

# CONTENTS

LINE 133

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## LINE USAGE

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## About the 133 LINE PROFILE ....

The 133 LINE PROFILE brings together into one report all readily available data which are relative to analysis of Line 133. It is designed to allow evaluation of Line 133 on the basis of: service provided, public utilization of the service, costs of operation and other factors.

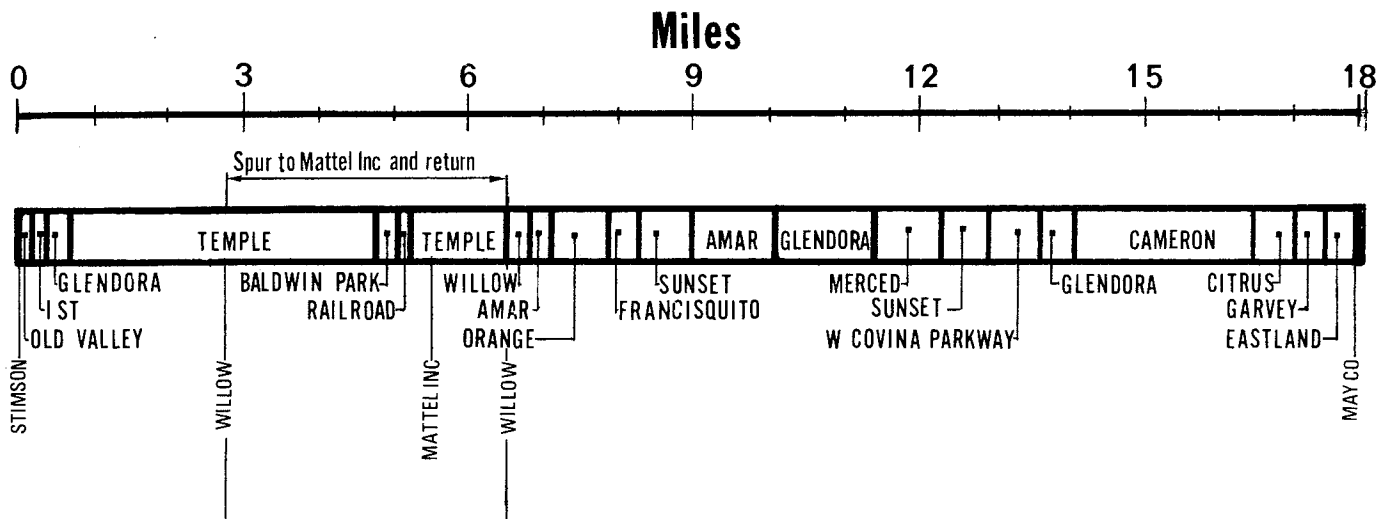
The Ridership Check which was made on Thursday, August 7, 1975, is basic to the 133 LINE PROFILE. All other factors included in this report are those effective on the same date as the ridership check -- August 7, 1975. Thus all sections of the report are for a comparable time period.

The published Supervisor Summary in effect August 7, 1975, was the source for all of the data shown in the "Service" section of the report and also was the basis for the chart showing the number of buses in service under "Cost Factors". All data from the Supervisor Summary is shown for a typical weekday unless otherwise noted. Other data in the "Cost Factors" section originated from various pay time and mileage sheets for the period effective the date of the check. Since August 7 was a school holiday, all data are as of "non-school" days and the cost variables have been annualized based only on non-school day data.

# SERVICE

LINE 133

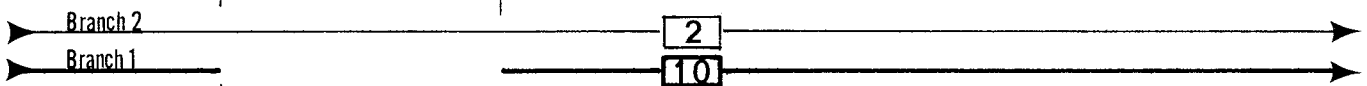
## LINE DIAGRAM



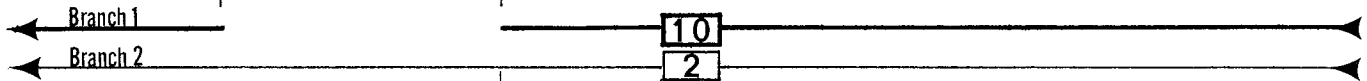
## TRIPS OPERATED (Number per Day)

