79	106.69	0.1
15	4:15:44 AM	106.86	106.72	0.14
16	4:16:00 AM	106.50	106.67	-0.17
17	4:16:16 AM	106.29	106.67	-0.38
18	4:16:32 AM	106.00	106.69	-0.69
19	4:16:48 AM	105.85	105.73	0.12
20	4:17:04 AM	105.71	105.71	0
21	4:17:20 AM	105.53	105.69	-0.16
22	4:17:36 AM	105.46	105.65	-0.19
23	4:17:52 AM	105.13	105.66	-0.53
24	4:18:08 AM	105.24	105.64	-0.4
25	4:18:24 AM	105.06	105.71	-0.65
26	4:18:40 AM	104.95	104.72	0.23

Tabel C.2. Data temperatur hari ketiga (lanjutan)

27	4:18:56 AM	104.88	104.71	0.17
28	4:19:12 AM	104.74	104.69	0.05
29	4:19:28 AM	104.70	104.72	-0.02
30	4:19:44 AM	104.63	104.73	-0.1
31	4:20:00 AM	104.49	104.72	-0.23
32	4:20:16 AM	104.34	104.72	-0.38
33	4:20:32 AM	104.16	104.71	-0.55
34	4:20:48 AM	104.20	104.68	-0.48
35	4:21:04 AM	104.20	104.65	-0.45
36	4:21:20 AM	104.13	110.72	-6.59
37	4:21:36 AM	103.91	103.65	0.26
38	4:21:52 AM	103.80	103.67	0.13
39	4:22:08 AM	104.05	104.69	-0.64
40	4:22:24 AM	104.05	104.67	-0.62
41	4:22:40 AM	103.94	103.71	0.23
42	4:22:56 AM	103.76	103.65	0.11
43	4:23:12 AM	103.98	103.67	0.31
44	4:23:28 AM	103.44	103.62	-0.18
45	4:23:44 AM	103.55	103.67	-0.12
46	4:24:00 AM	103.69	103.63	0.06
47	4:24:16 AM	103.59	103.64	-0.05
48	4:24:32 AM	103.55	103.69	-0.14
49	4:24:48 AM	103.55	103.68	-0.13
50	4:25:04 AM	103.44	103.71	-0.27
51	4:25:20 AM	103.51	103.69	-0.18
52	4:25:36 AM	103.62	103.67	-0.05
53	4:25:52 AM	103.33	103.76	-0.43
54	4:26:08 AM	103.59	103.75	-0.16
55	4:26:24 AM	103.44	103.82	-0.38
56	4:26:40 AM	103.59	103.77	-0.18
57	4:26:56 AM	103.44	103.73	-0.29
58	4:27:12 AM	103.41	103.67	-0.26
59	4:27:28 AM	103.51	103.66	-0.15
60	4:27:44 AM	103.55	103.69	-0.14
61	4:28:00 AM	105.71	105.71	0
62	4:28:16 AM	105.53	105.69	-0.16
63	4:28:32 AM	105.46	105.65	-0.19
64	4:28:48 AM	105.13	105.66	-0.53
65	4:29:04 AM	105.24	105.64	-0.4

Tabel C.3. Data temperatur hari ketiga (lanjutan)

66	4:29:20 AM	105.06	105.71	-0.65
67	4:29:36 AM	104.95	104.72	0.23
68	4:29:52 AM	104.88	104.71	0.17
69	4:30:08 AM	104.74	104.69	0.05
70	4:30:24 AM	104.70	104.72	-0.02
71	4:30:40 AM	104.63	104.73	-0.1
72	4:30:56 AM	104.49	104.72	-0.23
73	4:31:12 AM	104.34	104.72	-0.38
74	4:31:28 AM	104.16	104.71	-0.55
75	4:31:44 AM	104.20	104.68	-0.48
76	4:32:00 AM	104.20	104.65	-0.45
77	4:32:16 AM	104.13	110.72	-6.59
78	4:32:32 AM	103.91	103.65	0.26
79	4:32:48 AM	103.80	103.67	0.13
80	4:33:04 AM	104.05	104.69	-0.64
81	4:33:20 AM	104.05	104.67	-0.62
82	4:33:36 AM	103.94	103.71	0.23
83	4:33:52 AM	103.76	103.65	0.11
84	4:34:08 AM	103.98	103.67	0.31
85	4:34:24 AM	103.44	103.62	-0.18
86	4:34:40 AM	103.55	103.67	-0.12
87	4:34:56 AM	103.69	103.63	0.06
88	4:35:12 AM	103.59	103.64	-0.05
89	4:35:28 AM	103.55	103.69	-0.14
90	4:35:44 AM	103.55	103.68	-0.13
91	4:36:00 AM	103.44	103.71	-0.27
92	4:36:16 AM	103.51	103.69	-0.18
93	4:36:32 AM	103.62	103.67	-0.05
94	4:36:48 AM	103.33	103.76	-0.43
95	4:37:04 AM	103.59	103.75	-0.16
96	4:37:20 AM	103.44	103.82	-0.38
97	4:37:36 AM	103.59	103.77	-0.18
98	4:37:52 AM	103.44	103.73	-0.29
99	4:38:08 AM	103.41	103.67	-0.26
100	4:38:24 AM	103.51	103.66	-0.15
101	4:38:40 AM	103.55	103.69	-0.14
102	4:38:56 AM	105.71	105.71	0
103	4:39:12 AM	105.53	105.69	-0.16
104	4:39:28 AM	105.46	105.65	-0.19

Tabel C.4. Data temperatur hari ketiga (lanjutan)

105	4:39:44 AM	105.13	105.66	-0.53
106	4:40:00 AM	105.24	105.64	-0.4
107	4:40:16 AM	105.06	105.71	-0.65
108	4:40:32 AM	104.95	104.72	0.23
109	4:40:48 AM	104.88	104.71	0.17
110	4:41:04 AM	104.74	104.69	0.05
111	4:41:20 AM	104.70	104.72	-0.02
112	4:41:36 AM	104.63	104.73	-0.1
113	4:41:52 AM	104.49	104.72	-0.23
114	4:42:08 AM	104.34	104.72	-0.38
115	4:42:24 AM	104.16	104.71	-0.55
116	4:42:40 AM	104.20	104.68	-0.48
117	4:42:56 AM	104.20	104.65	-0.45
118	4:43:12 AM	104.13	110.72	-6.59
119	4:43:28 AM	103.91	103.65	0.26
120	4:43:44 AM	103.80	103.67	0.13
121	4:44:00 AM	104.05	104.69	-0.64
122	4:44:16 AM	104.05	104.67	-0.62
123	4:44:32 AM	103.94	103.71	0.23
124	4:44:48 AM	103.76	103.65	0.11
125	4:45:04 AM	103.98	103.67	0.31
126	4:45:20 AM	103.44	103.62	-0.18
127	4:45:36 AM	103.55	103.67	-0.12
128	4:45:52 AM	103.69	103.63	0.06
129	4:46:08 AM	103.59	103.64	-0.05
130	4:46:24 AM	103.55	103.69	-0.14
131	4:46:40 AM	103.55	103.68	-0.13
132	4:46:56 AM	103.44	103.71	-0.27
133	4:47:12 AM	103.51	103.69	-0.18
134	4:47:28 AM	103.62	103.67	-0.05
135	4:47:44 AM	103.33	103.76	-0.43
136	4:48:00 AM	103.59	103.75	-0.16
137	4:48:16 AM	103.44	103.82	-0.38
138	4:48:32 AM	103.59	103.77	-0.18
139	4:48:48 AM	103.44	103.73	-0.29
140	4:49:04 AM	103.41	103.67	-0.26
141	4:49:20 AM	103.51	103.66	-0.15
142	4:49:36 AM	103.55	103.69	-0.14
143	4:49:52 AM	105.71	105.71	0

Tabel C.5. Data temperatur hari ketiga (lanjutan)

144	4:50:08 AM	105.53	105.69	-0.16
145	4:50:24 AM	105.46	105.65	-0.19
146	4:50:40 AM	105.13	105.66	-0.53
147	4:50:56 AM	105.24	105.64	-0.4
148	4:51:12 AM	105.06	105.71	-0.65
149	4:51:28 AM	104.95	104.72	0.23
150	4:51:44 AM	104.88	104.71	0.17
151	4:52:00 AM	104.74	104.69	0.05
152	4:52:16 AM	104.70	104.72	-0.02
153	4:52:32 AM	104.63	104.73	-0.1
154	4:52:48 AM	104.49	104.72	-0.23
155	4:53:04 AM	104.34	104.72	-0.38
156	4:53:20 AM	104.16	104.71	-0.55
157	4:53:36 AM	104.20	104.68	-0.48
158	4:53:52 AM	104.20	104.65	-0.45
159	4:54:08 AM	104.13	110.72	-6.59
160	4:54:24 AM	103.91	103.65	0.26
161	4:54:40 AM	103.80	103.67	0.13
162	4:54:56 AM	104.05	104.69	-0.64
163	4:55:12 AM	104.05	104.67	-0.62
164	4:55:28 AM	103.94	103.71	0.23
165	4:55:44 AM	103.76	103.65	0.11
166	4:56:00 AM	103.98	103.67	0.31
167	4:56:16 AM	103.44	103.62	-0.18
168	4:56:32 AM	103.55	103.67	-0.12
169	4:56:48 AM	103.69	103.63	0.06
170	4:57:04 AM	103.59	103.64	-0.05
171	4:57:20 AM	103.55	103.69	-0.14
172	4:57:36 AM	103.55	103.68	-0.13
173	4:57:52 AM	103.44	103.71	-0.27
174	4:58:08 AM	103.51	103.69	-0.18
175	4:58:24 AM	103.62	103.67	-0.05
176	4:58:40 AM	103.33	103.76	-0.43
177	4:58:56 AM	103.59	103.75	-0.16
178	4:59:12 AM	103.44	103.82	-0.38
179	4:59:28 AM	103.59	103.77	-0.18
180	4:59:44 AM	103.44	103.73	-0.29
181	5:00:00 AM	103.41	103.67	-0.26
182	5:00:16 AM	103.51	103.66	-0.15

Tabel C.6. Data temperatur hari ketiga (lanjutan)

183	5:00:32 AM	103.55	103.69	-0.14
184	5:00:48 AM	104.05	104.69	-0.64
185	5:01:04 AM	104.05	104.67	-0.62
186	5:01:20 AM	103.94	103.71	0.23
187	5:01:36 AM	103.76	103.65	0.11
188	5:01:52 AM	103.98	103.67	0.31
189	5:02:08 AM	103.44	103.62	-0.18
190	5:02:24 AM	103.55	103.67	-0.12
191	5:02:40 AM	103.69	103.63	0.06
192	5:02:56 AM	103.59	103.64	-0.05
193	5:03:12 AM	103.55	103.69	-0.14
194	5:03:28 AM	103.55	103.68	-0.13
195	5:03:44 AM	103.44	103.71	-0.27
196	5:04:00 AM	103.51	103.69	-0.18
197	5:04:16 AM	103.62	103.67	-0.05
198	5:04:32 AM	103.33	103.76	-0.43
199	5:04:48 AM	103.59	103.75	-0.16
200	5:05:04 AM	103.44	103.82	-0.38
201	5:05:20 AM	103.59	103.77	-0.18
202	5:05:36 AM	103.44	103.73	-0.29
203	5:05:52 AM	103.41	103.67	-0.26
204	5:06:08 AM	103.51	103.66	-0.15
205	5:06:24 AM	103.55	103.69	-0.14
206	5:06:40 AM	104.49	104.72	-0.23
207	5:06:56 AM	104.34	104.72	-0.38
208	5:07:12 AM	104.16	104.71	-0.55
209	5:07:28 AM	104.20	104.68	-0.48
210	5:07:44 AM	104.20	104.65	-0.45
211	5:08:00 AM	104.13	110.72	-6.59
212	5:08:16 AM	103.91	103.65	0.26
213	5:08:32 AM	105.53	105.69	-0.16
214	5:08:48 AM	105.46	105.65	-0.19
215	5:09:04 AM	105.13	105.66	-0.53
216	5:09:20 AM	105.24	105.64	-0.4
217	5:09:36 AM	105.06	105.71	-0.65
218	5:09:52 AM	104.95	104.72	0.23
219	5:10:08 AM	104.88	104.71	0.17
220	5:10:24 AM	104.74	104.69	0.05
221	5:10:40 AM	104.70	104.72	-0.02

Tabel C.7. Data temperatur hari ketiga (lanjutan)

222	5:10:56 AM	104.63	104.73	-0.1
223	5:11:12 AM	104.49	104.72	-0.23
224	5:11:28 AM	104.34	104.72	-0.38
225	5:11:44 AM	104.70	104.72	-0.02
Rata-rata selisih data				-0.32

