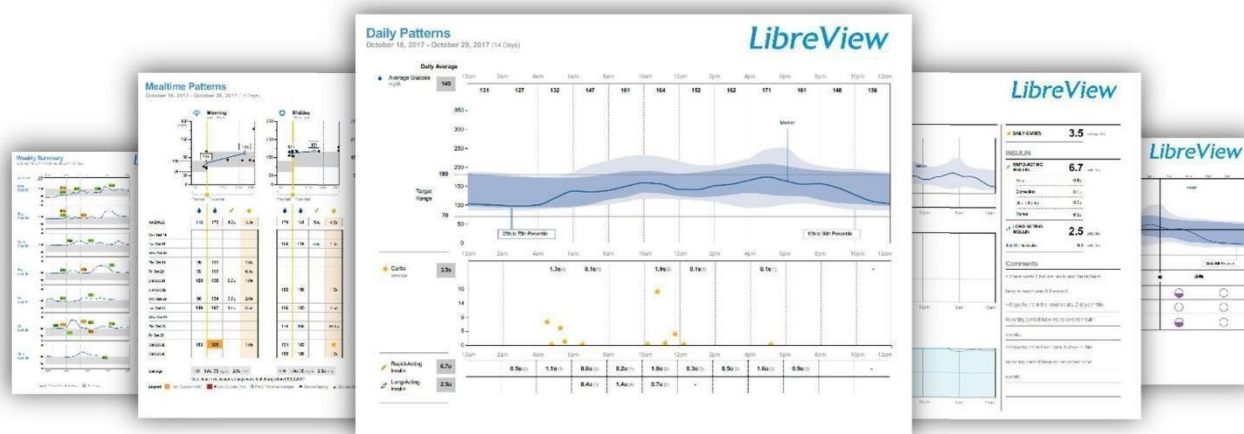


# LibreView

## The FreeStyle Libre Portfolio Report Set Overview



The LibreView system gives you a consistent set of clear, intuitive reports that make it easier and faster to discover patterns and trends.

Not all devices and reports are available in all regions.

Units of measurement are for purposes of illustration and will be available as applicable per region.

LibreView provides a standard set of information and graphs relating to diabetes management and is only one part of understanding glucose patterns.



Abbott B.V., Wegalaan 9, 2132 JD Hoofddorp, The Netherlands

# The FreeStyle Libre Portfolio Report Set

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## AGP Report

The AGP report is a standardized report developed by the International Diabetes Center (IDC) and shows a standard set of information and graphs. See reference paper below for more information.

### AGP Report

January 24, 2019 - February 6, 2019 (14 Days)

#### GLUCOSE STATISTICS AND TARGETS

January 24, 2019 - February 6, 2019

14 Days

% Time CGM is Active

100%

Ranges And Targets For Type 1 or Type 2 Diabetes

Glucose Ranges	Targets % of Readings (Time/Day)
Target Range 70-180 mg/dL	Greater than 70% (16h 48min)
Below 70 mg/dL	Less than 4% (58min)
Below 54 mg/dL	Less than 1% (14min)
Above 180 mg/dL	Less than 25% (6h)
Above 250 mg/dL	Less than 5% (1h 12min)

Each 5% increase in time in range (70-180 mg/dL) is clinically beneficial.

Average Glucose

146 mg/dL

Glucose Management Indicator (GMI)

6.8%

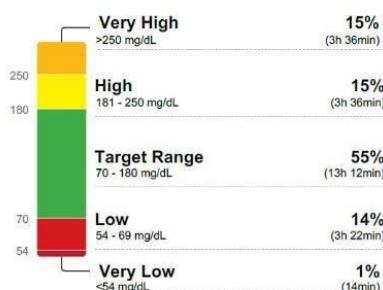
Glucose Variability

55%

Defined as percent coefficient of variation (%CV); target ≤36%

### LibreView

#### TIME IN RANGES



#### Glucose Statistics and Targets:

Relevant statistics including average glucose, recommended glucose ranges and targets, variability, and Glucose Management Indicator (GMI), calculated for the report period. The Ranges and Targets in the gray box are ideal ranges for the patient population and do not reflect patient data.