### Weekdays

#### EASTBOUND

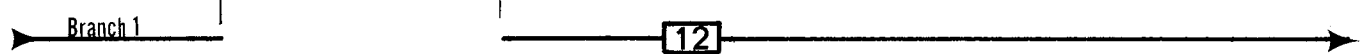


#### WESTBOUND

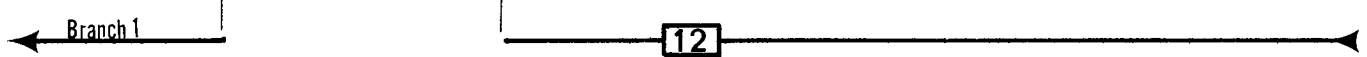


### Saturdays

#### EASTBOUND



#### WESTBOUND

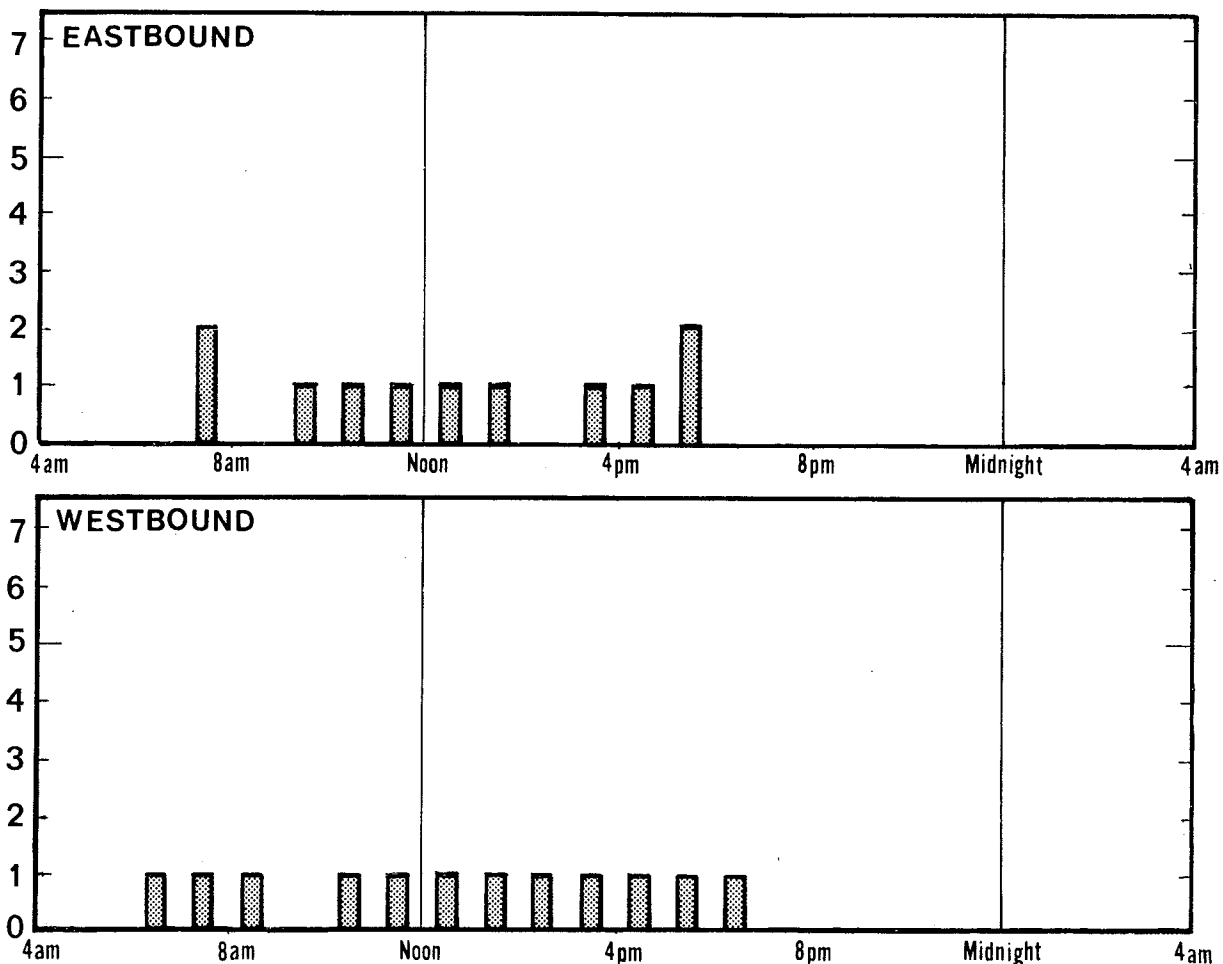


### Sundays & Holidays

No Sunday or Holiday service.

# TRIP FREQUENCY

## Buses per Hour on West Covina Parkway at Sunset Avenue



# RUNNING TIME

	BRANCH 1	BRANCH 2
<b>EASTBOUND - ALL DAY</b>		
Minutes	49	61
<b>WESTBOUND - ALL DAY</b>		
Minutes	49	61

# LINE SERVICE SPREAD

FAR TERMINALS	FIRST DEPARTURE	LAST ARRIVAL
EASTLAND SHOPPING CENTER	6:02 AM	7:14 PM
STIMSON AND OLD VALLEY	6:30 AM	7:16 PM

# LINE USAGE

LINE 133

A Ridership Check was made of Line 133 on Thursday, August 7, 1975. The check consisted of checkers riding on all trips during the day of the check and recording various data. Among the data recorded were the number of passengers boarding and alighting at each stop along the route in each direction. This data has been summarized and plotted on the Line Usage graphs on succeeding pages.

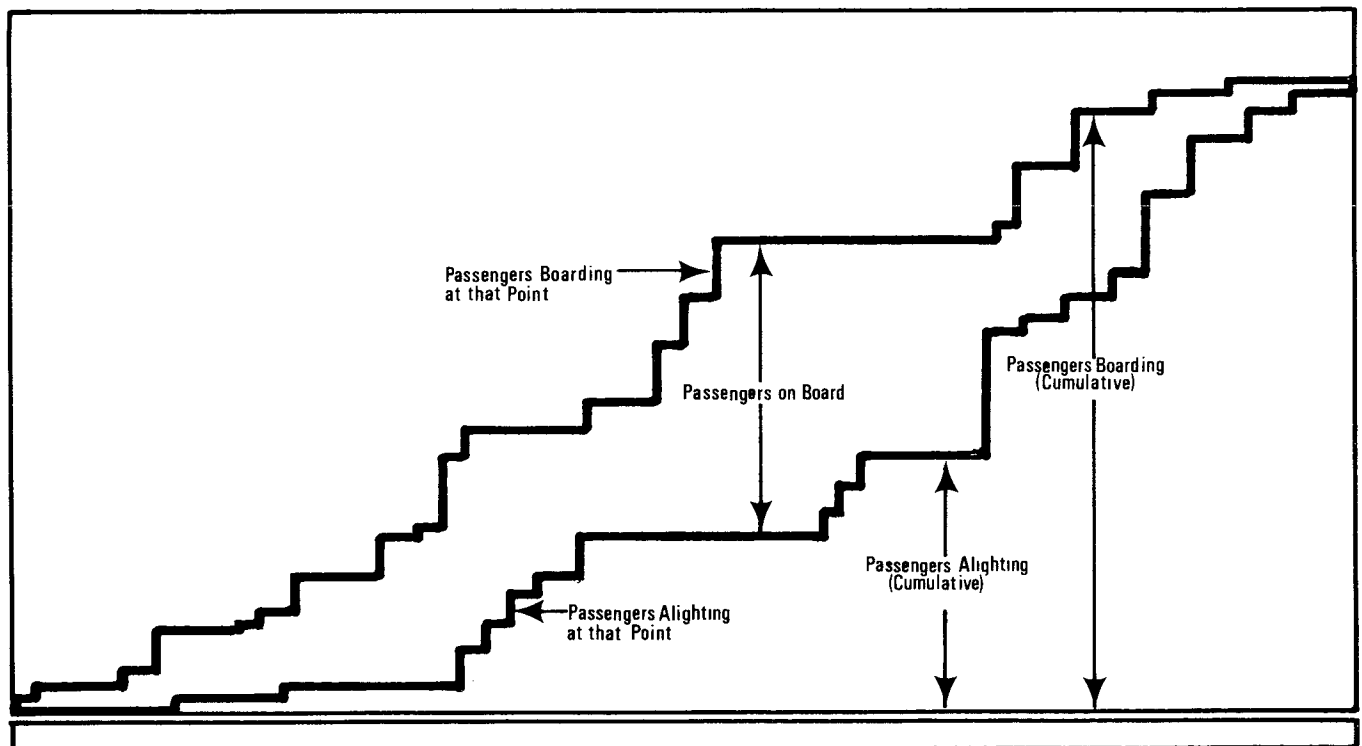
Each of the graphs represent an average trip during a particular time period on August 7, 1975. The grouping of the trips into time periods is accomplished by establishing one Alignment Point for each direction the Line travels. An Alignment Point is a point at which a time check is made. Data for all trips passing by this point during a particular time period are aggregated and averaged for comparability and plotting. The Alignment Point for both the Eastbound and Westbound trips on Line 133 was Amar and Hacienda.