Tabel D.1. Data temperatur hari keempat

No.	Hari-4/ 29.08.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	9:00:00 AM	129.54	129.00	0.54
2	9:00:16 AM	129.54	129.05	0.49
3	9:00:32 AM	127.09	127.10	-0.01
4	9:00:48 AM	125.51	125.16	0.35
5	9:01:04 AM	123.64	123.13	0.51
6	9:01:20 AM	123.35	123.16	0.19
7	9:01:36 AM	122.35	122.19	0.16
8	9:01:52 AM	121.59	121.18	0.41
9	9:02:08 AM	120.76	120.24	0.52
10	9:02:24 AM	119.89	119.23	0.66
11	9:02:40 AM	119.68	119.33	0.35
12	9:02:56 AM	118.85	118.51	0.34
13	9:03:12 AM	117.95	117.51	0.44
14	9:03:28 AM	117.84	117.47	0.37
15	9:03:44 AM	117.59	117.47	0.12
16	9:04:00 AM	117.19	117.53	-0.34
17	9:04:16 AM	117.05	117.49	-0.44
18	9:04:32 AM	116.73	116.53	0.2
19	9:04:48 AM	116.58	116.64	-0.06
20	9:05:04 AM	116.65	116.62	0.03
21	9:05:20 AM	116.01	116.62	-0.61
22	9:05:36 AM	115.90	115.60	0.3
23	9:05:52 AM	116.08	116.73	-0.65
24	9:06:08 AM	115.90	115.75	0.15
25	9:06:24 AM	115.79	115.77	0.02
26	9:06:40 AM	115.54	115.72	-0.18
27	9:06:56 AM	115.79	115.64	0.15

Tabel D.2. Data temperatur hari keempat (lanjutan)

28	9:07:12 AM	115.50	115.71	-0.21
29	9:07:28 AM	114.96	114.74	0.22
30	9:07:44 AM	116.76	116.77	-0.01
31	9:08:00 AM	117.09	117.66	-0.57
32	9:08:16 AM	116.11	116.78	-0.67
33	9:08:32 AM	116.22	116.77	-0.55
34	9:08:48 AM	116.26	116.68	-0.42
35	9:09:04 AM	116.19	116.70	-0.51
36	9:09:20 AM	116.01	116.66	-0.65
37	9:09:36 AM	115.54	115.62	-0.08
38	9:09:52 AM	115.75	115.67	0.08
39	9:10:08 AM	115.79	115.66	0.13
40	9:10:24 AM	115.57	115.65	-0.08
41	9:10:40 AM	116.73	116.65	0.08
42	9:10:56 AM	115.57	115.75	-0.18
43	9:11:12 AM	115.54	115.69	-0.15
44	9:11:28 AM	115.68	115.70	-0.02
45	9:11:44 AM	115.79	115.73	0.06
46	9:12:00 AM	115.90	115.82	0.08
47	9:12:16 AM	116.01	116.82	-0.81
48	9:12:32 AM	115.21	115.82	-0.61
49	9:12:48 AM	115.79	115.87	-0.08
50	9:13:04 AM	116.01	116.76	-0.75
51	9:13:20 AM	115.75	115.75	0
52	9:13:36 AM	115.79	115.84	-0.05
53	9:13:52 AM	115.86	115.75	0.11
54	9:14:08 AM	116.15	116.73	-0.58
55	9:14:24 AM	115.57	115.77	-0.2
56	9:14:40 AM	115.46	115.73	-0.27
57	9:14:56 AM	115.43	115.76	-0.33
58	9:15:12 AM	115.54	115.77	-0.23
59	9:15:28 AM	115.03	115.71	-0.68
60	9:15:44 AM	115.25	115.71	-0.46
61	9:16:00 AM	119.89	119.23	0.66
62	9:16:16 AM	119.68	119.33	0.35
63	9:16:32 AM	118.85	118.51	0.34
64	9:16:48 AM	117.95	117.51	0.44
65	9:17:04 AM	117.84	117.47	0.37

Tabel D.3. Data temperatur hari keempat (lanjutan)

66	9:17:20 AM	117.59	117.47	0.12
67	9:17:36 AM	117.19	117.53	-0.34
68	9:17:52 AM	117.05	117.49	-0.44
69	9:18:08 AM	116.73	116.53	0.2
70	9:18:24 AM	116.58	116.64	-0.06
71	9:18:40 AM	116.65	116.62	0.03
72	9:18:56 AM	116.01	116.62	-0.61
73	9:19:12 AM	115.90	115.60	0.3
74	9:19:28 AM	116.08	116.73	-0.65
75	9:19:44 AM	115.90	115.75	0.15
76	9:20:00 AM	115.79	115.77	0.02
77	9:20:16 AM	115.54	115.72	-0.18
78	9:20:32 AM	115.79	115.64	0.15
79	9:20:48 AM	115.50	115.71	-0.21
80	9:21:04 AM	114.96	114.74	0.22
81	9:21:20 AM	116.76	116.77	-0.01
82	9:21:36 AM	117.09	117.66	-0.57
83	9:21:52 AM	116.11	116.78	-0.67
84	9:22:08 AM	116.22	116.77	-0.55
85	9:22:24 AM	116.26	116.68	-0.42
86	9:22:40 AM	116.19	116.70	-0.51
87	9:22:56 AM	116.01	116.66	-0.65
88	9:23:12 AM	115.54	115.62	-0.08
89	9:23:28 AM	115.75	115.67	0.08
90	9:23:44 AM	115.79	115.66	0.13
91	9:24:00 AM	115.57	115.65	-0.08
92	9:24:16 AM	116.73	116.65	0.08
93	9:24:32 AM	115.57	115.75	-0.18
94	9:24:48 AM	115.54	115.69	-0.15
95	9:25:04 AM	115.68	115.70	-0.02
96	9:25:20 AM	115.79	115.73	0.06
97	9:25:36 AM	115.90	115.82	0.08
98	9:25:52 AM	116.01	116.82	-0.81
99	9:26:08 AM	115.21	115.82	-0.61
100	9:26:24 AM	115.79	115.87	-0.08
101	9:26:40 AM	116.01	116.76	-0.75
102	9:26:56 AM	115.75	115.75	0
103	9:27:12 AM	115.79	115.84	-0.05

Tabel D.4. Data temperatur hari keempat (lanjutan)

104	9:27:28 AM	115.86	115.75	0.11
105	9:27:44 AM	116.15	116.73	-0.58
106	9:28:00 AM	115.57	115.77	-0.2
107	9:28:16 AM	115.46	115.73	-0.27
108	9:28:32 AM	115.43	115.76	-0.33
109	9:28:48 AM	115.54	115.77	-0.23
110	9:29:04 AM	115.03	115.71	-0.68
111	9:29:20 AM	115.25	115.71	-0.46
112	9:29:36 AM	119.89	119.23	0.66
113	9:29:52 AM	119.68	119.33	0.35
114	9:30:08 AM	118.85	118.51	0.34
115	9:30:24 AM	117.95	117.51	0.44
116	9:30:40 AM	117.84	117.47	0.37
117	9:30:56 AM	117.59	117.47	0.12
118	9:31:12 AM	117.19	117.53	-0.34
119	9:31:28 AM	117.05	117.49	-0.44
120	9:31:44 AM	116.73	116.53	0.2
121	9:32:00 AM	116.58	116.64	-0.06
122	9:32:16 AM	116.65	116.62	0.03
123	9:32:32 AM	116.01	116.62	-0.61
124	9:32:48 AM	115.90	115.60	0.3
125	9:33:04 AM	116.08	116.73	-0.65
126	9:33:20 AM	115.90	115.75	0.15
127	9:33:36 AM	115.79	115.77	0.02
128	9:33:52 AM	115.54	115.72	-0.18
129	9:34:08 AM	115.79	115.64	0.15
130	9:34:24 AM	115.50	115.71	-0.21
131	9:34:40 AM	114.96	114.74	0.22
132	9:34:56 AM	116.76	116.77	-0.01
133	9:35:12 AM	117.09	117.66	-0.57
134	9:35:28 AM	116.11	116.78	-0.67
135	9:35:44 AM	116.22	116.77	-0.55
136	9:36:00 AM	116.26	116.68	-0.42
137	9:36:16 AM	116.19	116.70	-0.51
138	9:36:32 AM	116.01	116.66	-0.65
139	9:36:48 AM	115.54	115.62	-0.08
140	9:37:04 AM	115.75	115.67	0.08
141	9:37:20 AM	115.79	115.66	0.13

Tabel D.5. Data temperatur hari keempat (lanjutan)

142	9:37:36 AM	115.57	115.65	-0.08
143	9:37:52 AM	116.73	116.65	0.08
144	9:38:08 AM	115.57	115.75	-0.18
145	9:38:24 AM	115.54	115.69	-0.15
146	9:38:40 AM	115.68	115.70	-0.02
147	9:38:56 AM	115.79	115.73	0.06
148	9:39:12 AM	115.90	115.82	0.08
149	9:39:28 AM	116.01	116.82	-0.81
150	9:39:44 AM	115.21	115.82	-0.61
151	9:40:00 AM	115.79	115.87	-0.08
152	9:40:16 AM	116.01	116.76	-0.75
153	9:40:32 AM	115.75	115.75	0
154	9:40:48 AM	115.79	115.84	-0.05
155	9:41:04 AM	115.86	115.75	0.11
156	9:41:20 AM	116.15	116.73	-0.58
157	9:41:36 AM	115.57	115.77	-0.2
158	9:41:52 AM	115.46	115.73	-0.27
159	9:42:08 AM	115.43	115.76	-0.33
160	9:42:24 AM	115.54	115.77	-0.23
161	9:42:40 AM	115.03	115.71	-0.68
162	9:42:56 AM	115.25	115.71	-0.46
163	9:43:12 AM	119.89	119.23	0.66
164	9:43:28 AM	119.68	119.33	0.35
165	9:43:44 AM	118.85	118.51	0.34
166	9:44:00 AM	117.95	117.51	0.44
167	9:44:16 AM	117.84	117.47	0.37
168	9:44:32 AM	117.59	117.47	0.12
169	9:44:48 AM	117.19	117.53	-0.34
170	9:45:04 AM	117.05	117.49	-0.44
171	9:45:20 AM	116.73	116.53	0.2
172	9:45:36 AM	116.58	116.64	-0.06
173	9:45:52 AM	116.65	116.62	0.03
174	9:46:08 AM	116.01	116.62	-0.61
175	9:46:24 AM	115.90	115.60	0.3
176	9:46:40 AM	116.08	116.73	-0.65
177	9:46:56 AM	115.90	115.75	0.15
178	9:47:12 AM	115.79	115.77	0.02
179	9:47:28 AM	115.54	115.72	-0.18

Tabel D.6. Data temperatur hari keempat (lanjutan)

180	9:47:44 AM	115.79	115.64	0.15
181	9:48:00 AM	115.50	115.71	-0.21
182	9:48:16 AM	114.96	114.74	0.22
183	9:48:32 AM	116.76	116.77	-0.01
184	9:48:48 AM	117.09	117.66	-0.57
185	9:49:04 AM	116.11	116.78	-0.67
186	9:49:20 AM	116.22	116.77	-0.55
187	9:49:36 AM	116.26	116.68	-0.42
188	9:49:52 AM	116.19	116.70	-0.51
189	9:50:08 AM	116.01	116.66	-0.65
190	9:50:24 AM	115.54	115.62	-0.08
191	9:50:40 AM	115.75	115.67	0.08
192	9:50:56 AM	115.79	115.66	0.13
193	9:51:12 AM	115.57	115.65	-0.08
194	9:51:28 AM	116.73	116.65	0.08
195	9:51:44 AM	115.57	115.75	-0.18
196	9:52:00 AM	115.54	115.69	-0.15
197	9:52:16 AM	115.68	115.70	-0.02
198	9:52:32 AM	115.79	115.73	0.06
199	9:52:48 AM	115.90	115.82	0.08
200	9:53:04 AM	116.01	116.82	-0.81
201	9:53:20 AM	115.21	115.82	-0.61
202	9:53:36 AM	115.79	115.87	-0.08
203	9:53:52 AM	116.01	116.76	-0.75
204	9:54:08 AM	115.75	115.75	0
205	9:54:24 AM	115.79	115.84	-0.05
206	9:54:40 AM	115.86	115.75	0.11
207	9:54:56 AM	116.15	116.73	-0.58
208	9:55:12 AM	115.57	115.77	-0.2
209	9:55:28 AM	115.46	115.73	-0.27
210	9:55:44 AM	115.43	115.76	-0.33
211	9:56:00 AM	115.54	115.77	-0.23
212	9:56:16 AM	115.03	115.71	-0.68
213	9:56:32 AM	115.25	115.71	-0.46
214	9:56:48 AM	119.89	119.23	0.66
215	9:57:04 AM	119.68	119.33	0.35
216	9:57:20 AM	118.85	118.51	0.34
217	9:57:36 AM	117.95	117.51	0.44

Tabel D.7. Data temperatur hari keempat (lanjutan)

218	9:57:52 AM	117.84	117.47	0.37
219	9:58:08 AM	117.59	117.47	0.12
220	9:58:24 AM	117.19	117.53	-0.34
221	9:58:40 AM	117.05	117.49	-0.44
222	9:58:56 AM	116.73	116.53	0.2
223	9:59:12 AM	116.58	116.64	-0.06
224	9:59:28 AM	117.80	117.45	0.03
225	9:59:44 AM	116.65	116.62	-0.61
Rata-rata selisih data				-0.11