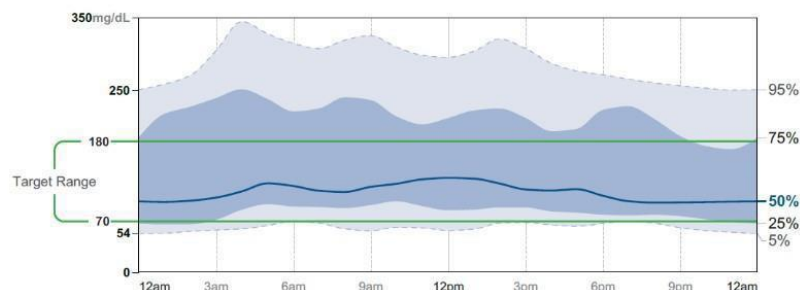
#### Glucose Management Indicator (GMI):

GMI indicates what the approximate A1C level is likely to be, based on the average glucose level from sensor readings during the report period.

**Time in Ranges:** Percentages of time for which glucose levels are in range and out of range during the report period. The target ranges and high/low glucose thresholds for this report are aligned with the recommended standard.

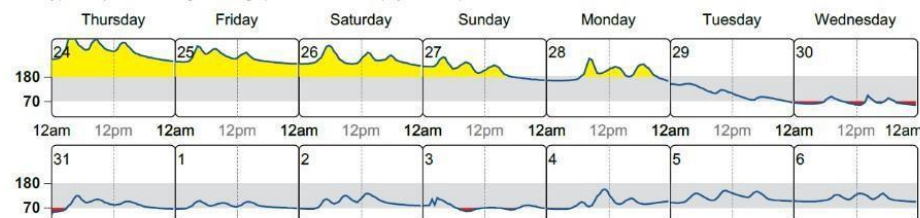
#### AMBULATORY GLUCOSE PROFILE (AGP)

AGP is a summary of glucose values from the report period, with median (50%) and other percentiles shown as if occurring in a single day.



#### DAILY GLUCOSE PROFILES

Each daily profile represents a midnight to midnight period with the date displayed in the top-left corner.



Source: Battelino, Tadej, et al. "Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations From the International Consensus on Time in Range." *Diabetes Care*, American Diabetes Association, 7 June 2019, <https://doi.org/10.2337/dci19-0028>.

#### Ambulatory Glucose Profile (AGP):

A graph of the 5th, 25th, 50th (median), 75th and 95th percentiles of glucose readings for the report period.

#### Daily Glucose Profiles:

Single-day profiles shown for up to the last two weeks' worth of data captured.