Line 133 Eastbound trips have been plotted from left to right on the Line Usage graphs and Westbound trips from right to left, and they should be read accordingly.

The top curve in all graphs represents passengers boarding. Measuring from the bottom of the graph to any point on the top curve will yield the number of passengers who have boarded from the beginning of the Line to that point on the route. Any portion of the top curve which is vertical is a measurement of the number of passengers boarding at that point only.

Similarly, the bottom curve in all graphs represents passengers alighting; and measuring from the bottom of the graph to any point on the bottom curve will show the number of passengers who have alighted from the beginning of the Line to that point on the route. Here too, any portion of the bottom curve which is vertical is a measurement of the number of passengers alighting only at that point.

The passengers on board at any point of the Line is the vertical difference between the top curve (passengers boarding) and bottom curve (passengers alighting).



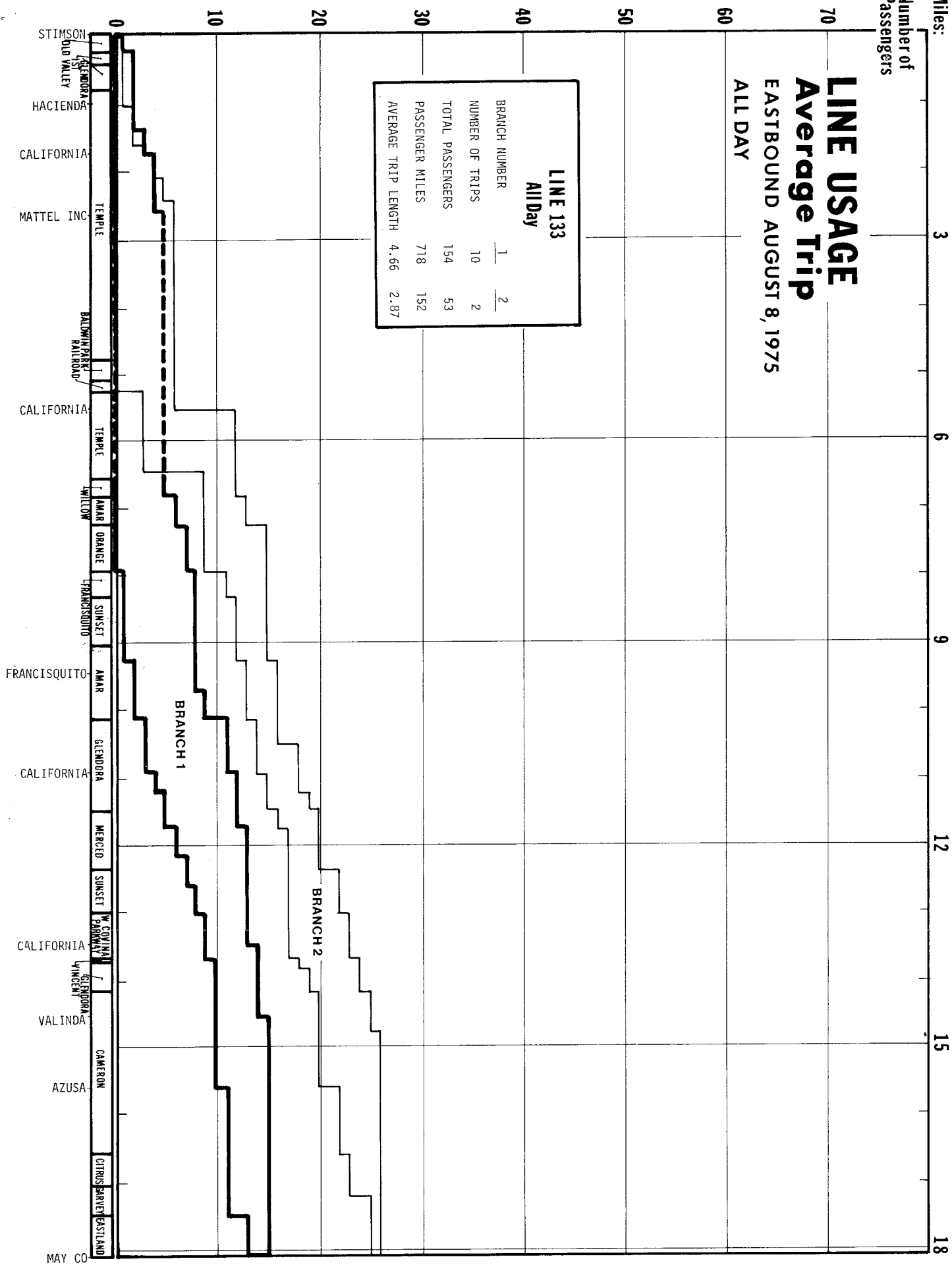
Miles: 0 10 20 30 40 50 60 70  
 Number of Passengers

# LINE USAGE

## Average Trip

EASTBOUND AUGUST 8, 1975  
 ALL DAY

LINE 133 All Day			
BRANCH NUMBER	1	2	
NUMBER OF TRIPS	10	2	
TOTAL PASSENGERS	154	53	
PASSENGER MILES	718	152	
AVERAGE TRIP LENGTH	4.66	2.87	