Tabel E.1. Data temperatur hari kelima

No.	Hari-5/ 30.08.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	2:00:00 PM	123.78	123.86	-0.08
2	2:00:16 PM	127.78	127.87	-0.09
3	2:00:32 PM	126.91	126.8	0.11
4	2:00:48 PM	125.22	125.82	-0.6
5	2:01:04 PM	124.29	124.89	-0.6
6	2:01:20 PM	123.39	123.94	-0.55
7	2:01:36 PM	121.73	121.91	-0.18
8	2:01:52 PM	122.59	122.97	-0.38
9	2:02:08 PM	122.74	122.94	-0.2
10	2:02:24 PM	122.59	122.9	-0.31
11	2:02:40 PM	122.38	122.91	-0.53
12	2:02:56 PM	120.76	120.01	0.75
13	2:03:12 PM	120.97	120.99	-0.02
14	2:03:28 PM	120.83	120.94	-0.11
15	2:03:44 PM	120.76	120.95	-0.19
16	2:04:00 PM	120.18	120.97	-0.79
17	2:04:16 PM	119.93	119.93	0
18	2:04:32 PM	119.79	119.02	0.77
19	2:04:48 PM	119.64	119.06	0.58
20	2:05:04 PM	119.71	119.08	0.63
21	2:05:20 PM	119.61	119.15	0.46
22	2:05:36 PM	119.21	119.09	0.12
23	2:05:52 PM	118.92	118.13	0.79
24	2:06:08 PM	118.99	118.09	0.9

Tabel E.2. Data temperatur hari kelima (lanjutan)

25	2:06:24 PM	118.92	118.13	0.79
26	2:06:40 PM	119.17	119.2	-0.03
27	2:06:56 PM	118.99	118.14	0.85
28	2:07:12 PM	118.89	118.11	0.78
29	2:07:28 PM	119.32	119.07	0.25
30	2:07:44 PM	119.17	119.16	0.01
31	2:08:00 PM	118.74	118.19	0.55
32	2:08:16 PM	118.60	118.2	0.4
33	2:08:32 PM	118.53	118.19	0.34
34	2:08:48 PM	118.49	118.14	0.35
35	2:09:04 PM	118.71	118.17	0.54
36	2:09:20 PM	118.27	118.25	0.02
37	2:09:36 PM	118.45	118.2	0.25
38	2:09:52 PM	118.56	118.23	0.33
39	2:10:08 PM	118.49	118.21	0.28
40	2:10:24 PM	118.60	118.29	0.31
41	2:10:40 PM	118.49	118.24	0.25
42	2:10:56 PM	118.45	118.2	0.25
43	2:11:12 PM	118.71	118.29	0.42
44	2:11:28 PM	118.45	118.37	0.08
45	2:11:44 PM	118.56	118.34	0.22
46	2:12:00 PM	118.53	118.33	0.2
47	2:12:16 PM	118.53	118.35	0.18
48	2:12:32 PM	118.71	118.39	0.32
49	2:12:48 PM	118.34	118.34	0
50	2:13:04 PM	118.53	118.39	0.14
51	2:13:20 PM	118.56	118.42	0.14
52	2:13:36 PM	118.53	118.41	0.12
53	2:13:52 PM	118.42	118.43	-0.01
54	2:14:08 PM	118.20	118.32	-0.12
55	2:14:24 PM	118.45	118.42	0.03
56	2:14:40 PM	118.53	118.4	0.13
57	2:14:56 PM	118.45	118.42	0.03
58	2:15:12 PM	118.60	118.47	0.13
59	2:15:28 PM	118.49	118.44	0.05
60	2:15:44 PM	119.03	119.45	-0.42
61	2:16:00 PM	119.93	119.93	0

Tabel E.3. Data temperatur hari kelima (lanjutan)

62	2:16:16 PM	119.79	119.02	0.77
63	2:16:32 PM	119.64	119.06	0.58
64	2:16:48 PM	119.71	119.08	0.63
65	2:17:04 PM	119.61	119.15	0.46
66	2:17:20 PM	119.21	119.09	0.12
67	2:17:36 PM	118.92	118.13	0.79
68	2:17:52 PM	118.99	118.09	0.9
69	2:18:08 PM	118.92	118.13	0.79
70	2:18:24 PM	119.17	119.2	-0.03
71	2:18:40 PM	118.99	118.14	0.85
72	2:18:56 PM	118.89	118.11	0.78
73	2:19:12 PM	119.32	119.07	0.25
74	2:19:28 PM	119.17	119.16	0.01
75	2:19:44 PM	118.74	118.19	0.55
76	2:20:00 PM	118.60	118.2	0.4
77	2:20:16 PM	118.53	118.19	0.34
78	2:20:32 PM	118.49	118.14	0.35
79	2:20:48 PM	118.71	118.17	0.54
80	2:21:04 PM	118.27	118.25	0.02
81	2:21:20 PM	118.45	118.2	0.25
82	2:21:36 PM	118.56	118.23	0.33
83	2:21:52 PM	118.49	118.21	0.28
84	2:22:08 PM	118.60	118.29	0.31
85	2:22:24 PM	118.49	118.24	0.25
86	2:22:40 PM	118.45	118.2	0.25
87	2:22:56 PM	118.71	118.29	0.42
88	2:23:12 PM	118.45	118.37	0.08
89	2:23:28 PM	118.56	118.34	0.22
90	2:23:44 PM	118.53	118.33	0.2
91	2:24:00 PM	118.53	118.35	0.18
92	2:24:16 PM	118.71	118.39	0.32
93	2:24:32 PM	118.34	118.34	0
94	2:24:48 PM	118.53	118.39	0.14
95	2:25:04 PM	118.56	118.42	0.14
96	2:25:20 PM	118.53	118.41	0.12
97	2:25:36 PM	118.42	118.43	-0.01
98	2:25:52 PM	118.20	118.32	-0.12
99	2:26:08 PM	118.45	118.42	0.03

Tabel E.4. Data temperatur hari kelima (lanjutan)

100	2:26:24 PM	118.53	118.4	0.13
101	2:26:40 PM	118.45	118.42	0.03
102	2:26:56 PM	118.60	118.47	0.13
103	2:27:12 PM	118.49	118.44	0.05
104	2:27:28 PM	119.03	119.45	-0.42
105	2:27:44 PM	119.93	119.93	0
106	2:28:00 PM	119.79	119.02	0.77
107	2:28:16 PM	119.64	119.06	0.58
108	2:28:32 PM	119.71	119.08	0.63
109	2:28:48 PM	119.61	119.15	0.46
110	2:29:04 PM	119.21	119.09	0.12
111	2:29:20 PM	118.92	118.13	0.79
112	2:29:36 PM	118.99	118.09	0.9
113	2:29:52 PM	118.92	118.13	0.79
114	2:30:08 PM	119.17	119.2	-0.03
115	2:30:24 PM	118.99	118.14	0.85
116	2:30:40 PM	118.89	118.11	0.78
117	2:30:56 PM	119.32	119.07	0.25
118	2:31:12 PM	119.17	119.16	0.01
119	2:31:28 PM	118.74	118.19	0.55
120	2:31:44 PM	118.60	118.2	0.4
121	2:32:00 PM	118.53	118.19	0.34
122	2:32:16 PM	118.49	118.14	0.35
123	2:32:32 PM	118.71	118.17	0.54
124	2:32:48 PM	118.27	118.25	0.02
125	2:33:04 PM	118.45	118.2	0.25
126	2:33:20 PM	118.56	118.23	0.33
127	2:33:36 PM	118.49	118.21	0.28
128	2:33:52 PM	118.60	118.29	0.31
129	2:34:08 PM	118.49	118.24	0.25
130	2:34:24 PM	118.45	118.2	0.25
131	2:34:40 PM	118.71	118.29	0.42
132	2:34:56 PM	118.45	118.37	0.08
133	2:35:12 PM	118.56	118.34	0.22
134	2:35:28 PM	118.53	118.33	0.2
135	2:35:44 PM	118.53	118.35	0.18
136	2:36:00 PM	118.71	118.39	0.32
137	2:36:16 PM	118.34	118.34	0

Tabel E.5. Data temperatur hari kelima (lanjutan)

138	2:36:32 PM	118.53	118.39	0.14
139	2:36:48 PM	118.56	118.42	0.14
140	2:37:04 PM	118.53	118.41	0.12
141	2:37:20 PM	118.42	118.43	-0.01
142	2:37:36 PM	118.20	118.32	-0.12
143	2:37:52 PM	118.45	118.42	0.03
144	2:38:08 PM	118.53	118.4	0.13
145	2:38:24 PM	118.45	118.42	0.03
146	2:38:40 PM	118.60	118.47	0.13
147	2:38:56 PM	118.49	118.44	0.05
148	2:39:12 PM	119.03	119.45	-0.42
149	2:39:28 PM	119.93	119.93	0
150	2:39:44 PM	119.79	119.02	0.77
151	2:40:00 PM	119.64	119.06	0.58
152	2:40:16 PM	119.71	119.08	0.63
153	2:40:32 PM	119.61	119.15	0.46
154	2:40:48 PM	119.21	119.09	0.12
155	2:41:04 PM	118.92	118.13	0.79
156	2:41:20 PM	118.99	118.09	0.9
157	2:41:36 PM	118.92	118.13	0.79
158	2:41:52 PM	119.17	119.2	-0.03
159	2:42:08 PM	118.99	118.14	0.85
160	2:42:24 PM	118.89	118.11	0.78
161	2:42:40 PM	119.32	119.07	0.25
162	2:42:56 PM	119.17	119.16	0.01
163	2:43:12 PM	118.74	118.19	0.55
164	2:43:28 PM	118.60	118.2	0.4
165	2:43:44 PM	118.53	118.19	0.34
166	2:44:00 PM	118.49	118.14	0.35
167	2:44:16 PM	118.71	118.17	0.54
168	2:44:32 PM	118.27	118.25	0.02
169	2:44:48 PM	118.45	118.2	0.25
170	2:45:04 PM	118.56	118.23	0.33
171	2:45:20 PM	118.49	118.21	0.28
172	2:45:36 PM	118.60	118.29	0.31
173	2:45:52 PM	118.49	118.24	0.25
174	2:46:08 PM	118.45	118.2	0.25
175	2:46:24 PM	118.71	118.29	0.42

Tabel E.6. Data temperatur hari kelima (lanjutan)

176	2:46:40 PM	118.45	118.37	0.08
177	2:46:56 PM	118.56	118.34	0.22
178	2:47:12 PM	118.53	118.33	0.2
179	2:47:28 PM	118.53	118.35	0.18
180	2:47:44 PM	118.71	118.39	0.32
181	2:48:00 PM	118.34	118.34	0
182	2:48:16 PM	118.53	118.39	0.14
183	2:48:32 PM	118.56	118.42	0.14
184	2:48:48 PM	118.53	118.41	0.12
185	2:49:04 PM	118.42	118.43	-0.01
186	2:49:20 PM	118.20	118.32	-0.12
187	2:49:36 PM	118.45	118.42	0.03
188	2:49:52 PM	118.53	118.4	0.13
189	2:50:08 PM	118.45	118.42	0.03
190	2:50:24 PM	118.60	118.47	0.13
191	2:50:40 PM	118.49	118.44	0.05
192	2:50:56 PM	119.03	119.45	-0.42
193	2:51:12 PM	119.93	119.93	0
194	2:51:28 PM	119.79	119.02	0.77
195	2:51:44 PM	119.64	119.06	0.58
196	2:52:00 PM	119.71	119.08	0.63
197	2:52:16 PM	119.61	119.15	0.46
198	2:52:32 PM	119.21	119.09	0.12
199	2:52:48 PM	118.92	118.13	0.79
200	2:53:04 PM	118.99	118.09	0.9
201	2:53:20 PM	118.92	118.13	0.79
202	2:53:36 PM	119.17	119.2	-0.03
203	2:53:52 PM	118.99	118.14	0.85
204	2:54:08 PM	118.89	118.11	0.78
205	2:54:24 PM	119.32	119.07	0.25
206	2:54:40 PM	119.17	119.16	0.01
207	2:54:56 PM	118.74	118.19	0.55
208	2:55:12 PM	118.60	118.2	0.4
209	2:55:28 PM	118.53	118.19	0.34
210	2:55:44 PM	118.49	118.14	0.35
211	2:56:00 PM	118.71	118.17	0.54
212	2:56:16 PM	118.27	118.25	0.02
213	2:56:32 PM	118.45	118.2	0.25

Tabel E.7. Data temperatur hari kelima (lanjutan)

214	2:56:48 PM	118.56	118.23	0.33
215	2:57:04 PM	118.49	118.21	0.28
216	2:57:20 PM	118.60	118.29	0.31
217	2:57:36 PM	118.49	118.24	0.25
218	2:57:52 PM	118.45	118.2	0.25
219	2:58:08 PM	118.71	118.29	0.42
220	2:58:24 PM	118.45	118.37	0.08
221	2:58:40 PM	118.56	118.34	0.22
222	2:58:56 PM	118.53	118.33	0.2
223	2:59:12 PM	118.53	118.35	0.18
224	2:59:28 PM	118.71	118.39	0.32
225	2:59:46 PM	118.34	118.34	0
Rata-rata selisih data				0.25

Tabel F.1. Data temperatur hari keenam

No.	Hari-6/ 31.08.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	12:10:00 PM	119.96	119	0.96
2	12:10:16 PM	119.68	119.05	0.63
3	12:10:32 PM	118.85	118	0.85
4	12:10:48 PM	117.91	117.06	0.85
5	12:11:04 PM	116.98	116.09	0.89
6	12:11:20 PM	116.19	116.05	0.14
7	12:11:36 PM	115.68	115.12	0.56
8	12:11:52 PM	114.71	114.19	0.52
9	12:12:08 PM	114.46	114.18	0.28
10	12:12:24 PM	113.84	113.16	0.68
11	12:12:40 PM	113.74	113.2	0.54
12	12:12:56 PM	113.45	113.26	0.19
13	12:13:12 PM	113.05	113.16	-0.11
14	12:13:28 PM	112.69	112.23	0.46
15	12:13:44 PM	112.37	112.19	0.18
16	12:14:00 PM	112.23	112.27	-0.04
17	12:14:16 PM	112.01	112.2	-0.19
18	12:14:32 PM	112.23	112.22	0.01
19	12:14:48 PM	111.4	111.25	0.15
20	12:15:04 PM	111.18	111.25	-0.07