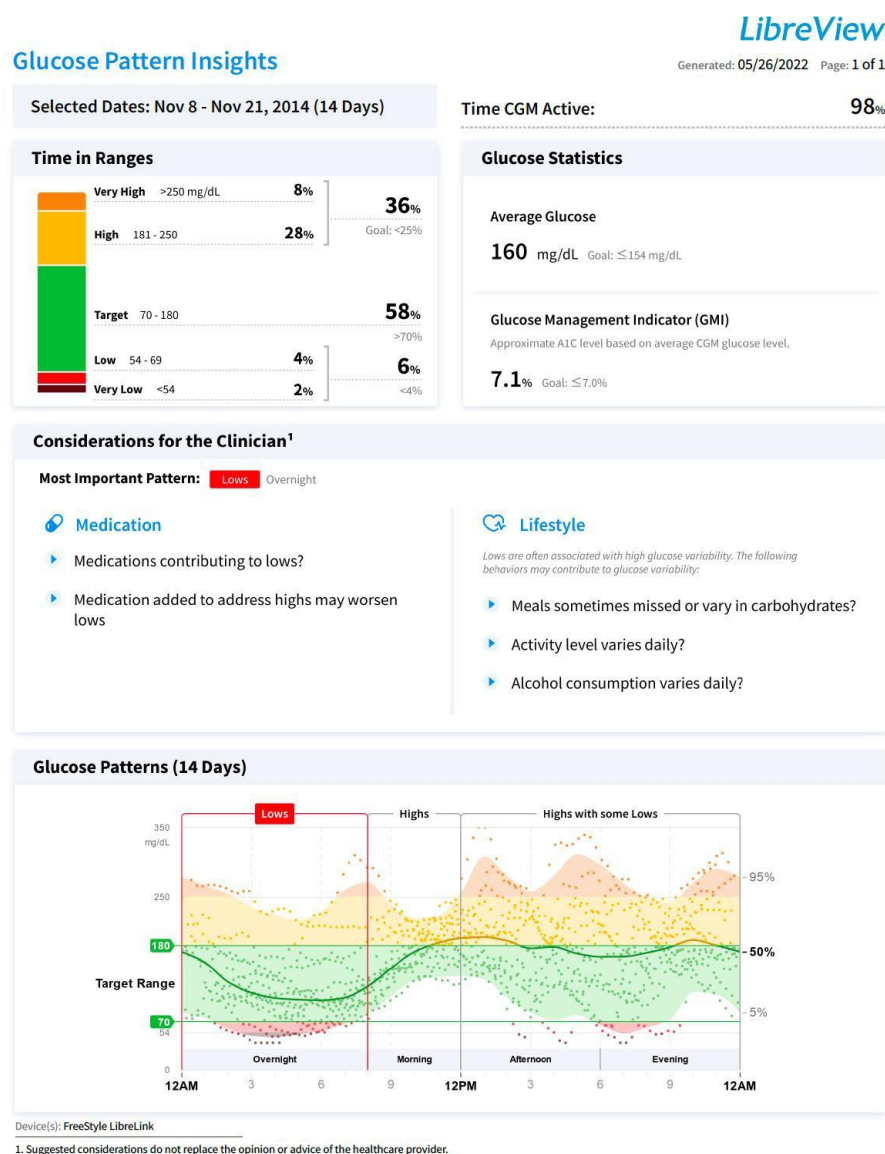
Source: Battelino, Tadej, et al. "Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations From the International Consensus on Time in Range." *Diabetes Care*, American Diabetes Association, 7 June 2019, <https://doi.org/10.2337/dci19-0028>.

Learn more at [www.agpreport.org/agp/learning](http://www.agpreport.org/agp/learning).

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## Glucose Pattern Insights

The Glucose Pattern Insights report offers an interpretation of the Ambulatory Glucose Profile (AGP) by highlighting glycemic patterns and supplying medication and lifestyle considerations to address them.



**Glucose Statistics** – Average glucose and Glucose Management Indicator (GMI). The GMI indicates what the approximate A1C level is likely to be based on the average glucose level from sensor readings during the report period.

**Time in Ranges** – Percentages of time for which glucose levels are in range and out of range during the report period. The target range and high/low glucose thresholds for this report are aligned with the recommended standard.

**Considerations for the Clinician** – Identifies the highest priority glycemic pattern and provides considerations for addressing it. Possible glycemic patterns are lows, highs-with-some-lows, and highs, prioritized in that order. Each pattern may occur during the overnight, morning, afternoon, or evening periods. Medication considerations emphasize that any low pattern should be addressed as a priority, and that highs should not be treated at the expense of creating a low pattern. Lifestyle considerations help facilitate behavior change discussions when high glucose variability is detected. Addressing high glucose variability is important because it precludes achieving target glucose levels and eliminating high and low patterns. See the Considerations for the Clinician Table\* below for more information about the types of guidance that are provided for different patterns.

**Glucose Patterns** – The graph plots the data used to determine glycemic patterns and highlights each of the detected patterns and the time-of-day periods when they occur.

*Considerations for the Clinician Table			
Glycemic Pattern	Pattern Description	Medication Considerations	Lifestyle Considerations
Lows	Persistent low glucose. Note that persistent high glucose may or may not be present in the same or other times of the day.	-Consider if medication is contributing to lows -Consider if increasing medication to address highs may worsen lows	-Consider if behaviors that may cause high glucose variability are contributing to the pattern of lows
Highs with some Lows	Persistent high glucose with risk of a future low pattern if therapy changes are made to address highs without addressing high glucose variability.	-Consider if increasing medication to address highs may worsen lows -Consider a different therapy to address high variability	-Consider if behaviors that may cause high glucose variability are contributing to the pattern of highs-with-some-lows
Highs	Persistent high glucose with low risk of a future low pattern if therapy changes are made to address highs.	-Consider adjusting medication to address high glucose. -Consider if increasing medication to address highs may worsen lows during other periods.	-Consider if behaviors that may cause high glucose or high glucose variability contributing to the pattern of highs

# The FreeStyle Libre Portfolio Report Set

LibreView

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## Weekly Summary

The Weekly Summary report shows daily glucose, insulin and carbohydrates data shown in a weekly format. This report is very similar to the Daily Log report, except that it summarizes a full week's worth of data per page.