BRANCH 1

BRANCH 2

Miles: 3 6 9 12 15 18

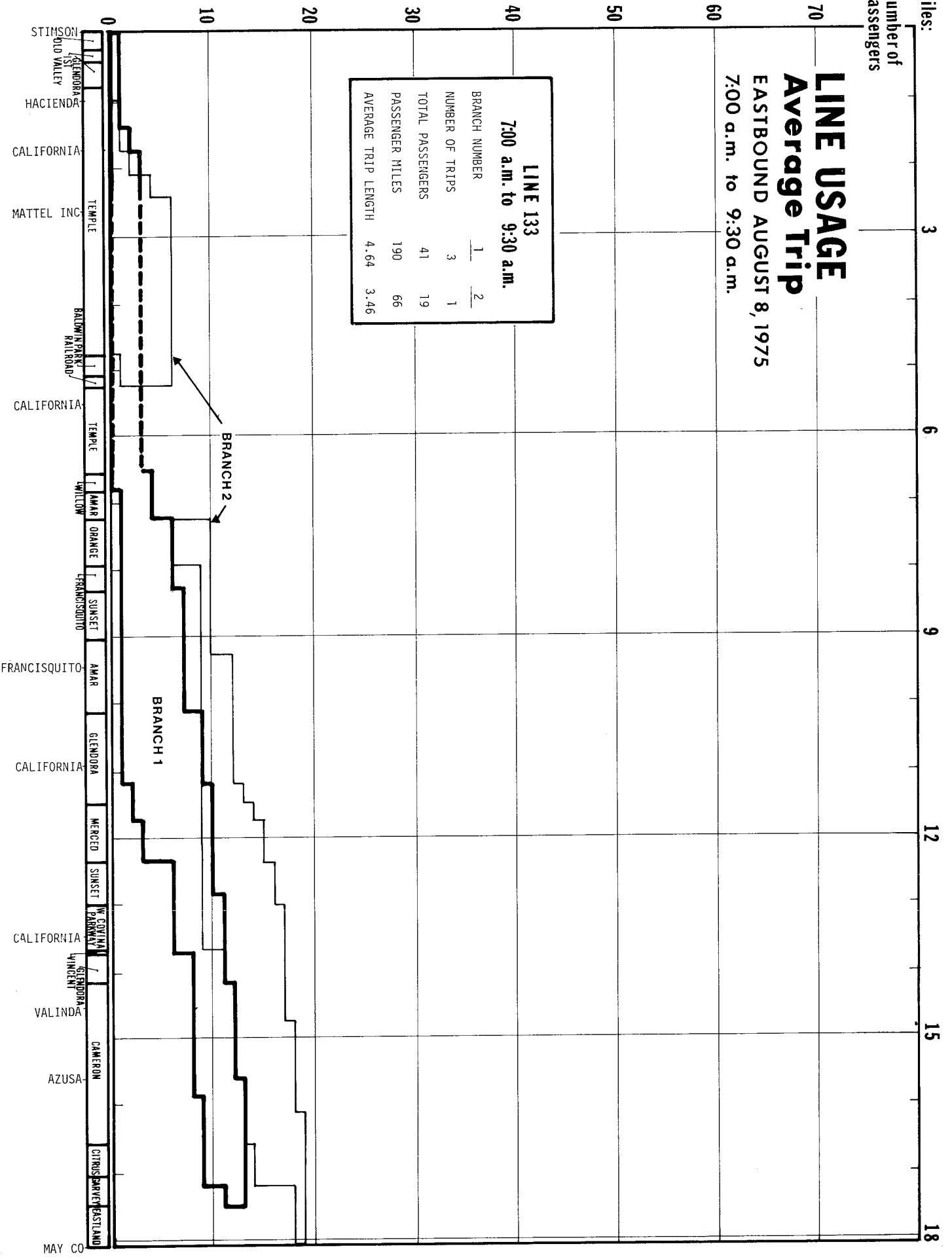
Number of Passengers

# LINE USAGE

## Average Trip

EASTBOUND AUGUST 8, 1975  
7:00 a.m. to 9:30 a.m.

<b>LINE 133</b>			
<b>7:00 a.m. to 9:30 a.m.</b>			
BRANCH NUMBER	1	2	
NUMBER OF TRIPS	3	1	
TOTAL PASSENGERS	41	19	
PASSENGER MILES	190	66	
AVERAGE TRIP LENGTH	4.64	3.46	



Miles: 0 10 20 30 40 50 60 70

Number of Passengers

# LINE USAGE

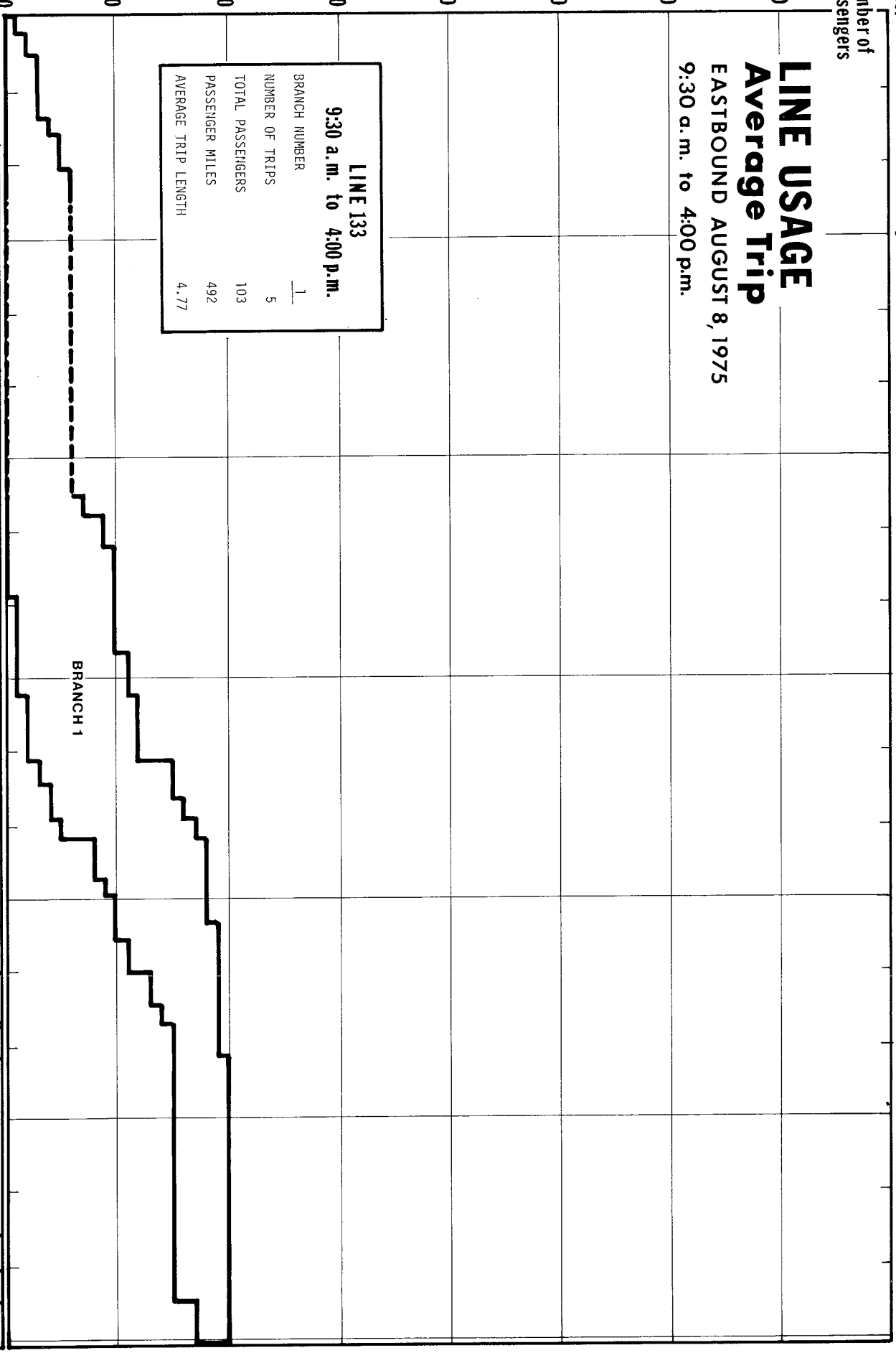
## Average Trip

EASTBOUND AUGUST 8, 1975  
9:30 a.m. to 4:00 p.m.