Tabel F.2. Data temperatur hari keenam (lanjutan)

21	12:15:20 PM	111.25	111.23	0.02
22	12:15:36 PM	111.32	111.29	0.03
23	12:15:52 PM	111.51	111.28	0.23
24	12:16:08 PM	111.18	111.28	-0.1
25	12:16:24 PM	111.32	111.3	0.02
26	12:16:40 PM	111	111.3	-0.3
27	12:16:56 PM	110.96	110.29	0.67
28	12:17:12 PM	111.18	111.28	-0.1
29	12:17:28 PM	111.04	111.41	-0.37
30	12:17:44 PM	110.93	110.3	0.63
31	12:18:00 PM	111.04	111.4	-0.36
32	12:18:16 PM	110.89	110.35	0.54
33	12:18:32 PM	110.96	110.32	0.64
34	12:18:48 PM	110.86	110.33	0.53
35	12:19:04 PM	111	111.44	-0.44
36	12:19:20 PM	110.96	110.39	0.57
37	12:19:36 PM	111.11	111.45	-0.34
38	12:19:52 PM	111.11	111.41	-0.3
39	12:20:08 PM	110.61	110.46	0.15
40	12:20:24 PM	111	111.48	-0.48
41	12:20:40 PM	110.57	110.49	0.08
42	12:20:56 PM	110.79	110.42	0.37
43	12:21:12 PM	110.71	110.49	0.22
44	12:21:28 PM	110.86	110.52	0.34
45	12:21:44 PM	110.73	110.51	0.22
46	12:22:00 PM	110.43	110.56	-0.13
47	12:22:16 PM	110.75	110.53	0.22
48	12:22:32 PM	111	111.43	-0.43
49	12:22:48 PM	110.64	110.53	0.11
50	12:23:04 PM	110.64	110.55	0.09
51	12:23:20 PM	110.89	110.56	0.33
52	12:23:36 PM	110.57	110.53	0.04
53	12:23:52 PM	111.14	111.54	-0.4
54	12:24:08 PM	110.71	110.56	0.15
55	12:24:24 PM	110.86	110.52	0.34
56	12:24:40 PM	111.04	111.51	-0.47
57	12:24:56 PM	110.75	110.47	0.28
58	12:25:12 PM	111.11	111.47	-0.36

Tabel F.3. Data temperatur hari keenam (lanjutan)

59	12:25:28 PM	110.75	110.51	0.24
60	12:25:44 PM	111	111.43	-0.43
61	12:26:00 PM	113.84	113.16	0.68
62	12:26:16 PM	113.74	113.2	0.54
63	12:26:32 PM	113.45	113.26	0.19
64	12:26:48 PM	113.05	113.16	-0.11
65	12:27:04 PM	112.69	112.23	0.46
66	12:27:20 PM	112.37	112.19	0.18
67	12:27:36 PM	112.23	112.27	-0.04
68	12:27:52 PM	112.01	112.2	-0.19
69	12:28:08 PM	112.23	112.22	0.01
70	12:28:24 PM	111.4	111.25	0.15
71	12:28:40 PM	111.18	111.25	-0.07
72	12:28:56 PM	111.25	111.23	0.02
73	12:29:12 PM	111.32	111.29	0.03
74	12:29:28 PM	111.51	111.28	0.23
75	12:29:44 PM	111.18	111.28	-0.1
76	12:30:00 PM	111.32	111.3	0.02
77	12:30:16 PM	111	111.3	-0.3
78	12:30:32 PM	110.96	110.29	0.67
79	12:30:48 PM	111.18	111.28	-0.1
80	12:31:04 PM	111.04	111.41	-0.37
81	12:31:20 PM	110.93	110.3	0.63
82	12:31:36 PM	111.04	111.4	-0.36
83	12:31:52 PM	110.89	110.35	0.54
84	12:32:08 PM	110.96	110.32	0.64
85	12:32:24 PM	110.86	110.33	0.53
86	12:32:40 PM	111	111.44	-0.44
87	12:32:56 PM	110.96	110.39	0.57
88	12:33:12 PM	111.11	111.45	-0.34
89	12:33:28 PM	111.11	111.41	-0.3
90	12:33:44 PM	110.61	110.46	0.15
91	12:34:00 PM	111	111.48	-0.48
92	12:34:16 PM	110.57	110.49	0.08
93	12:34:32 PM	110.79	110.42	0.37
94	12:34:48 PM	110.71	110.49	0.22
95	12:35:04 PM	110.86	110.52	0.34
96	12:35:20 PM	110.73	110.51	0.22

Tabel F.4. Data temperatur hari keenam (lanjutan)

97	12:35:36 PM	110.43	110.56	-0.13
98	12:35:52 PM	110.75	110.53	0.22
99	12:36:08 PM	111	111.43	-0.43
100	12:36:24 PM	110.64	110.53	0.11
101	12:36:40 PM	110.64	110.55	0.09
102	12:36:56 PM	110.89	110.56	0.33
103	12:37:12 PM	110.57	110.53	0.04
104	12:37:28 PM	111.14	111.54	-0.4
105	12:37:44 PM	110.71	110.56	0.15
106	12:38:00 PM	110.86	110.52	0.34
107	12:38:16 PM	111.04	111.51	-0.47
108	12:38:32 PM	110.75	110.47	0.28
109	12:38:48 PM	111.11	111.47	-0.36
110	12:39:04 PM	110.75	110.51	0.24
111	12:39:20 PM	111	111.43	-0.43
112	12:39:36 PM	113.84	113.16	0.68
113	12:39:52 PM	113.74	113.2	0.54
114	12:40:08 PM	113.45	113.26	0.19
115	12:40:24 PM	113.05	113.16	-0.11
116	12:40:40 PM	112.69	112.23	0.46
117	12:40:56 PM	112.37	112.19	0.18
118	12:41:12 PM	112.23	112.27	-0.04
119	12:41:28 PM	112.01	112.2	-0.19
120	12:41:44 PM	112.23	112.22	0.01
121	12:42:00 PM	111.4	111.25	0.15
122	12:42:16 PM	111.18	111.25	-0.07
123	12:42:32 PM	111.25	111.23	0.02
124	12:42:48 PM	111.32	111.29	0.03
125	12:43:04 PM	111.51	111.28	0.23
126	12:43:20 PM	111.18	111.28	-0.1
127	12:43:36 PM	111.32	111.3	0.02
128	12:43:52 PM	111	111.3	-0.3
129	12:44:08 PM	110.96	110.29	0.67
130	12:44:24 PM	111.18	111.28	-0.1
131	12:44:40 PM	111.04	111.41	-0.37
132	12:44:56 PM	110.93	110.3	0.63
133	12:45:12 PM	111.04	111.4	-0.36
134	12:45:28 PM	110.89	110.35	0.54

Tabel F.5. Data temperatur hari keenam (lanjutan)

135	12:45:44 PM	110.96	110.32	0.64
136	12:46:00 PM	110.86	110.33	0.53
137	12:46:16 PM	111	111.44	-0.44
138	12:46:32 PM	110.96	110.39	0.57
139	12:46:48 PM	111.11	111.45	-0.34
140	12:47:04 PM	111.11	111.41	-0.3
141	12:47:20 PM	110.61	110.46	0.15
142	12:47:36 PM	111	111.48	-0.48
143	12:47:52 PM	113.84	113.16	0.68
144	12:48:08 PM	113.74	113.2	0.54
145	12:48:24 PM	113.45	113.26	0.19
146	12:48:40 PM	113.05	113.16	-0.11
147	12:48:56 PM	112.69	112.23	0.46
148	12:49:12 PM	112.37	112.19	0.18
149	12:49:28 PM	112.23	112.27	-0.04
150	12:49:44 PM	112.01	112.2	-0.19
151	12:50:00 PM	112.23	112.22	0.01
152	12:50:16 PM	111.4	111.25	0.15
153	12:50:32 PM	111.18	111.25	-0.07
154	12:50:48 PM	111.25	111.23	0.02
155	12:51:04 PM	111.32	111.29	0.03
156	12:51:20 PM	111.51	111.28	0.23
157	12:51:36 PM	111.18	111.28	-0.1
158	12:51:52 PM	111.32	111.3	0.02
159	12:52:08 PM	111	111.3	-0.3
160	12:52:24 PM	110.96	110.29	0.67
161	12:52:40 PM	111.18	111.28	-0.1
162	12:52:56 PM	111.04	111.41	-0.37
163	12:53:12 PM	110.93	110.3	0.63
164	12:53:28 PM	111.04	111.4	-0.36
165	12:53:44 PM	110.89	110.35	0.54
166	12:54:00 PM	110.96	110.32	0.64
167	12:54:16 PM	110.86	110.33	0.53
168	12:54:32 PM	111	111.44	-0.44
169	12:54:48 PM	110.96	110.39	0.57
170	12:55:04 PM	111.11	111.45	-0.34
171	12:55:20 PM	111.11	111.41	-0.3
172	12:55:36 PM	110.61	110.46	0.15

Tabel F.6. Data temperatur hari keenam (lanjutan)

173	12:55:52 PM	111	111.48	-0.48
174	12:56:08 PM	111.4	111.25	0.15
175	12:56:24 PM	111.18	111.25	-0.07
176	12:56:40 PM	111.25	111.23	0.02
177	12:56:56 PM	111.32	111.29	0.03
178	12:57:12 PM	111.51	111.28	0.23
179	12:57:28 PM	111.18	111.28	-0.1
180	12:57:44 PM	111.32	111.3	0.02
181	12:58:00 PM	111	111.3	-0.3
182	12:58:16 PM	110.96	110.29	0.67
183	12:58:32 PM	111.18	111.28	-0.1
184	12:58:48 PM	111.04	111.41	-0.37
185	12:59:04 PM	110.93	110.3	0.63
186	12:59:20 PM	111.4	111.25	0.15
187	12:59:36 PM	111.18	111.25	-0.07
188	12:59:52 PM	111.25	111.23	0.02
189	13:00:08 PM	111.32	111.29	0.03
190	13:00:24 PM	111.51	111.28	0.23
191	13:00:40 PM	111.18	111.28	-0.1
192	13:00:56 PM	111.32	111.3	0.02
193	13:01:12 PM	111	111.3	-0.3
194	13:01:28 PM	110.96	110.29	0.67
195	13:01:44 PM	111.18	111.28	-0.1
196	13:02:00 PM	111.04	111.41	-0.37
197	13:02:16 PM	110.93	110.3	0.63
198	13:02:32 PM	111.18	111.25	-0.07
199	13:02:48 PM	111.25	111.23	0.02
200	13:03:04 PM	111.32	111.29	0.03
201	13:03:20 PM	111.51	111.28	0.23
202	13:03:36 PM	111.18	111.28	-0.1
203	13:03:52 PM	111.32	111.3	0.02
204	13:04:08 PM	111.18	111.25	-0.07
205	13:04:24 PM	111.25	111.23	0.02
206	13:04:40 PM	111.32	111.29	0.03
207	13:04:56 PM	111.51	111.28	0.23
208	13:05:12 PM	111.18	111.28	-0.1
209	13:05:28 PM	111.32	111.3	0.02
210	13:05:44 PM	110.96	110.29	0.67

Tabel F.7. Data temperatur hari keenam (lanjutan)

211	13:06:00 PM	111.18	111.28	-0.1
212	13:06:16 PM	111.04	111.41	-0.37
213	13:06:32 PM	110.93	110.3	0.63
214	13:06:48 PM	111.18	111.25	-0.07
215	13:07:04 PM	111.25	111.23	0.02
216	13:07:20 PM	110.96	110.29	0.67
217	13:07:36 PM	111.18	111.28	-0.1
218	13:07:52 PM	111.04	111.41	-0.37
219	13:08:08 PM	110.93	110.3	0.63
220	13:08:24 PM	111.18	111.25	-0.07
221	13:08:40 PM	111.25	111.23	0.02
222	13:08:56 PM	110.96	110.29	0.67
223	13:09:12 PM	111.18	111.28	-0.1
224	13:09:28 PM	111.04	111.41	-0.37
225	13:09:44 PM	110.93	110.3	0.63
Rata-rata selisih data				0.10

Tabel G.1. Data Temperatur Hari Ketujuh

No.	Hari-7/ 01.09.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	11:41:59 AM	115.79	115.77	0.17
2	11:42:15 AM	115.25	115.83	0.74
3	11:42:31 AM	115.75	115.89	0.38
4	11:42:47 AM	115.32	115.81	-0.73
5	11:43:03 AM	115.64	115.93	0.75
6	11:43:19 AM	115.43	115.94	-0.01
7	11:43:35 AM	116.44	116.74	-0.75
8	11:43:51 AM	116.22	116.68	-0.31
9	11:44:07 AM	116.26	116.71	-0.75
10	11:44:23 AM	115.97	115.78	-0.48
11	11:44:39 AM	115.93	115.76	-0.15
12	11:44:55 AM	115.68	115.67	-0.45
13	11:45:11 AM	119.71	119.74	-0.03
14	11:45:27 AM	119.32	119.75	-0.43
15	11:45:43 AM	118.99	118.7	0.29
16	11:45:59 AM	118.71	118.69	0.02
17	11:46:15 AM	118.53	118.73	-0.2