Karla F. Brawner  
DOB: 12-12-1955

SOURCES: FreeStyle LibreLink

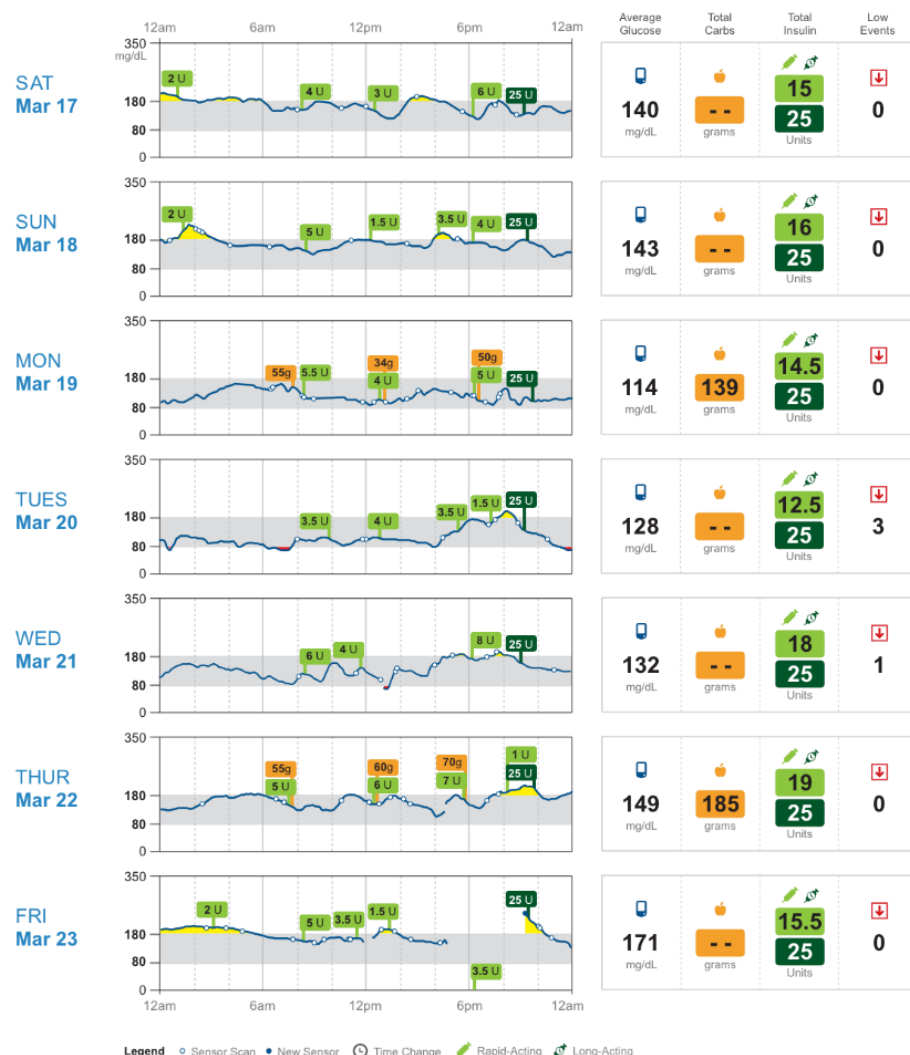
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PHONE: 123-456-7890

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PRINTED: 03/04/20

## Weekly Summary

January 29, 2020 - February 12, 2020 (14 days)

LibreView



**One graph per day**—Each of the seven graphs represents one day of data.

**Glucose trend** – This feature presents glucose reading trends, making it easy to see when readings fall inside and outside the grey-shaded target range zone.

**Total Carbohydrates** – Indicates the number of units of carbohydrates logged for that day.

**Total Insulin** – Indicates the number of units of insulin, categorized as either rapid-acting or long-acting, for that day.