**LINE 133**  
9:30 a.m. to 4:00 p.m.

BRANCH NUMBER	1
NUMBER OF TRIPS	5
TOTAL PASSENGERS	103
PASSENGER MILES	492
AVERAGE TRIP LENGTH	4.77

STIMSON  
GLENDORA  
OLD VALLEY  
HACIENDA  
CALIFORNIA  
MATTEL INC  
TEMPLE  
BALDWIN PARK  
RALPHAD  
CALIFORNIA  
TEMPLE  
WILLOW  
AMAR  
ORANGE  
FRANCISQUITO  
FRANCISQUITO  
SUNSET  
AMAR  
FRANCISQUITO  
CALIFORNIA  
GLENDORA  
MERCED  
SUNSET  
CALIFORNIA  
W. COVINA  
PARKWAY  
CALIFORNIA  
VINCENT  
GLENDORA  
VALINDA  
CAMERON  
AZUSA  
CITRUS  
RIVER  
EASTLAND  
MAY CO

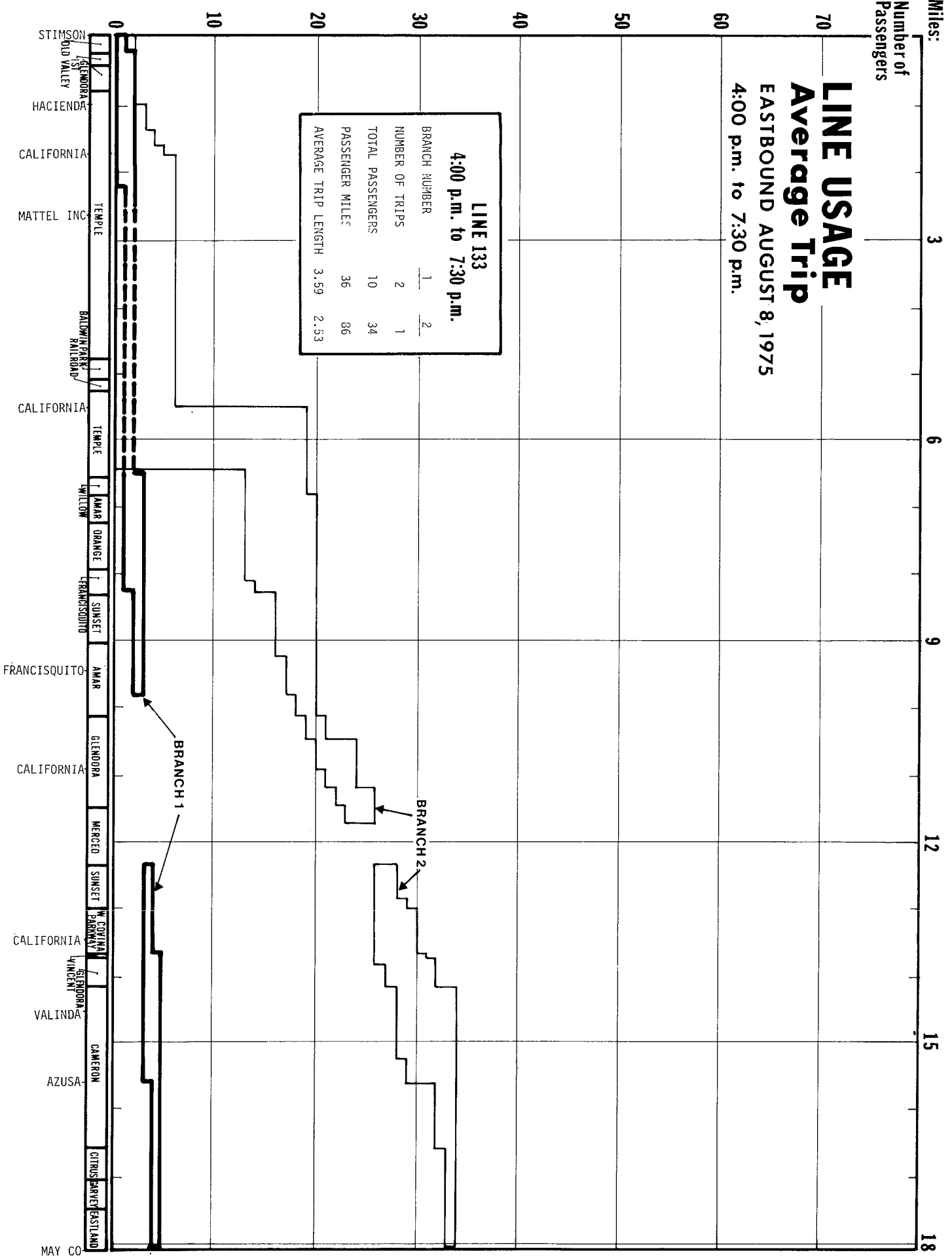


Miles:  
Number of  
Passengers

# LINE USAGE Average Trip

EASTBOUND AUGUST 8, 1975  
4:00 p.m. to 7:30 p.m.