Tabel G.2. Data temperatur hari ketujuh (lanjutan)

18	11:46:31 AM	117.99	117.74	0.25
19	11:46:47 AM	118.16	118.79	-0.63
20	11:47:03 AM	117.52	117.77	-0.25
21	11:47:19 AM	117.44	117.81	-0.37
22	11:47:35 AM	117.12	117.81	-0.69
23	11:47:51 AM	117.12	117.83	-0.71
24	11:48:07 AM	116.83	116.76	0.07
25	11:48:23 AM	116.98	116.77	0.21
26	11:48:39 AM	116.51	116.79	-0.28
27	11:48:55 AM	116.8	116.76	0.04
28	11:49:11 AM	116.83	116.72	0.11
29	11:49:27 AM	116.22	116.82	-0.6
30	11:49:43 AM	116.54	116.78	-0.24
31	11:49:59 AM	116.54	116.68	-0.14
32	11:50:15 AM	116.44	116.74	-0.3
33	11:50:31 AM	116.22	116.68	-0.46
34	11:50:47 AM	116.26	116.71	-0.45
35	11:51:03 AM	115.97	115.78	0.19
36	11:51:19 AM	115.93	115.76	0.17
37	11:51:35 AM	115.68	115.67	0.01
38	11:51:51 AM	115.9	115.76	0.14
39	11:52:07 AM	115.18	115.67	-0.49
40	11:52:23 AM	115.86	115.77	0.09
41	11:52:39 AM	115.75	115.7	0.05
42	11:52:55 AM	115.79	115.77	0.02
43	11:53:11 AM	115.9	115.79	0.11
44	11:53:27 AM	115.64	115.73	-0.09
45	11:53:43 AM	115.68	115.72	-0.04
46	11:53:59 AM	115.68	115.66	0.02
47	11:54:15 AM	115.14	115.76	-0.62
48	11:54:31 AM	115.54	115.76	-0.22
49	11:54:47 AM	115.03	115.73	-0.7
50	11:55:03 AM	115.21	115.79	-0.58
51	11:55:19 AM	115.61	115.77	-0.16
52	11:55:35 AM	115.25	115.83	-0.58
53	11:55:51 AM	115.75	115.89	-0.14
54	11:56:07 AM	115.32	115.81	-0.49
55	11:56:23 AM	115.64	115.93	-0.29

Tabel G.3. Data temperatur hari ketujuh (lanjutan)

56	11:56:39 AM	115.43	115.94	-0.51
57	11:56:55 AM	115.57	115.94	-0.37
58	11:57:11 AM	115.68	115.01	0.67
59	11:57:27 AM	115.57	115.05	0.52
60	11:57:43 AM	115.03	115.09	-0.06
61	11:57:59 AM	116.8	116.76	0.04
62	11:58:15 AM	116.83	116.72	0.11
63	11:58:31 AM	116.22	116.82	-0.6
64	11:58:47 AM	116.54	116.78	-0.24
65	11:59:03 AM	116.54	116.68	-0.14
66	11:59:19 AM	116.44	116.74	-0.3
67	11:59:35 AM	116.22	116.68	-0.46
68	11:59:51 AM	116.26	116.71	-0.45
69	12:00:07 PM	115.97	115.78	0.19
70	12:00:23 PM	115.93	115.76	0.17
71	12:00:39 PM	115.68	115.67	0.01
72	12:00:55 PM	115.9	115.76	0.14
73	12:01:11 PM	115.18	115.67	-0.49
74	12:01:27 PM	115.86	115.77	0.09
75	12:01:43 PM	115.61	115.77	-0.16
76	12:01:59 PM	115.25	115.83	-0.58
77	12:02:15 PM	115.75	115.89	-0.14
78	12:02:31 PM	115.32	115.81	-0.49
79	12:02:47 PM	115.64	115.93	-0.29
80	12:03:03 PM	115.43	115.94	-0.51
81	12:03:19 PM	115.57	115.94	-0.37
82	12:03:35 PM	115.68	115.01	0.67
83	12:03:51 PM	115.93	115.76	0.17
84	12:04:07 PM	115.68	115.67	0.01
85	12:04:23 PM	115.9	115.76	0.14
86	12:04:39 PM	115.18	115.67	-0.49
87	12:04:55 PM	115.86	115.77	0.09
88	12:05:11 PM	115.75	115.7	0.05
89	12:05:27 PM	115.79	115.77	0.02
90	12:05:43 PM	116.26	116.71	-0.45
91	12:05:59 PM	115.97	115.78	0.19
92	12:06:15 PM	115.93	115.76	0.17
93	12:06:31 PM	115.68	115.67	0.01

Tabel G.4. Data temperatur hari ketujuh (lanjutan)

94	12:06:47 PM	115.9	115.76	0.14
95	12:07:03 PM	115.18	115.67	-0.49
96	12:07:19 PM	115.25	115.83	-0.58
97	12:07:35 PM	115.75	115.89	-0.14
98	12:07:51 PM	115.32	115.81	-0.49
99	12:08:07 PM	115.64	115.93	-0.29
100	12:08:23 PM	115.43	115.94	-0.51
101	12:08:39 PM	115.57	115.94	-0.37
102	12:08:55 PM	115.68	115.01	0.67
103	12:09:11 PM	115.57	115.05	0.52
104	12:09:27 PM	115.03	115.09	-0.06
105	12:09:43 PM	116.8	116.76	0.04
106	12:09:59 PM	115.25	115.83	-0.58
107	12:10:15 PM	115.75	115.89	-0.14
108	12:10:31 PM	115.32	115.81	-0.49
109	12:10:47 PM	115.64	115.93	-0.29
110	12:11:03 PM	115.43	115.94	-0.51
111	12:11:19 PM	115.57	115.94	-0.37
112	12:11:35 PM	115.68	115.01	0.67
113	12:11:51 PM	115.57	115.05	0.52
114	12:12:07 PM	115.03	115.09	-0.06
115	12:12:23 PM	116.8	116.76	0.04
116	12:12:39 PM	115.32	115.81	-0.49
117	12:12:55 PM	115.64	115.93	-0.29
118	12:13:11 PM	115.43	115.94	-0.51
119	12:13:27 PM	115.57	115.94	-0.37
120	12:13:43 PM	115.68	115.01	0.67
121	12:13:59 PM	115.93	115.76	0.17
122	12:14:15 PM	115.68	115.67	0.01
123	12:14:31 PM	115.9	115.76	0.14
124	12:14:47 PM	115.18	115.67	-0.49
125	12:15:03 PM	115.86	115.77	0.09
126	12:15:19 PM	115.75	115.7	0.05
127	12:15:35 PM	115.79	115.77	0.02
128	12:15:51 PM	116.26	116.71	-0.45
129	12:16:07 PM	115.32	115.81	-0.49
130	12:16:23 PM	115.64	115.93	-0.29
131	12:16:39 PM	115.43	115.94	-0.51

Tabel G.5. Data temperatur hari ketujuh (lanjutan)

132	12:16:55 PM	115.57	115.94	-0.37
133	12:17:11 PM	115.68	115.01	0.67
134	12:17:27 PM	115.93	115.76	0.17
135	12:17:43 PM	115.68	115.67	0.01
136	12:17:59 PM	115.9	115.76	0.14
137	12:18:15 PM	115.18	115.67	-0.49
138	12:18:31 PM	115.86	115.77	0.09
139	12:18:47 PM	115.75	115.7	0.05
140	12:19:03 PM	115.79	115.77	0.02
141	12:19:19 PM	116.26	116.71	-0.45
142	12:19:35 PM	115.32	115.81	-0.49
143	12:19:51 PM	115.64	115.93	-0.29
144	12:20:07 PM	115.43	115.94	-0.51
145	12:20:23 PM	115.57	115.94	-0.37
146	12:20:39 PM	115.68	115.01	0.67
147	12:20:55 PM	115.93	115.76	0.17
148	12:21:11 PM	115.68	115.67	0.01
149	12:21:27 PM	115.9	115.76	0.14
150	12:21:43 PM	115.18	115.67	-0.49
151	12:21:59 PM	115.86	115.77	0.09
152	12:22:15 PM	115.75	115.7	0.05
153	12:22:31 PM	115.79	115.77	0.02
154	12:22:47 PM	116.26	116.71	-0.45
155	12:23:03 PM	115.79	115.77	0.02
156	12:23:19 PM	116.26	116.71	-0.45
157	12:23:35 PM	115.97	115.78	0.19
158	12:23:51 PM	115.93	115.76	0.17
159	12:24:07 PM	115.68	115.67	0.01
160	12:24:23 PM	115.9	115.76	0.14
161	12:24:39 PM	115.18	115.67	-0.49
162	12:24:55 PM	115.25	115.83	-0.58
163	12:25:11 PM	115.75	115.89	-0.14
164	12:25:27 PM	115.32	115.81	-0.49
165	12:25:43 PM	115.64	115.93	-0.29
166	12:25:59 PM	115.43	115.94	-0.51
167	12:26:15 PM	115.79	115.77	0.02
168	12:26:31 PM	116.26	116.71	-0.45
169	12:26:47 PM	115.97	115.78	0.19

Tabel G.6. Data temperatur hari ketujuh (lanjutan)

170	12:27:03 PM	115.93	115.76	0.17
171	12:27:19 PM	115.68	115.67	0.01
172	12:27:35 PM	115.9	115.76	0.14
173	12:27:51 PM	115.18	115.67	-0.49
174	12:28:07 PM	115.25	115.83	-0.58
175	12:28:23 PM	115.75	115.89	-0.14
176	12:28:39 PM	115.32	115.81	-0.49
177	12:28:55 PM	115.64	115.93	-0.29
178	12:29:11 PM	115.43	115.94	-0.51
179	12:29:27 PM	115.54	115.76	-0.22
180	12:29:43 PM	115.03	115.73	-0.7
181	12:29:59 PM	115.21	115.79	-0.58
182	12:30:15 PM	115.61	115.77	-0.16
183	12:30:31 PM	115.25	115.83	-0.58
184	12:30:47 PM	115.75	115.89	-0.14
185	12:31:03 PM	115.32	115.81	-0.49
186	12:31:19 PM	115.64	115.93	-0.29
187	12:31:35 PM	115.43	115.94	-0.51
188	12:31:51 PM	115.57	115.94	-0.37
189	12:32:07 PM	115.68	115.01	0.67
190	12:32:23 PM	115.57	115.05	0.52
191	12:32:39 PM	115.03	115.09	-0.06
192	12:32:55 PM	116.8	116.76	0.04
193	12:33:11 PM	116.83	116.72	0.11
194	12:33:27 PM	116.22	116.82	-0.6
195	12:33:43 PM	115.54	115.76	-0.22
196	12:33:59 PM	115.03	115.73	-0.7
197	12:34:15 PM	115.21	115.79	-0.58
198	12:34:31 PM	115.61	115.77	-0.16
199	12:34:47 PM	115.25	115.83	-0.58
200	12:35:03 PM	115.75	115.89	-0.14
201	12:35:19 PM	115.32	115.81	-0.49
202	12:35:35 PM	115.64	115.93	-0.29
203	12:35:51 PM	115.43	115.94	-0.51
204	12:36:07 PM	115.57	115.94	-0.37
205	12:36:23 PM	115.68	115.01	0.67
206	12:36:39 PM	115.57	115.05	0.52
207	12:36:55 PM	115.03	115.09	-0.06

Tabel G.7. Data temperatur hari ketujuh (lanjutan)

208	12:37:11 PM	116.8	116.76	0.04
209	12:37:27 PM	116.83	116.72	0.11
210	12:37:43 PM	116.22	116.82	-0.6
211	12:37:59 PM	115.97	115.78	0.19
212	12:38:15 PM	115.93	115.76	0.17
213	12:38:31 PM	115.68	115.67	0.01
214	12:38:47 PM	115.9	115.76	0.14
215	12:39:03 PM	115.18	115.67	-0.49
216	12:39:19 PM	115.25	115.83	-0.58
217	12:39:35 PM	115.75	115.89	-0.14
218	12:39:51 PM	115.32	115.81	-0.49
219	12:40:07 PM	115.64	115.93	-0.29
220	12:40:23 PM	115.32	115.81	-0.49
221	12:40:39 PM	115.64	115.93	-0.29
222	12:40:55 PM	115.43	115.94	-0.51
223	12:41:11 PM	115.57	115.94	-0.37
224	12:41:27 PM	115.68	115.01	0.67
225	12:41:43 PM	115.57	115.94	-0.37
Rata-rata selisih data				-0.15