**Low Events** – Indicates the number of low glucose events for that day. The plot turns red to indicate glucose readings below the low-glucose threshold.

**Scans/Views** – Shows when the patient either scanned their sensor or viewed their latest glucose reading on their device.

# The FreeStyle Libre Portfolio Report Set

LibreView

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## Snapshot

The Snapshot report shows a summary of glucose, sensor usage, carbohydrate, insulin, and quantitative hypoglycemic data for the 14-day time period.

LibreView

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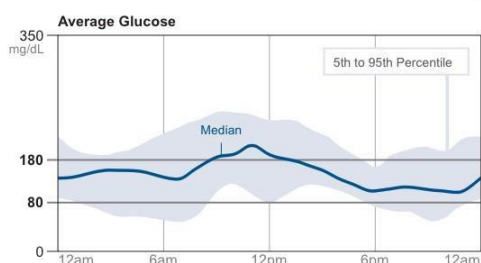
## Snapshot

June 13, 2019 - June 26, 2019 (14 days)

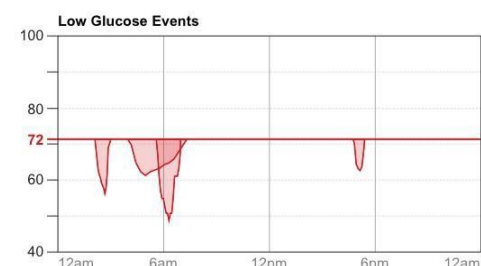
### Glucose

GMI 7.8% or 62 mmol/mol

AVERAGE GLUCOSE	138 mg/dL
% above target	23 %
% in target	68 %
% below target	9 %



LOW GLUCOSE EVENTS	4
Average duration	38 Min



### Sensor Usage

% TIME SENSOR IS ACTIVE	79 %
Average scans/views	5 / Day



### Carbs

DAILY CARBS	201 grams/day
-------------	---------------

### Insulin

RAPID-ACTING INSULIN	19.1 Units/day
LONG-ACTING INSULIN	30 Units/day
Total Daily Insulin	49.1 Units/day

### Comments

- Average number of tests per day increased from previous reporting period.
- Wide blood glucose fluctuations found in the reporting period. This variation may skew or affect blood glucose average.
- Ratio of correction insulin is 18% of the average total daily dose.

**Average glucose**—Gives average glucose for the date range selected. Percent time above target, in target and below target are determined by the Target Range.

**Sensor usage** – % Time of Sensor is active is the percentage of possible sensor data points that the device recorded from a sensor. Daily scans/views are the average number of times the patient engages with their FreeStyle Libre device either through scanning the sensor or viewing their most recent glucose value.

**Daily Carbs**—If carbohydrate consumption is logged using the device, this data will appear here. This will provide some insight into the patient's diet.

**Insulin**—If insulin data is logged using the insulin logging feature on the device or via a connected insulin pen, that data will appear here. This will help you gain insights into how the patient is taking rapid- acting and/or long-acting insulin. Total Daily Insulin is the sum of both types of insulins logged.

**Comments**—Comments are provided that help to expose patterns in the data, rather than just showing numbers. These comments are automatically generated.

**Low Glucose Events**—The number of low glucose events experienced is provided along with average duration. A graph displays duration of events shaded in red.



A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## Daily Log

The Daily Log report shows detailed glucose, carbohydrate, insulin and other data that a patient has logged and when the data was logged for each day in the 14-day time period. This report is the only report in this set that includes strip test results.

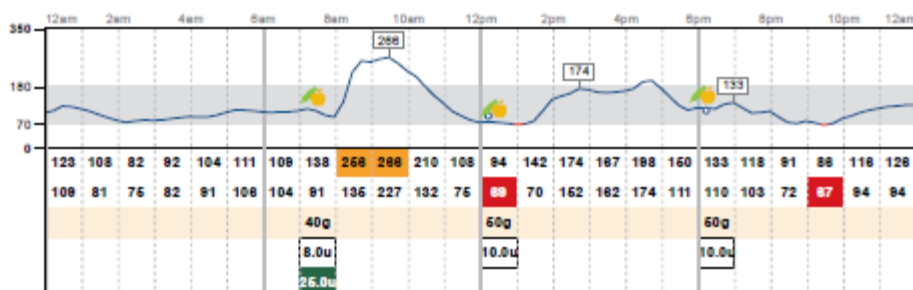
### Daily Log

March 18, 2022 - March 31, 2022 (14 Days)