LINE 133 4:00 p.m. to 7:30 p.m.	
BRANCH NUMBER	1 2
NUMBER OF TRIPS	2 1
TOTAL PASSENGERS	10 34
PASSENGER MILES	36 86
AVERAGE TRIP LENGTH	3.59 2.53



STIMSON  
ALHAMBRA  
OLD VALLEY  
HACIENDA  
CALIFORNIA  
MATTEL INC  
TEMPLE  
BALDWIN PARK  
HAYLIND  
CALIFORNIA  
TEMPLE  
WILLOW  
AMAR  
ORANGE  
FRANCSQUITO  
FRANCSQUITO  
AMAR  
CALIFORNIA  
GLENDOVA  
MERCED  
SUNSET  
CALIFORNIA  
COTINA  
PARANET  
AGUADORA  
VINCENT  
VALINDA  
CAMERON  
AZUSA  
CITRUS PARK  
EASTLAND  
MAY CO

BRANCH 1

BRANCH 2

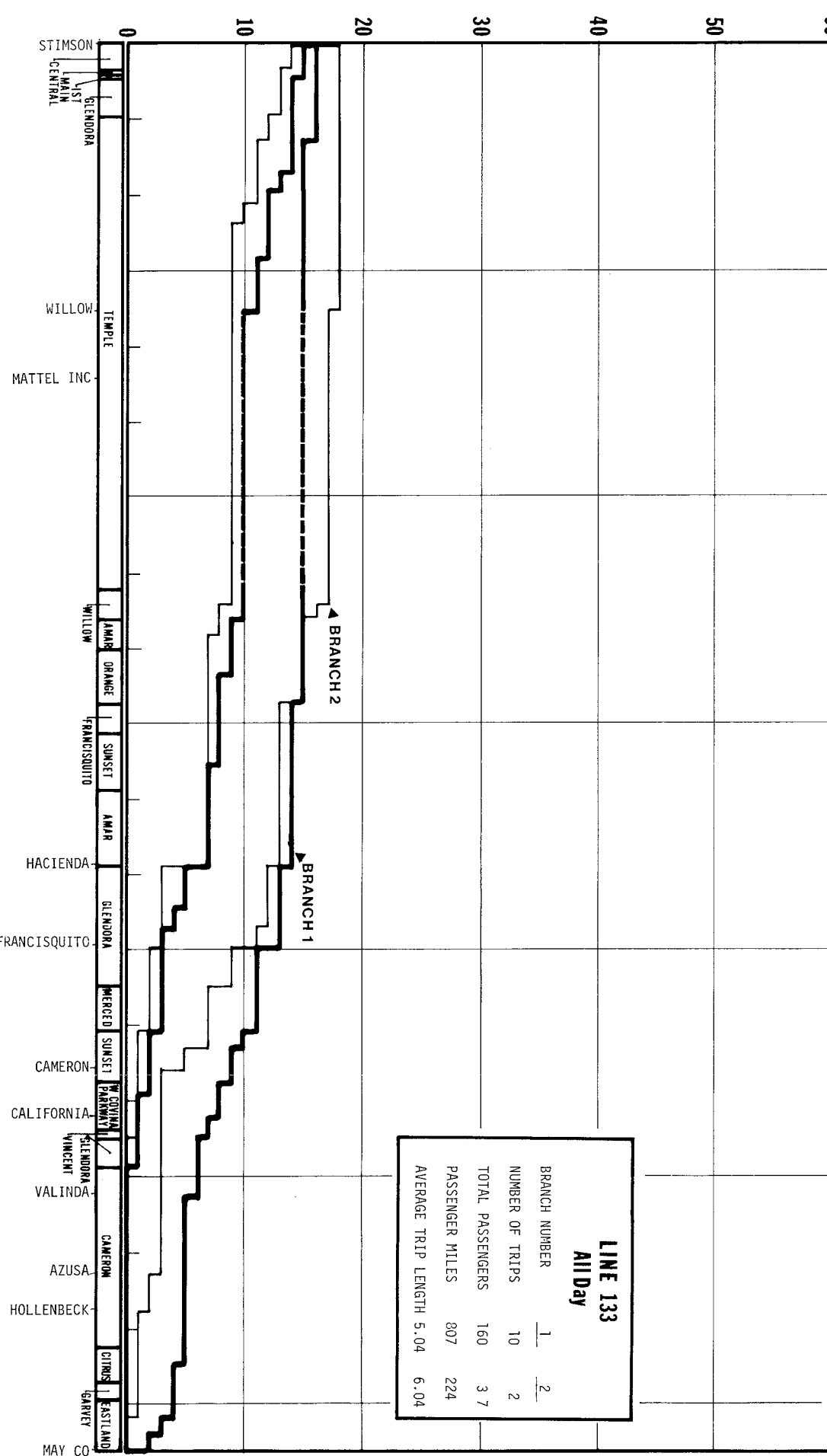


Miles: 0 10 20 30 40 50 60 70  
 Number of Passengers

# LINE USAGE Average Trip

WESTBOUND AUGUST 8, 1975

ALL DAY



LINE 133 All Day		
BRANCH NUMBER	1	2
NUMBER OF TRIPS	10	2
TOTAL PASSENGERS	160	37
PASSENGER MILES	807	224
AVERAGE TRIP LENGTH	5.04	6.04

Miles: 0 10 20 30 40 50 60 70

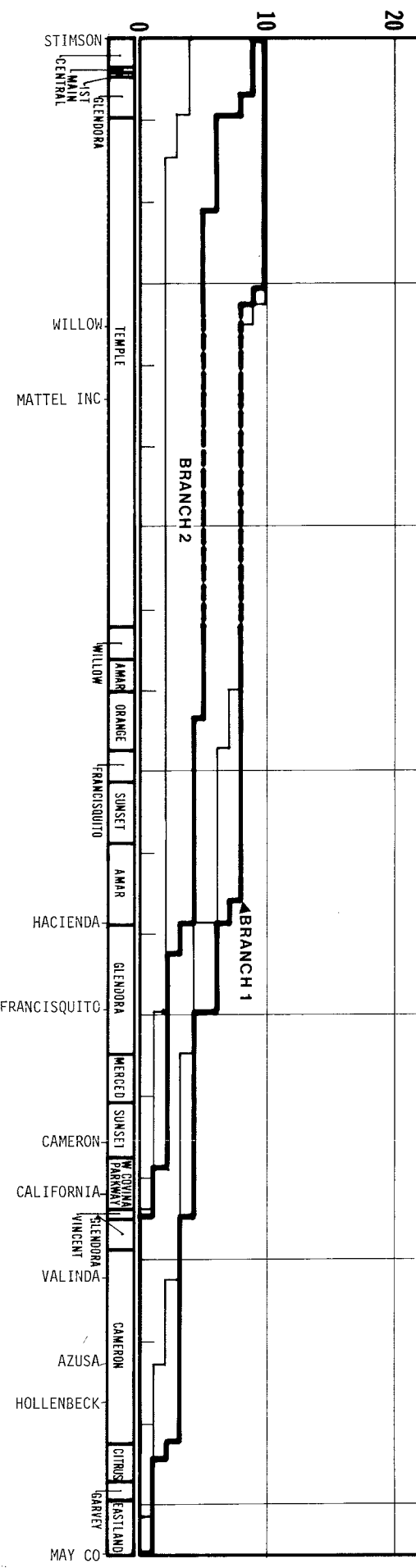
Number of Passengers

# LINE USAGE Average Trip

WESTBOUND AUGUST 8, 1975

6:30 a.m. to 9:30 a.m.