Tabel H.1. Data temperatur hari kedelapan

No.	Hari-8/ 02.09.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	16:05:41 PM	114.35	114.04	0.31
2	16:05:57 PM	117.48	117.95	-0.47
3	16:06:13 PM	120.11	120.93	-0.82
4	16:06:29 PM	118.92	118.92	0
5	16:06:45 PM	118.53	118.95	-0.42
6	16:07:01 PM	117.99	117.98	0.01
7	16:07:17 PM	117.66	117.97	-0.31
8	16:07:33 PM	120.43	120.01	0.42
9	16:07:49 PM	118.34	118.04	0.3
10	16:08:05 PM	118.34	118.07	0.27
11	16:08:21 PM	117.77	117.07	0.7
12	16:08:37 PM	117.26	117.07	0.19
13	16:08:53 PM	116.62	116.01	0.61
14	16:09:09 PM	116.26	116.14	0.12
15	16:09:25 PM	116.08	116.12	-0.04
16	16:09:41 PM	115.82	115.1	0.72
17	16:09:57 PM	115.68	115.06	0.62
18	16:10:13 PM	115.32	115.1	0.22
19	16:10:29 PM	115.21	115.17	0.04
20	16:10:45 PM	115.03	115.14	-0.11
21	16:11:01 PM	114.85	114.18	0.67
22	16:11:17 PM	114.6	114.2	0.4
23	16:11:33 PM	114.53	114.18	0.35
24	16:11:49 PM	114.35	114.21	0.14
25	16:12:05 PM	114.24	114.27	-0.03
26	16:12:21 PM	114.13	114.33	-0.2
27	16:12:37 PM	113.77	113.36	0.41
28	16:12:53 PM	113.77	113.39	0.38
29	16:13:09 PM	113.52	113.35	0.17
30	16:13:25 PM	113.63	113.32	0.31
31	16:13:41 PM	113.41	113.32	0.09
32	16:13:57 PM	113.27	113.33	-0.06
33	16:14:13 PM	113.2	113.35	-0.15

Tabel H.2. Data temperatur hari kedelapan (lanjutan)

34	16:14:29 PM	113.09	113.38	-0.29
35	16:14:45 PM	113.05	113.37	-0.32
36	16:15:01 PM	113.13	113.37	-0.24
37	16:15:17 PM	112.84	112.32	0.52
38	16:15:33 PM	112.84	112.32	0.52
39	16:15:49 PM	112.84	112.3	0.54
40	16:16:05 PM	112.91	112.31	0.6
41	16:16:21 PM	112.69	112.27	0.42
42	16:16:37 PM	112.8	112.3	0.5
43	16:16:53 PM	112.59	112.29	0.3
44	16:17:09 PM	112.62	112.33	0.29
45	16:17:25 PM	112.55	112.25	0.3
46	16:17:41 PM	112.66	112.23	0.43
47	16:17:57 PM	112.69	112.22	0.47
48	16:18:13 PM	112.62	112.24	0.38
49	16:18:29 PM	112.59	112.3	0.29
50	16:18:45 PM	112.51	112.3	0.21
51	16:19:01 PM	112.48	112.4	0.08
52	16:19:17 PM	112.41	112.35	0.06
53	16:19:33 PM	112.51	112.3	0.21
54	16:19:49 PM	112.37	112.33	0.04
55	16:20:05 PM	112.41	112.34	0.07
56	16:20:21 PM	112.33	112.41	-0.08
57	16:20:37 PM	112.37	112.37	0
58	16:20:53 PM	112.48	112.4	0.08
59	16:21:09 PM	112.26	112.35	-0.09
60	16:21:25 PM	112.33	112.4	-0.07
61	16:21:41 PM	114.53	114.18	0.35
62	16:21:57 PM	114.35	114.21	0.14
63	16:22:13 PM	114.24	114.27	-0.03
64	16:22:29 PM	114.13	114.33	-0.2
65	16:22:45 PM	113.77	113.36	0.41
66	16:23:01 PM	113.77	113.39	0.38
67	16:23:17 PM	113.52	113.35	0.17
68	16:23:33 PM	113.63	113.32	0.31
69	16:23:49 PM	113.41	113.32	0.09
70	16:24:05 PM	113.27	113.33	-0.06
71	16:24:21 PM	113.2	113.35	-0.15

Tabel H.3. Data temperatur hari kedelapan (lanjutan)

72	16:24:37 PM	113.09	113.38	-0.29
73	16:24:53 PM	113.05	113.37	-0.32
74	16:25:09 PM	113.13	113.37	-0.24
75	16:25:25 PM	112.84	112.32	0.52
76	16:25:41 PM	112.69	112.22	0.47
77	16:25:57 PM	112.62	112.24	0.38
78	16:26:13 PM	112.59	112.3	0.29
79	16:26:29 PM	112.51	112.3	0.21
80	16:26:45 PM	112.48	112.4	0.08
81	16:27:01 PM	112.41	112.35	0.06
82	16:27:17 PM	112.51	112.3	0.21
83	16:27:33 PM	112.37	112.33	0.04
84	16:27:49 PM	112.41	112.34	0.07
85	16:28:05 PM	112.33	112.41	-0.08
86	16:28:21 PM	112.37	112.37	0
87	16:28:37 PM	112.48	112.4	0.08
88	16:28:53 PM	112.26	112.35	-0.09
89	16:29:09 PM	112.33	112.4	-0.07
90	16:29:25 PM	114.13	114.33	-0.2
91	16:29:41 PM	113.77	113.36	0.41
92	16:29:57 PM	113.77	113.39	0.38
93	16:30:13 PM	113.52	113.35	0.17
94	16:30:29 PM	113.63	113.32	0.31
95	16:30:45 PM	113.41	113.32	0.09
96	16:31:01 PM	113.27	113.33	-0.06
97	16:31:17 PM	113.2	113.35	-0.15
98	16:31:33 PM	113.09	113.38	-0.29
99	16:31:49 PM	113.05	113.37	-0.32
100	16:32:05 PM	113.13	113.37	-0.24
101	16:32:21 PM	112.84	112.32	0.52
102	16:32:37 PM	112.84	112.32	0.52
103	16:32:53 PM	112.84	112.3	0.54
104	16:33:09 PM	112.91	112.31	0.6
105	16:33:25 PM	113.27	113.33	-0.06
106	16:33:41 PM	113.2	113.35	-0.15
107	16:33:57 PM	113.09	113.38	-0.29
108	16:34:13 PM	113.05	113.37	-0.32
109	16:34:29 PM	113.13	113.37	-0.24

Tabel H.4. Data temperatur hari kedelapan (lanjutan)

110	16:34:45 PM	112.84	112.32	0.52
111	16:35:01 PM	112.69	112.22	0.47
112	16:35:17 PM	112.62	112.24	0.38
113	16:35:33 PM	112.59	112.3	0.29
114	16:35:49 PM	112.51	112.3	0.21
115	16:36:05 PM	112.48	112.4	0.08
116	16:36:21 PM	112.41	112.35	0.06
117	16:36:37 PM	112.51	112.3	0.21
118	16:36:53 PM	112.37	112.33	0.04
119	16:37:09 PM	112.41	112.34	0.07
120	16:37:25 PM	112.37	112.37	0
121	16:37:41 PM	112.48	112.4	0.08
122	16:37:57 PM	112.26	112.35	-0.09
123	16:38:13 PM	112.33	112.4	-0.07
124	16:38:29 PM	114.53	114.18	0.35
125	16:38:45 PM	114.35	114.21	0.14
126	16:39:01 PM	114.24	114.27	-0.03
128	16:39:33 PM	113.77	113.36	-0.2
129	16:39:49 PM	113.77	113.39	0.41
130	16:40:05 PM	113.52	113.35	0.38
131	16:40:21 PM	113.63	113.32	0.17
132	16:40:37 PM	113.41	113.32	0.31
133	16:40:53 PM	112.84	112.32	0.09
134	16:41:09 PM	112.84	112.32	0.52
135	16:41:25 PM	112.84	112.3	0.52
136	16:41:41 PM	112.91	112.31	0.54
137	16:41:57 PM	113.27	113.33	0.6
138	16:42:13 PM	113.2	113.35	-0.06
139	16:42:29 PM	113.09	113.38	-0.15
140	16:42:45 PM	113.05	113.37	-0.29
141	16:43:01 PM	113.13	113.37	-0.32
142	16:43:17 PM	112.84	112.32	-0.24
143	16:43:33 PM	112.69	112.22	0.52
144	16:43:49 PM	112.62	112.24	0.47
145	16:44:05 PM	112.59	112.3	0.38
146	16:44:21 PM	112.51	112.3	0.29
147	16:44:37 PM	112.48	112.4	0.21
148	16:44:53 PM	113.63	113.32	0.08

Tabel H.5. Data temperatur hari kedelapan (lanjutan)

149	16:45:09 PM	113.41	113.32	0.09
150	16:45:25 PM	113.27	113.33	-0.06
151	16:45:41 PM	113.2	113.35	-0.15
152	16:45:57 PM	113.09	113.38	-0.29
153	16:46:13 PM	113.05	113.37	-0.32
154	16:46:29 PM	113.13	113.37	-0.24
155	16:46:45 PM	112.84	112.32	0.52
156	16:47:01 PM	112.84	112.32	0.52
157	16:47:17 PM	112.84	112.3	0.54
158	16:47:33 PM	112.91	112.31	0.6
159	16:47:49 PM	113.27	113.33	-0.06
160	16:48:05 PM	113.2	113.35	-0.15
161	16:48:21 PM	113.09	113.38	-0.29
162	16:48:37 PM	113.05	113.37	-0.32
163	16:48:53 PM	113.13	113.37	-0.24
164	16:49:09 PM	112.84	112.32	0.52
165	16:49:25 PM	112.69	112.22	0.47
166	16:49:41 PM	112.62	112.24	0.38
167	16:49:57 PM	112.59	112.3	0.29
168	16:50:13 PM	112.51	112.3	0.21
169	16:50:29 PM	112.48	112.4	0.08
170	16:50:45 PM	112.41	112.35	0.06
171	16:51:01 PM	112.51	112.3	0.21
172	16:51:17 PM	112.37	112.33	0.04
173	16:51:33 PM	112.41	112.34	0.07
174	16:51:49 PM	112.33	112.41	-0.08
175	16:52:05 PM	112.37	112.37	0
176	16:52:21 PM	112.48	112.4	0.08
177	16:52:37 PM	112.26	112.35	-0.09
178	16:52:53 PM	112.33	112.4	-0.07
179	16:53:09 PM	113.27	113.33	-0.06
180	16:53:25 PM	113.2	113.35	-0.15
181	16:53:41 PM	113.09	113.38	-0.29
182	16:53:57 PM	113.05	113.37	-0.32
183	16:54:13 PM	113.13	113.37	-0.24
184	16:54:29 PM	112.84	112.32	0.52
185	16:54:45 PM	112.84	112.32	0.52
186	16:55:01 PM	112.84	112.3	0.54

Tabel H.6. Data temperatur hari kedelapan (lanjutan)

187	16:55:17 PM	112.91	112.31	0.6
188	16:55:33 PM	112.69	112.27	0.42
189	16:55:49 PM	112.8	112.3	0.5
190	16:56:05 PM	112.59	112.29	0.3
191	16:56:21 PM	112.62	112.33	0.29
192	16:56:37 PM	112.55	112.25	0.3
193	16:56:53 PM	112.66	112.23	0.43
194	16:57:09 PM	112.69	112.22	0.47
195	16:57:25 PM	112.62	112.24	0.38
196	16:57:41 PM	112.59	112.3	0.29
197	16:57:57 PM	112.51	112.3	0.21
198	16:58:13 PM	112.48	112.4	0.08
199	16:58:29 PM	112.41	112.35	0.06
200	16:58:45 PM	112.51	112.3	0.21
201	16:59:01 PM	112.37	112.33	0.04
202	16:59:17 PM	113.05	113.37	-0.32
203	16:59:33 PM	113.13	113.37	-0.24
204	16:59:49 PM	112.84	112.32	0.52
205	17:00:05 PM	112.69	112.22	0.47
206	17:00:21 PM	112.62	112.24	0.38
207	17:00:37 PM	112.59	112.3	0.29
208	17:00:53 PM	112.51	112.3	0.21
209	17:01:09 PM	112.48	112.4	0.08
210	17:01:25 PM	112.41	112.35	0.06
211	17:01:41 PM	112.51	112.3	0.21
212	17:01:57 PM	112.37	112.33	0.04
213	17:02:13 PM	112.41	112.34	0.07
214	17:02:29 PM	112.51	112.3	0.21
215	17:02:45 PM	112.48	112.4	0.08
216	17:03:01 PM	112.41	112.35	0.06
217	17:03:17 PM	112.51	112.3	0.21
218	17:03:33 PM	112.37	112.33	0.04
219	17:03:49 PM	112.41	112.34	0.07
220	17:04:05 PM	112.37	112.37	0
221	17:04:21 PM	112.48	112.4	0.08
222	17:04:37 PM	112.26	112.35	-0.09
223	17:04:53 PM	112.33	112.4	-0.07
224	17:05:09 PM	114.53	114.18	0.35

Tabel H.7. Data temperatur hari kedelapan (lanjutan)