LibreView

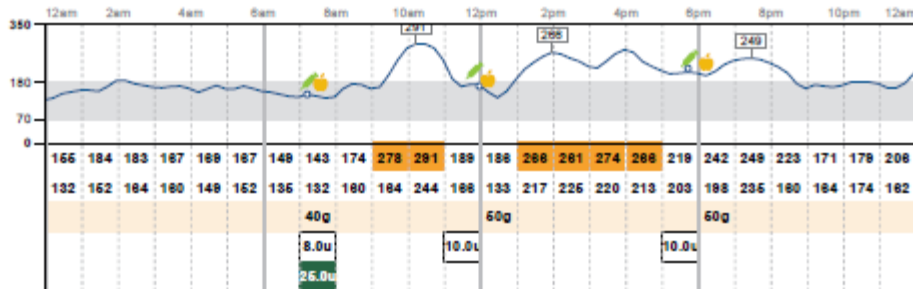
FRI Mar 18

Glucose mg/dL  
Max  
Min  
Carbs grams  
Rapid-Acting Insulin  
Long-Acting Insulin



SAT Mar 19

Glucose mg/dL  
Max  
Min  
Carbs grams  
Rapid-Acting Insulin  
Long-Acting Insulin



Legend High Glucose (>250) Low Glucose (<70) Scans/Views Logged Post-Meal Peak New Sensor Time Change  
17.0u-2.0u+0.0 15.0u Meal + Correction + User Change = Total Strip Test

**One day of data**—Each section represents one day of data, including all glucose data, as well as any insulin and carbohydrates that the patient logged for that day. Each block represents one hour.

**Glucose values** - Beneath the graph, the minimum and maximum glucose values are provided for each hour. Readings that exceed the high glucose threshold are highlighted in orange, while those falling below the low glucose threshold are marked in red.

**Scans/Views** - Displays on the glucose trace when a patient has scanned their sensor or viewed their current glucose value on their device.

**Individual readings**—All strip test blood glucose readings appear in this time-based format with readings greater than the high glucose threshold and below the low glucose threshold highlighted in orange and red respectively.

**Rapid-acting insulin**—If the user has logged rapid-acting insulin or has a connected insulin pen, it is shown in a black-outlined box. Post-meal peak values are outlined similarly as well.

**Long-acting insulin**—If the user has logged long-acting insulin or has a connected insulin pen, it is shown in a dark green box.

# The FreeStyle Libre Portfolio Report Set

LibreView

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

## Daily Patterns

The Daily Patterns report shows glucose, carbohydrate and insulin data over the “typical” day based on all days within the 14- day time period. It includes the Ambulatory Glucose Profile, a graph of the 5th, 25th, 50th(median), 75th and 95th percentiles of glucose readings.