<b>LINE 133</b>	
<b>6:30 a.m. to 9:30 a.m.</b>	
BRANCH NUMBER	1 2
NUMBER OF TRIPS	2 1
TOTAL PASSENGERS	20 10
PASSENGER MILES	91 78
AVERAGE TRIP LENGTH	4.56 7.83



STIMSON  
CENTRAL  
MAIN  
VST  
GLENORA  
WILLOW  
TEMPLE  
MATTI INC  
BRANCH 2  
WILLOW  
AMAR  
ORANGE  
FRANCISQUITO  
SUNSET  
AMAR  
HACIENDA  
BRANCH 1  
GLENORA  
FRANCISQUITO  
MERCED  
SUNSET  
CAMERON  
CALIFORNIA  
VINCENT  
GLENORA  
VALINDA  
CAMERON  
AZUSA  
HOLLENBECK  
CITRUS  
GARVEY  
MAY CO

Miles: 0 10 20 30 40 50 60 70

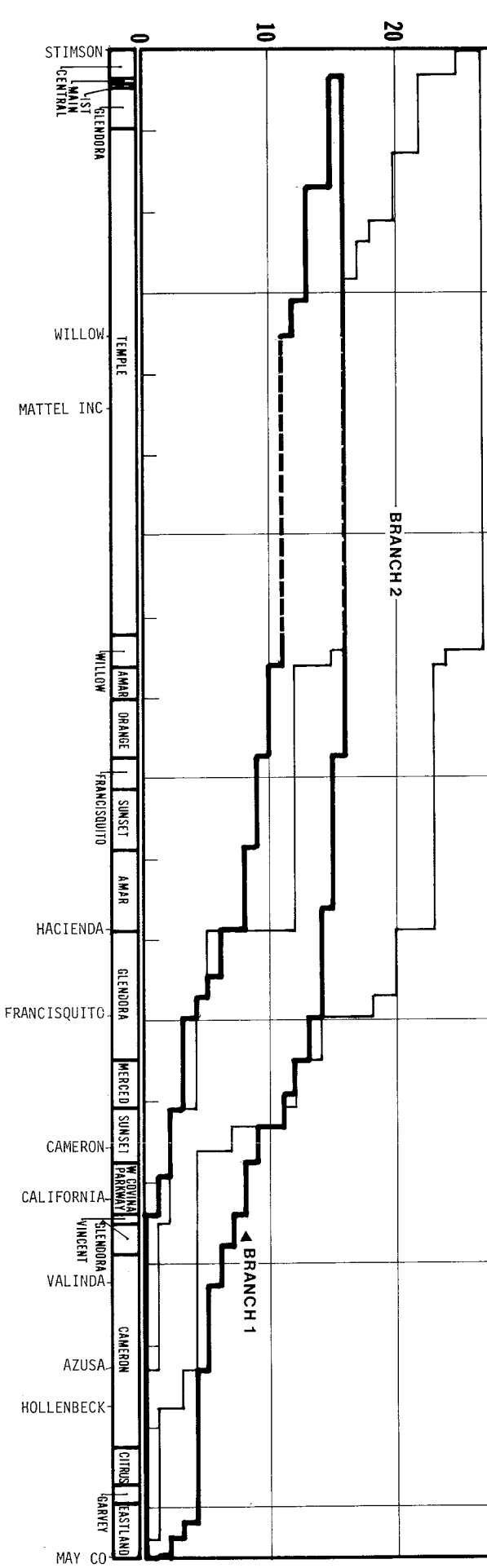
Number of Passengers

# LINE USAGE Average Trip

WESTBOUND AUGUST 8, 1975

9:30 a.m. to 4:30 p.m.

LINE 133	
9:30 a.m. to 4:30 p.m.	
BRANCH NUMBER	1 2
NUMBER OF TRIPS	5 1
TOTAL PASSENGERS	84 27
PASSENGER MILES	408 145
AVERAGE TRIP LENGTH	4.85 5.38