225	17:05:25 PM	114.35	114.21	0.14
Rata-rata selisih data				0.14

Tabel I.1. Data temperatur hari kesembilan

No.	Hari-9/ 07.09.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	02:57:49 AM	112.26	112.11	0.15
2	02:58:05 AM	112.01	112.14	-0.13
3	02:58:21 AM	111.79	111.15	0.64
4	02:58:37 AM	111.47	111.1	0.37
5	02:58:53 AM	111.22	111.19	0.03
6	02:59:09 AM	110.75	110.1	0.65
7	02:59:25 AM	110.06	110.11	-0.05
8	02:59:41 AM	109.92	109.1	0.82
9	02:59:57 AM	109.85	109.07	0.78
10	03:00:13 AM	109.38	109.07	0.31
11	03:00:29 AM	108.88	108.09	0.79
12	03:00:45 AM	108.59	108.97	-0.38
13	03:01:01 AM	108.26	108	0.26
14	03:01:17 AM	108.01	108.97	-0.96
15	03:01:33 AM	107.83	107.02	0.81
16	03:01:49 AM	107.36	107.05	0.31
17	03:02:05 AM	107.58	107.03	0.55
18	03:02:21 AM	107.26	107.99	-0.73
19	03:02:37 AM	107.19	107.98	-0.79
20	03:02:53 AM	106.75	106.03	0.72
21	03:03:09 AM	106.5	106.01	0.49
22	03:03:25 AM	106.72	106.94	-0.22
23	03:03:41 AM	106.5	106.06	0.44
24	03:03:57 AM	106.25	106.01	0.24
25	03:04:13 AM	106.21	106.03	0.18
26	03:04:29 AM	106.03	106.99	-0.96
27	03:04:45 AM	106	106.97	-0.97
28	03:05:01 AM	105.93	105.95	-0.02

Tabel I.2. Data temperatur hari kesembilan

29	03:05:17 AM	105.71	105.02	0.69
30	03:05:33 AM	105.74	105.96	-0.22
31	03:05:49 AM	105.64	105	0.64
32	03:06:05 AM	105.64	105.01	0.63
33	03:06:21 AM	105.74	105.06	0.68
34	03:06:37 AM	105.78	105.09	0.69
35	03:06:53 AM	105.39	105.1	0.29
36	03:07:09 AM	105.49	105.07	0.42
37	03:07:25 AM	105.49	105.07	0.42
38	03:07:41 AM	105.53	105.1	0.43
39	03:07:57 AM	105.35	105.13	0.22
40	03:08:13 AM	105.31	105.08	0.23
41	03:08:29 AM	105.39	105.13	0.26
42	03:08:45 AM	105.1	105.09	0.01
43	03:09:01 AM	105.39	105.14	0.25
44	03:09:17 AM	105.13	105.16	-0.03
45	03:09:33 AM	105.1	105.12	-0.02
46	03:09:49 AM	105.24	105.12	0.12
47	03:10:05 AM	105.13	105.15	-0.02
48	03:10:21 AM	105.28	105.19	0.09
49	03:10:37 AM	105.1	105.25	-0.15
50	03:10:53 AM	105.1	105.25	-0.15
51	03:11:09 AM	105.06	105.21	-0.15
52	03:11:25 AM	104.95	104.28	0.67
53	03:11:41 AM	105.06	105.26	-0.2
54	03:11:57 AM	105.1	105.26	-0.16
55	03:12:13 AM	104.92	104.29	0.63
56	03:12:29 AM	105.06	105.24	-0.18
57	03:12:45 AM	105.03	105.21	-0.18
58	03:13:01 AM	105.06	105.23	-0.17
59	03:13:17 AM	104.92	104.25	0.67
60	03:13:33 AM	104.88	104.21	0.67
61	03:13:49 AM	105.1	105.26	-0.16
62	03:14:05 AM	104.92	104.29	0.63
63	03:14:21 AM	105.06	105.24	-0.18
64	03:14:37 AM	105.03	105.21	-0.18
65	03:14:53 AM	105.06	105.23	-0.17
66	03:15:09 AM	104.92	104.25	0.67

Tabel I.3. Data temperatur hari kesembilan (lanjutan)

67	03:15:25 AM	104.88	104.21	0.67
68	03:15:41 AM	105.1	105.26	-0.16
69	03:15:57 AM	104.92	104.29	0.63
70	03:16:13 AM	105.06	105.24	-0.18
71	03:16:29 AM	105.03	105.21	-0.18
72	03:16:45 AM	105.06	105.23	-0.17
73	03:17:01 AM	104.92	104.25	0.67
74	03:17:17 AM	104.88	104.21	0.67
75	03:17:33 AM	105.1	105.26	-0.16
76	03:17:49 AM	104.92	104.29	0.63
77	03:18:05 AM	105.06	105.24	-0.18
78	03:18:21 AM	105.03	105.21	-0.18
79	03:18:37 AM	105.06	105.23	-0.17
80	03:18:53 AM	104.92	104.25	0.67
81	03:19:09 AM	104.88	104.21	0.67
82	03:19:25 AM	105.93	105.95	-0.02
83	03:19:41 AM	105.71	105.02	0.69
84	03:19:57 AM	105.74	105.96	-0.22
85	03:20:13 AM	105.64	105	0.64
86	03:20:29 AM	105.64	105.01	0.63
87	03:20:45 AM	105.74	105.06	0.68
88	03:21:01 AM	105.78	105.09	0.69
89	03:21:17 AM	105.39	105.1	0.29
90	03:21:33 AM	105.49	105.07	0.42
91	03:21:49 AM	105.49	105.07	0.42
92	03:22:05 AM	105.53	105.1	0.43
93	03:22:21 AM	105.35	105.13	0.22
94	03:22:37 AM	105.31	105.08	0.23
95	03:22:53 AM	105.39	105.13	0.26
96	03:23:09 AM	105.1	105.09	0.01
97	03:23:25 AM	104.92	104.29	0.63
98	03:23:41 AM	105.06	105.24	-0.18
99	03:23:57 AM	105.03	105.21	-0.18
100	03:24:13 AM	105.06	105.23	-0.17
101	03:24:29 AM	104.92	104.25	0.67
102	03:24:45 AM	104.88	104.21	0.67
103	03:25:01 AM	105.1	105.26	-0.16
104	03:25:17 AM	104.92	104.29	0.63

Tabel I.4. Data temperatur hari kesembilan (lanjutan)

105	03:25:33 AM	105.06	105.24	-0.18
106	03:25:49 AM	105.03	105.21	-0.18
107	03:26:05 AM	104.92	104.25	0.67
108	03:26:21 AM	104.88	104.21	0.67
109	03:26:37 AM	105.93	105.95	-0.02
110	03:26:53 AM	105.71	105.02	0.69
111	03:27:09 AM	105.74	105.96	-0.22
112	03:27:25 AM	105.64	105	0.64
113	03:27:41 AM	105.64	105.01	0.63
114	03:27:57 AM	105.74	105.06	0.68
115	03:28:13 AM	105.78	105.09	0.69
116	03:28:29 AM	105.39	105.1	0.29
117	03:28:45 AM	105.49	105.07	0.42
118	03:29:01 AM	105.49	105.07	0.42
119	03:29:17 AM	105.53	105.1	0.43
120	03:29:33 AM	105.35	105.13	0.22
121	03:29:49 AM	105.1	105.26	-0.16
122	03:30:05 AM	104.92	104.29	0.63
123	03:30:21 AM	105.06	105.24	-0.18
124	03:30:37 AM	105.03	105.21	-0.18
125	03:30:53 AM	105.06	105.23	-0.17
126	03:31:09 AM	104.92	104.25	0.67
127	03:31:25 AM	104.88	104.21	0.67
128	03:31:41 AM	105.1	105.26	-0.16
129	03:31:57 AM	104.92	104.29	0.63
130	03:32:13 AM	105.06	105.24	-0.18
131	03:32:29 AM	105.03	105.21	-0.18
132	03:32:45 AM	105.06	105.23	-0.17
133	03:33:01 AM	104.92	104.25	0.67
134	03:33:17 AM	105.39	105.14	0.25
135	03:33:33 AM	105.13	105.16	-0.03
136	03:33:49 AM	105.1	105.12	-0.02
137	03:34:05 AM	105.24	105.12	0.12
138	03:34:21 AM	105.13	105.15	-0.02
139	03:34:37 AM	105.28	105.19	0.09
140	03:34:53 AM	105.1	105.25	-0.15
141	03:35:09 AM	105.1	105.25	-0.15
142	03:35:25 AM	105.06	105.21	-0.15

Tabel I.5. Data temperatur hari kesembilan (lanjutan)

143	03:35:41 AM	104.95	104.28	0.67
144	03:35:57 AM	105.06	105.26	-0.2
145	03:36:13 AM	105.1	105.26	-0.16
146	03:36:29 AM	104.92	104.29	0.63
147	03:36:45 AM	105.06	105.24	-0.18
148	03:37:01 AM	105.03	105.21	-0.18
149	03:37:17 AM	104.92	104.25	0.67
150	03:37:33 AM	104.88	104.21	0.67
151	03:37:49 AM	105.1	105.26	-0.16
152	03:38:05 AM	104.92	104.29	0.63
153	03:38:21 AM	105.06	105.24	-0.18
154	03:38:37 AM	105.03	105.21	-0.18
155	03:38:53 AM	105.06	105.23	-0.17
156	03:39:09 AM	104.92	104.25	0.67
157	03:39:25 AM	104.88	104.21	0.67
158	03:39:41 AM	105.1	105.26	-0.16
159	03:39:57 AM	104.92	104.29	0.63
160	03:40:13 AM	105.06	105.24	-0.18
161	03:40:29 AM	105.03	105.21	-0.18
162	03:40:45 AM	105.06	105.23	-0.17
163	03:41:01 AM	104.92	104.25	0.67
164	03:41:17 AM	104.92	104.25	0.67
165	03:41:33 AM	104.88	104.21	0.67
166	03:41:49 AM	105.93	105.95	-0.02
167	03:42:05 AM	105.71	105.02	0.69
168	03:42:21 AM	105.74	105.96	-0.22
169	03:42:37 AM	105.64	105	0.64
170	03:42:53 AM	105.64	105.01	0.63
171	03:43:09 AM	105.74	105.06	0.68
172	03:43:25 AM	105.78	105.09	0.69
173	03:43:41 AM	105.39	105.1	0.29
174	03:43:57 AM	105.49	105.07	0.42
175	03:44:13 AM	105.49	105.07	0.42
176	03:44:29 AM	105.53	105.1	0.43
177	03:44:45 AM	105.35	105.13	0.22
178	03:45:01 AM	105.1	105.26	-0.16
179	03:45:17 AM	104.92	104.29	0.63
180	03:45:33 AM	105.06	105.24	-0.18

Tabel I.6. Data temperatur hari kesembilan (lanjutan)

181	03:45:49 AM	105.03	105.21	-0.18
182	03:46:05 AM	105.06	105.23	-0.17
183	03:46:21 AM	104.92	104.25	0.67
184	03:46:37 AM	104.88	104.21	0.67
185	03:46:53 AM	105.1	105.26	-0.16
186	03:47:09 AM	104.92	104.29	0.63
187	03:47:25 AM	105.06	105.24	-0.18
188	03:47:41 AM	105.03	105.21	-0.18
189	03:47:57 AM	104.92	104.25	0.67
190	03:48:13 AM	104.88	104.21	0.67
191	03:48:29 AM	105.93	105.95	-0.02
192	03:48:45 AM	105.71	105.02	0.69
193	03:49:01 AM	105.74	105.96	-0.22
194	03:49:17 AM	105.64	105	0.64
195	03:49:33 AM	105.64	105.01	0.63
196	03:49:49 AM	105.74	105.06	0.68
197	03:50:05 AM	105.78	105.09	0.69
198	03:50:21 AM	105.39	105.1	0.29
199	03:50:37 AM	105.49	105.07	0.42
200	03:50:53 AM	105.49	105.07	0.42
201	03:51:09 AM	105.53	105.1	0.43
202	03:51:25 AM	105.35	105.13	0.22
203	03:51:41 AM	105.1	105.26	-0.16
204	03:51:57 AM	104.92	104.29	0.63
205	03:52:13 AM	105.06	105.24	-0.18
206	03:52:29 AM	105.03	105.21	-0.18
207	03:52:45 AM	105.06	105.23	-0.17
208	03:53:01 AM	104.92	104.25	0.67
209	03:53:17 AM	104.88	104.21	0.67
210	03:53:33 AM	105.1	105.26	-0.16
211	03:53:49 AM	104.92	104.29	0.63
212	03:54:05 AM	105.06	105.24	-0.18
213	03:54:21 AM	105.03	105.21	-0.18
214	03:54:37 AM	105.06	105.24	-0.18
215	03:54:53 AM	105.03	105.21	-0.18
216	03:55:09 AM	104.92	104.25	0.67
217	03:55:25 AM	104.88	104.21	0.67
218	03:55:41 AM	105.1	105.26	-0.16

Tabel I.7. Data temperatur hari kesembilan (lanjutan)

219	03:55:57 AM	104.92	104.29	0.63
220	03:56:13 AM	105.06	105.24	-0.18
221	03:56:29 AM	105.03	105.21	-0.18
222	03:56:45 AM	105.06	105.23	-0.17
223	03:57:01 AM	104.92	104.25	0.67
224	03:57:17 AM	104.88	104.21	0.67
225	03:57:33 AM	105.1	105.26	-0.16
Rata-rata selisih data				0.22