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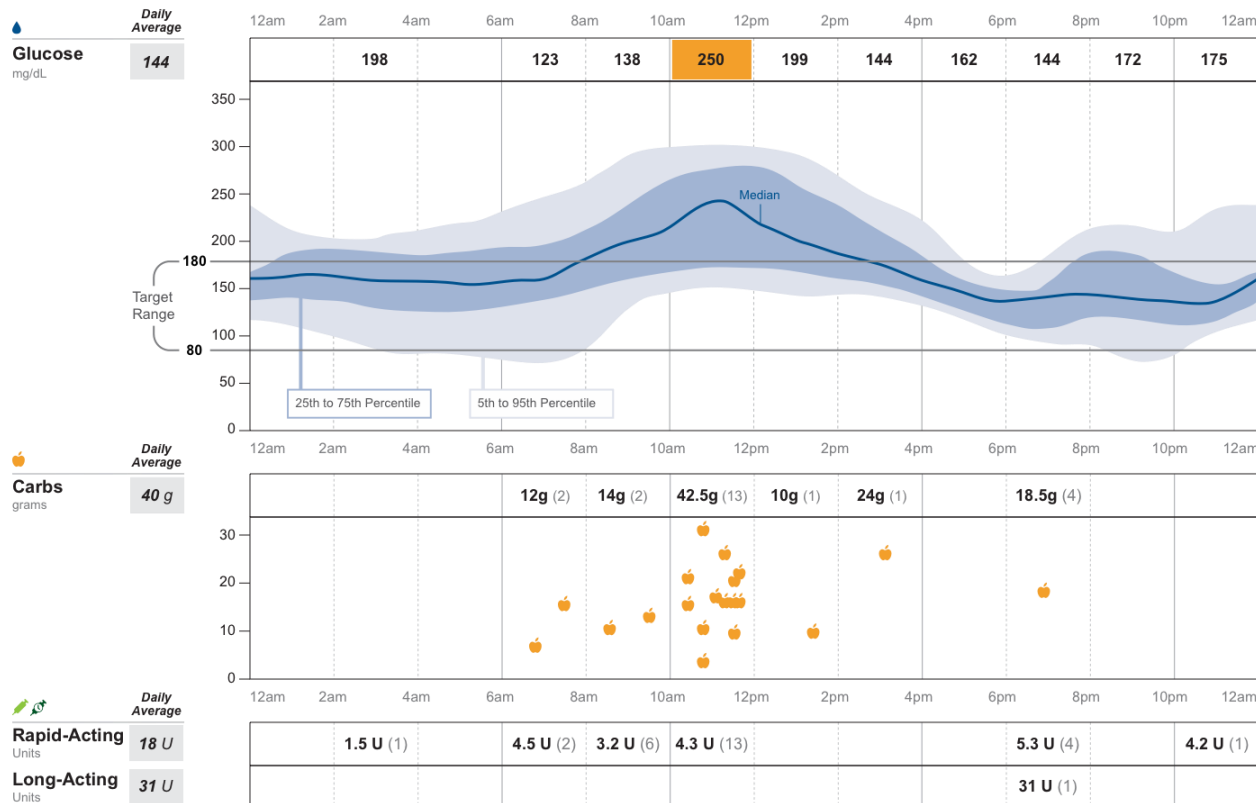
SOURCES: FreeStyle LibreLink

Karla F. Brawner  
DOB: 12-12-1955

## Daily Patterns

February 19, 2020 - March 4, 2020 (14 days)

LibreView



**Average glucose** – Gives daily average glucose from all days in the reporting period selected as well as the average glucose for every two hours of the day over a 24-hour period. Higher than the high glucose threshold averages will be highlighted in orange and lower than the low glucose threshold averages will be highlighted in red.

**Carbohydrates** – Gives daily average of any logged carbohydrates as well as the average carbs logged for each hour of the day over a 24-hour period. Numbers in the parentheses indicate how many entries have been logged. Apple icons will appear in grid.

**Insulin** – Gives daily averages of rapid-acting and long-acting insulin as well as the average insulin for each hour of the day over a 24-hour period. Numbers in the parentheses indicate how many entries have been logged.

# The FreeStyle Libre Portfolio Report Set

LibreView

A set of reports displaying data from readers and mobile apps within the FreeStyle Libre Portfolio.