Miles: 0 10 20 30 40 50 60 70

Number of Passengers

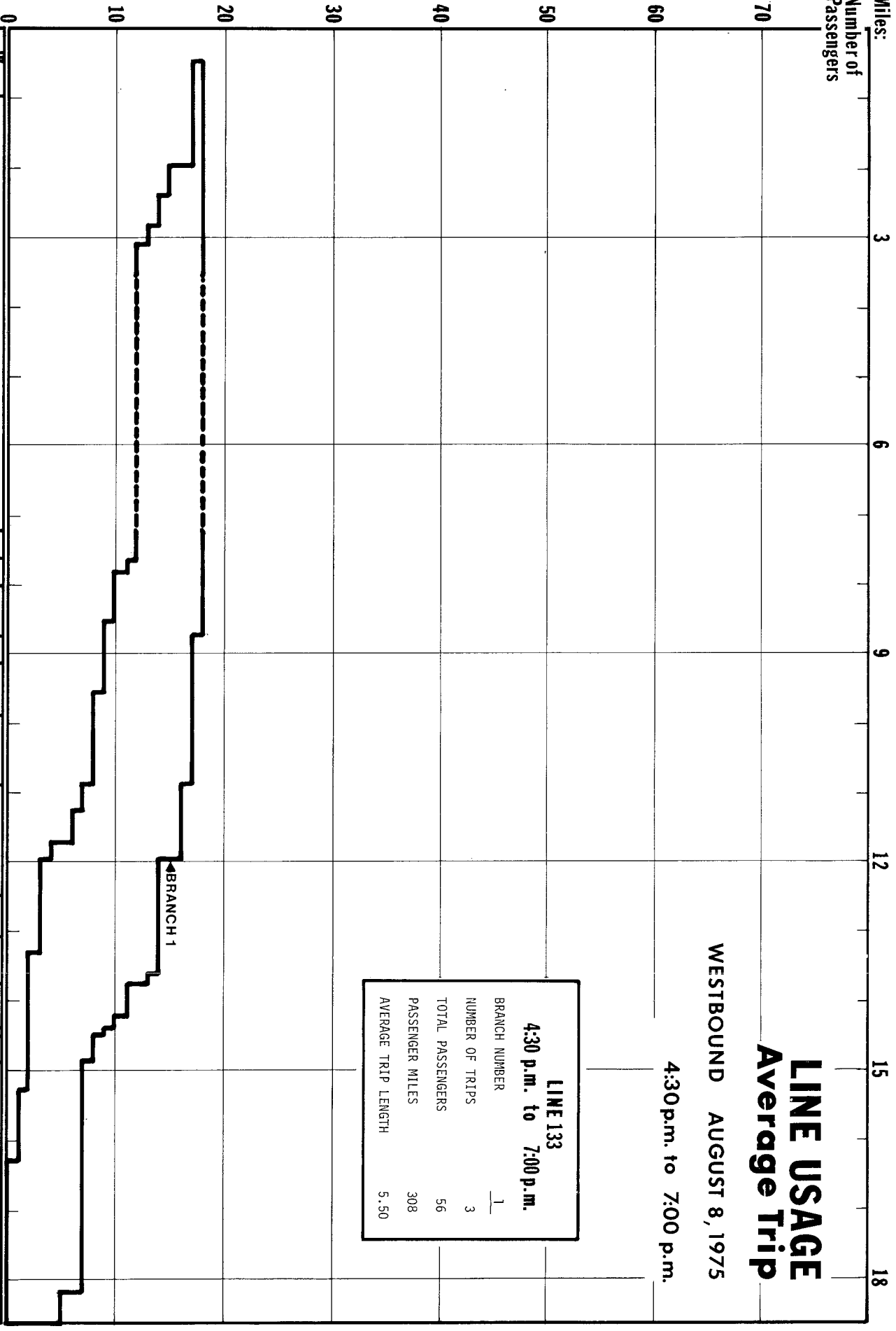
# LINE USAGE Average Trip

WESTBOUND AUGUST 8, 1975

4:30 p.m. to 7:00 p.m.

<b>LINE 133</b>	
<b>4:30 p.m. to 7:00 p.m.</b>	
BRANCH NUMBER	1
NUMBER OF TRIPS	3
TOTAL PASSENGERS	56
PASSENGER MILES	308
AVERAGE TRIP LENGTH	5.50

STIMSON  
 WEST  
 MAIN  
 CENTRAL  
 GLENDORA  
 WILLOW  
 TEMPLE  
 MATTEL INC  
 WILLLOW  
 AMAR  
 ORANGE  
 FRANCISQUITO  
 SUNSET  
 AMAR  
 HACIENDA  
 GLENDORA  
 FRANCISQUITO  
 MERCED  
 SUNSET  
 CAMERON  
 TO GOWAN  
 CALIFORNIA  
 FRANCISQUITO  
 VALINDA  
 GLENDORA  
 VINCENT  
 CAMERON  
 AZUSA  
 HOLLENBECK  
 CITRUS  
 EASTLAND  
 CARVER  
 MAY CO



# COST FACTORS

LINE 133

DAILY AVERAGE			ANNUAL TOTAL	INDEX
WEEKDAYS	SATURDAYS	SUNDAYS & HOLIDAYS		

## TIME VARIABLES

SCHEDULED VEHICLE HOURS: IN SERVICE  
TOTAL

SCHEDULED DRIVER PAY HOURS  
ACTUAL DRIVER PAY HOURS

20	20	NO	6,140	67.1
27	25		8,185	89.4
30	29		9,158	100.0
30	29		9,153	100.0

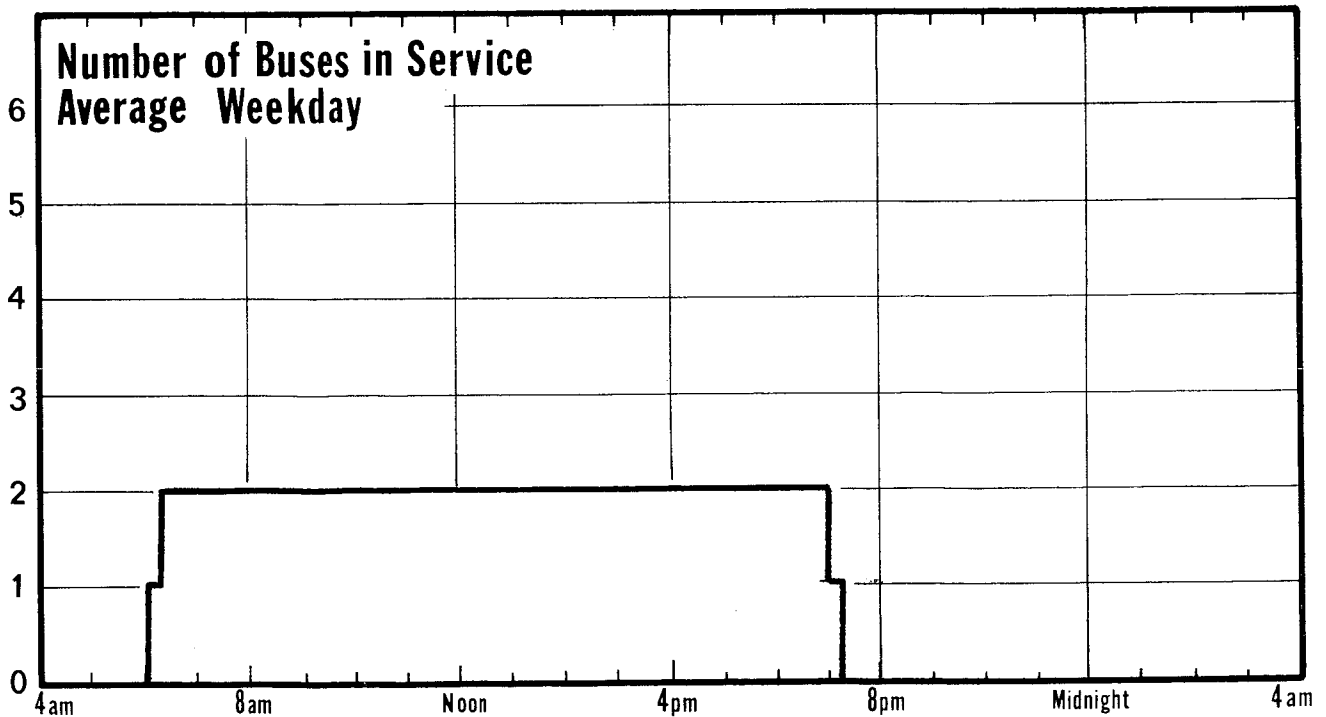
## MILEAGE VARIABLES

SCHEDULED VEHICLE MILES: IN SERVICE  
TOTAL

ACTUAL VEHICLE MILES

322	322	SERVICE	98,854	82.4
393	379		119,923	100.0
395	383		120,641	100.6

## EQUIPMENT PROFILE



**TOTAL ANNUAL LINE COST**

**\$143,354**