Tabel J.1. Data temperatur hari kesepuluh

No.	Hari-10/ 08.10.24			Selisih data
	Waktu	Temperatur Bearing (°F)		
		Alat yang dibuat	HEATGUN	
1	22:21:29 PM	113.64	113.11	0.53
2	22:21:45 PM	113.46	113.14	0.32
3	22:22:01 PM	114.21	114.15	0.06
4	22:22:17 PM	113.14	113.1	0.04
5	22:22:33 PM	114.14	114.19	-0.05
6	22:22:49 PM	113	113.1	-0.1
7	22:23:05 PM	114.74	114.11	0.63
8	22:23:21 PM	114.85	114.1	0.75
9	22:23:37 PM	114.71	114.07	0.64
10	22:23:53 PM	114.85	114.07	0.78
11	22:24:09 PM	114.71	114.09	0.62
12	22:24:25 PM	114.64	114.97	-0.33
13	22:24:41 PM	114.6	114	0.6
14	22:24:57 PM	114.67	114.97	-0.3
15	22:25:13 PM	114.67	114.02	0.65
16	22:25:29 PM	114.56	114.05	0.51
17	22:25:45 PM	114.42	114.03	0.39
18	22:26:01 PM	114.42	114.99	-0.57
19	22:26:17 PM	114.35	114.98	-0.63
20	22:26:33 PM	114.13	114.03	0.1

Tabel J.2. Data temperatur hari kesepuluh (lanjutan)

21	22:26:49 PM	114.21	114.01	0.2
22	22:27:05 PM	113.99	113.94	0.05
23	22:27:21 PM	113.95	113.06	0.89
24	22:27:37 PM	113.99	113.01	0.98
25	22:27:53 PM	113.95	113.03	0.92
26	22:28:09 PM	113.92	113.99	-0.07
27	22:28:25 PM	114.03	114.97	-0.94
28	22:28:41 PM	113.84	113.95	-0.11
29	22:28:57 PM	113.95	113.02	0.93
30	22:29:13 PM	113.95	113.96	-0.01
31	22:29:29 PM	113.99	113	0.99
32	22:29:45 PM	113.84	113.01	0.83
33	22:30:01 PM	113.66	113.06	0.6
34	22:30:17 PM	113.74	113.09	0.65
35	22:30:33 PM	113.77	113.1	0.67
36	22:30:49 PM	113.95	113.07	0.88
37	22:31:05 PM	113.81	113.07	0.74
38	22:31:21 PM	113.66	113.1	0.56
39	22:31:37 PM	113.77	113.13	0.64
40	22:31:53 PM	113.66	113.08	0.58
41	22:32:09 PM	113.63	113.13	0.5
42	22:32:25 PM	113.81	113.09	0.72
43	22:32:41 PM	113.77	113.14	0.63
44	22:32:57 PM	113.63	113.16	0.47
45	22:33:13 PM	113.95	113.12	0.83
46	22:33:29 PM	113.74	113.12	0.62
47	22:33:45 PM	113.63	113.15	0.48
48	22:34:01 PM	113.7	113.19	0.51
49	22:34:17 PM	113.81	113.25	0.56
50	22:34:33 PM	113.49	113.25	0.24
51	22:34:49 PM	113.63	113.21	0.42
52	22:35:05 PM	113.81	113.28	0.53
53	22:35:21 PM	113.74	113.26	0.48
54	22:35:37 PM	113.95	113.26	0.69
55	22:35:53 PM	113.63	113.29	0.34
56	22:36:09 PM	113.81	113.24	0.57
57	22:36:25 PM	113.74	113.21	0.53
58	22:36:41 PM	113.95	113.23	0.72

Tabel J.3. Data temperatur hari kesepuluh (lanjutan)

59	22:36:57 PM	113.63	113.25	0.38
60	22:37:13 PM	113.81	113.21	0.6
61	22:37:29 PM	113.74	113.09	0.65
62	22:37:45 PM	113.95	113.14	0.81
63	22:38:01 PM	113.63	113.16	0.47
64	22:38:17 PM	113.81	113.12	0.69
65	22:38:33 PM	113.74	113.12	0.62
66	22:38:49 PM	113.95	113.15	0.8
67	22:39:05 PM	113.63	113.19	0.44
68	22:39:21 PM	113.81	113.25	0.56
69	22:39:37 PM	113.63	113.25	0.38
70	22:39:53 PM	113.81	113.21	0.6
71	22:40:09 PM	113.74	113.28	0.46
72	22:40:25 PM	113.95	113.26	0.69
73	22:40:41 PM	113.09	113.26	-0.17
74	22:40:57 PM	113.14	113.26	-0.12
75	22:41:13 PM	113.16	113.29	-0.13
76	22:41:29 PM	113.12	113.24	-0.12
77	22:41:45 PM	113.12	113.21	-0.09
78	22:42:01 PM	113.15	113.23	-0.08
79	22:42:17 PM	113.19	113.25	-0.06
80	22:42:33 PM	113.25	113.21	0.04
81	22:42:49 PM	113.25	113.12	0.13
82	22:43:05 PM	113.21	113.15	0.06
83	22:43:21 PM	113.26	113.19	0.07
84	22:43:37 PM	113.26	113.25	0.01
85	22:43:53 PM	113.29	113.25	0.04
86	22:44:09 PM	113.24	113.21	0.03
87	22:44:25 PM	113.21	113.28	-0.07
88	22:44:41 PM	113.23	113.26	-0.03
89	22:44:57 PM	113.25	113.26	-0.01
90	22:45:13 PM	113.21	113.96	-0.75
91	22:45:29 PM	113.12	113.25	-0.13
92	22:45:45 PM	113.15	113.21	-0.06
93	22:46:01 PM	113.12	113.12	0
94	22:46:17 PM	113.15	113.15	0
95	22:46:33 PM	113.19	113.19	0
96	22:46:49 PM	113.25	113.25	0

Tabel J.4. Data temperatur hari kesepuluh (lanjutan)

97	22:47:05 PM	113.25	113.25	0
98	22:47:21 PM	113.21	113.21	0
99	22:47:37 PM	113.28	113.28	0
100	22:47:53 PM	113.26	113.26	0
101	22:48:09 PM	113.26	113.26	0
102	22:48:25 PM	113.96	113.96	0
103	22:48:41 PM	113.99	113.94	0.05
104	22:48:57 PM	113.95	113.06	0.89
105	22:49:13 PM	113.99	113.01	0.98
106	22:49:29 PM	113.95	113.03	0.92
107	22:49:45 PM	113.92	113.99	-0.07
108	22:50:01 PM	114.03	114.97	-0.94
109	22:50:17 PM	113.84	113.95	-0.11
110	22:50:33 PM	113.95	113.02	0.93
111	22:50:49 PM	113.95	113.96	-0.01
112	22:51:05 PM	113.99	113	0.99
113	22:51:21 PM	113.84	113.01	0.83
114	22:51:37 PM	113.66	113.06	0.6
115	22:51:53 PM	113.74	113.09	0.65
116	22:52:09 PM	113.77	113.1	0.67
117	22:52:25 PM	113.95	113.07	0.88
118	22:52:41 PM	113.81	113.07	0.74
119	22:52:57 PM	113.66	113.1	0.56
120	22:53:13 PM	113.77	113.13	0.64
121	22:53:29 PM	113.66	113.08	0.58
122	22:53:45 PM	113.63	113.13	0.5
123	22:54:01 PM	113.81	113.09	0.72
124	22:54:17 PM	113.77	113.14	0.63
125	22:54:33 PM	113.63	113.16	0.47
126	22:54:49 PM	113.95	113.12	0.83
127	22:55:05 PM	113.74	113.12	0.62
128	22:55:21 PM	113.63	113.15	0.48
129	22:55:37 PM	113.7	113.19	0.51
130	22:55:53 PM	113.13	113.25	-0.12
131	22:56:09 PM	113.08	113.21	-0.13
132	22:56:25 PM	113.13	113.28	-0.15
133	22:56:41 PM	113.09	113.26	-0.17
134	22:56:57 PM	113.14	113.26	-0.12

Tabel J.5. Data temperatur hari kesepuluh (lanjutan)

135	22:57:13 PM	113.94	113.96	-0.02
136	22:57:29 PM	113.99	113.94	0.05
137	22:57:45 PM	113.95	113.06	0.89
138	22:58:01 PM	113.99	113.01	0.98
139	22:58:17 PM	113.95	113.03	0.92
140	22:58:33 PM	113.92	113.99	-0.07
141	22:58:49 PM	114.03	114.97	-0.94
142	22:59:05 PM	113.84	113.95	-0.11
143	22:59:21 PM	113.95	113.02	0.93
144	22:59:37 PM	113.95	113.96	-0.01
145	22:59:53 PM	113.99	113	0.99
146	23:00:09 PM	113.84	113.01	0.83
147	23:00:25 PM	113.66	113.06	0.6
148	23:00:41 PM	113.74	113.09	0.65
149	23:00:57 PM	113.06	113.26	-0.2
150	23:01:13 PM	113.01	113.26	-0.25
151	23:01:29 PM	113.03	113.29	-0.26
152	23:01:45 PM	113.99	113.24	0.75
153	23:02:01 PM	114.97	113.21	1.76
154	23:02:17 PM	113.95	113.23	0.72
155	23:02:33 PM	113.02	113.25	-0.23
156	23:02:49 PM	113.96	113.21	0.75
157	23:03:05 PM	113	113.12	-0.12
158	23:03:21 PM	113.01	113.15	-0.14
159	23:03:37 PM	113.06	113.19	-0.13
160	23:03:53 PM	113.29	113.25	0.04
161	23:04:09 PM	113.24	113.25	-0.01
162	23:04:25 PM	113.21	113.21	0
163	23:04:41 PM	113.23	113.28	-0.05
164	23:04:57 PM	113.92	113.99	-0.07
165	23:05:13 PM	114.03	114.97	-0.94
166	23:05:29 PM	113.84	113.95	-0.11
167	23:05:45 PM	113.95	113.02	0.93
168	23:06:01 PM	113.95	113.96	-0.01
169	23:06:17 PM	113.99	113	0.99
170	23:06:33 PM	113.84	113.01	0.83
171	23:06:49 PM	113.66	113.06	0.6
172	23:07:05 PM	113.74	113.09	0.65

Tabel J.6. Data temperatur hari kesepuluh (lanjutan)

173	23:07:21 PM	113.77	113.1	0.67
174	23:07:37 PM	113.95	113.07	0.88
175	23:07:53 PM	113.81	113.07	0.74
176	23:08:09 PM	113.66	113.1	0.56
177	23:08:25 PM	113.77	113.13	0.64
178	23:08:41 PM	113.66	113.08	0.58
179	23:08:57 PM	113.63	113.13	0.5
180	23:09:13 PM	113.81	113.09	0.72
181	23:09:29 PM	113.77	113.14	0.63
182	23:09:45 PM	113.63	113.16	0.47
183	23:10:01 PM	113.95	113.12	0.83
184	23:10:17 PM	113.74	113.12	0.62
185	23:10:33 PM	113.63	113.15	0.48
186	23:10:49 PM	113.7	113.19	0.51
187	23:11:05 PM	113.13	113.25	-0.12
188	23:11:21 PM	113.09	113.21	-0.12
189	23:11:37 PM	113.14	113.28	-0.14
190	23:11:53 PM	113.16	113.26	-0.1
191	23:12:09 PM	113.12	113.26	-0.14
192	23:12:25 PM	113.12	113.96	-0.84
193	23:12:41 PM	113.99	113.94	0.05
194	23:12:57 PM	113.95	113.06	0.89
195	23:13:13 PM	113.99	113.01	0.98
196	23:13:29 PM	113.95	113.03	0.92
197	23:13:45 PM	113.92	113.99	-0.07
198	23:14:01 PM	114.03	114.97	-0.94
199	23:14:17 PM	113.84	113.95	-0.11
200	23:14:33 PM	113.95	113.02	0.93
201	23:14:49 PM	113.95	113.96	-0.01
202	23:15:05 PM	113.99	113	0.99
203	23:15:21 PM	113.99	113.28	0.71
204	23:15:37 PM	114.97	113.26	1.71
205	23:15:53 PM	113.95	113.26	0.69
206	23:16:09 PM	113.02	113.96	-0.94
207	23:16:25 PM	113.99	113.94	0.05
208	23:16:41 PM	113.95	113.06	0.89
209	23:16:57 PM	113.99	113.01	0.98
210	23:17:13 PM	113.95	113.03	0.92

Tabel J.7. Data temperatur hari kesepuluh (lanjutan)

211	23:17:29 PM	113.92	113.99	-0.07
212	23:17:45 PM	114.03	114.97	-0.94
213	23:18:01 PM	113.84	113.95	-0.11
214	23:18:17 PM	113.95	113.02	0.93
215	23:18:33 PM	113.95	113.96	-0.01
216	23:18:49 PM	113.99	113	0.99
217	23:19:05 PM	113.84	113.01	0.83
218	23:19:21 PM	113.66	113.06	0.6
219	23:19:37 PM	113.74	113.09	0.65
220	23:19:53 PM	113.77	113.1	0.67
221	23:20:09 PM	113.95	113.07	0.88
222	23:20:25 PM	113.96	113.96	0
223	23:20:41 PM	113.99	113.94	0.05
224	23:20:57 PM	113.95	113.96	0.89
225	23:21:13 PM	113.95	113.06	0.94
Rata-rata selisih data				0.34

Tabel perhitungan nilai rata-rata uji reliabilitas

No.	Hari	Nilai Reliabilitas
1	Pertama	0.976
2	Kedua	0.812
3	Ketiga	0.893
4	Keempat	0.992
5	Kelima	0.985
6	Keenam	0.983
7	Ketujuh	0.992
8	Kedelapan	0.99
9	Kesembilan	0.977
10	Kesepuluh	0.889
11	Nilai rata-rata	0.9489