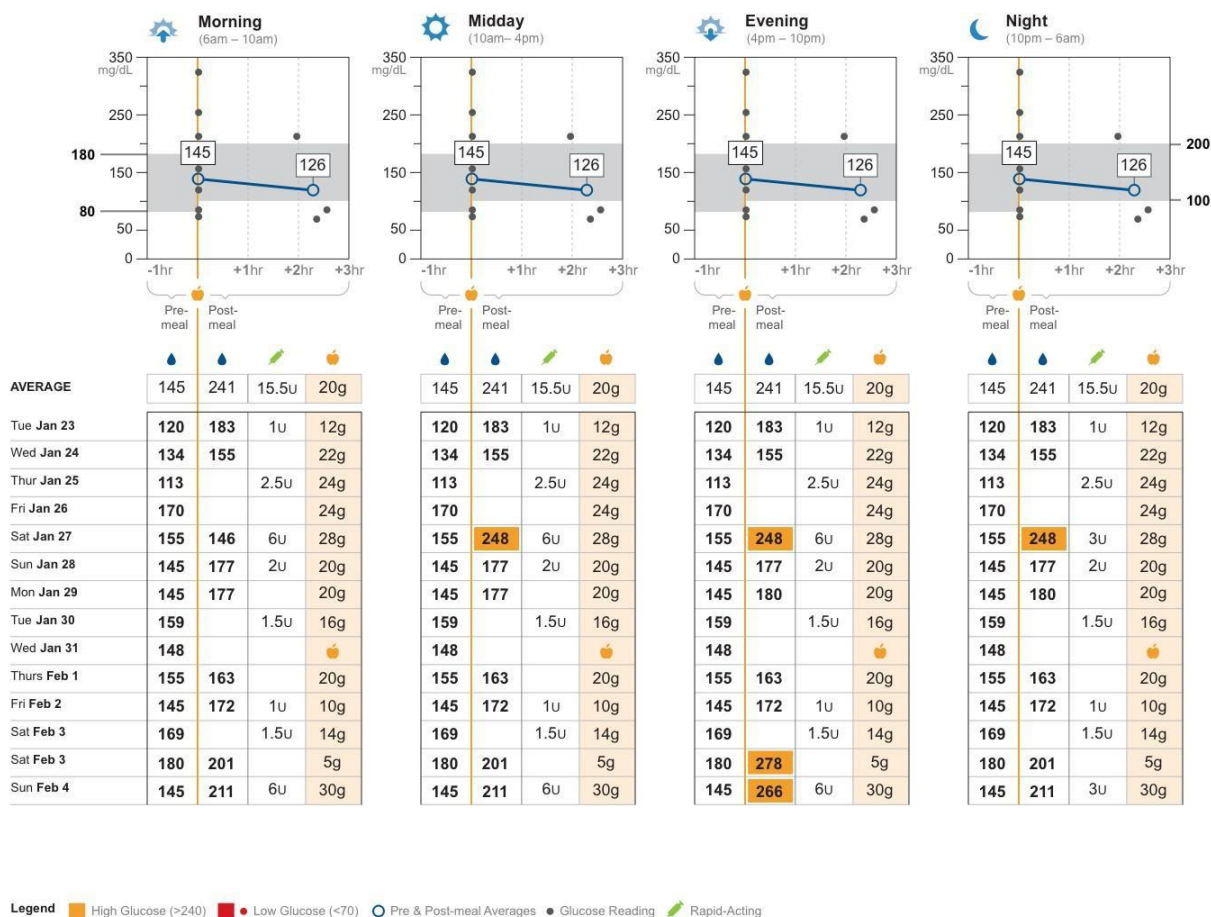
## Mealtime Patterns

Shows glucose, carbohydrate, and insulin data for “typical” meals, based on all meal tags within the 14-day time period. Reveals patterns for patients who log rapid-acting insulin and meal tags on their device.

LibreView

### Mealtime Patterns

January 23, 2019 - February 4, 2019 (14 days)



**Time blocks**—This report breaks out data for different times of day. Each time block represents one-hour pre-meal and three hours post-meal.

**Insulin averages**—Shows the average insulin logged or from a connected insulin pen for each time block on a “typical” day. Also lists a specific meal- by-meal total.

**Settings** – Any calculator settings that are captured by the device. These may not be available in your region.

**Pre- & postprandial glucose**—Highlights average glucose readings pre- and post-mealtimes.



## LibreView

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## LibreView

### Legend

 Low Glucose Events

Sunday

137 mg/dL  
11 111 mg/dL  
16 

High  
208 mg/dL

13 

160 mg/dL

19 

Springfield Clinic  
PHONE: 123-456-7890

Karla F. Brawner  
DOB: 12-12-1955

# The FreeStyle Libre Portfolio Report Set

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## Device Details

The Device Details report shows the device settings at the time of upload and additional device information for the primary glucose device and any connected insulin pens.

### Device Details

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#### Glucose Settings

Target Range	70-180 mg/dL	
Alarm Settings	Low Glucose	Off
	High Glucose	Off
	Signal Loss	Off



Glucose Device  
FreeStyle LibreLink  
  
2.7.0.2  
Software Full Version

OS Version  
iOS 13.7

iPhone 11,8  
SmartPhone Model

Springfield Clinic  
PHONE: (510) 555-1234