

COUNTY OF SACRAMENTO

DEPARTMENT OF AIRPORTS

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SACRAMENTO, CALIFORNIA 95837 CITY OF SACRAMENTO
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DIRECTOR OF AIRPORTS
George W. McLaughlin

October 28, 1980

Sacramento City Council
City Hall
915 I Street
Sacramento, California 95814

Members in Session:

Please find attached the Department of Airports' memorandum to the Board of Supervisors summarizing aircraft activity and noise monitoring at Executive Airport during the third quarter of 1980.

The Department of Airports requests that the fourth quarter 1980 noise monitoring report for Executive Airport be placed on the agenda for January 20, 1981.

Sincerely,

G. W. McLaughlin
George W. McLaughlin
Director of Airports

LEK:ab

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By the City Council
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REJECTED Attachment
BY THE CITY COUNCIL
OFFICE OF THE
CITY CLERK

OCT 28 1980

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October 21, 1980

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CITY OF SACRAMENTO
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TO: Board of Supervisors

FROM: Department of Airports

SUBJECT: EXECUTIVE AIRPORT - DEVELOPMENT - THIRD QUARTER NOISE
MONITORING REPORT (JULY, AUGUST AND SEPTEMBER, 1980)

NOISE MONITORING

In accordance with Recommendation 66 of the Executive Airport Master Plan, the Department of Airports has established a noise monitoring program at Sacramento Executive Airport. Noise monitors and computers have been located on the north and south perimeter of Executive Airport to record and evaluate noise in the vicinity of Runway 02 and 20.

On September 30, 1980, materials fabrication for placement and security of a noise monitoring station at the west perimeter of Executive Airport in the vicinity of Runway 12 (departures on Runway 30) was completed. Equipment set-up, calibration, and preliminary testing has been initiated and it is expected that the third monitoring site will be on line by the end of October, 1980.

The attached material (Exhibit A, B and C) identifies Community Noise Equivalent Levels (CNEL) for each 24-hour period during the months of July, August and September as recorded near the north and south boundaries of Executive Airport. The critical noise level of 65 CNEL as set forth in the California Noise Regulations is also illustrated on these exhibits.

Table 1 summarizes noise monitoring results at Executive Airport during the third quarter of 1980. The 65-CNEL was exceeded on 22 occasions at Site #1 (south boundary) and on 13 occasions at Site #2 (north boundary) during this 92-day period.

AIRCRAFT NOISE ORDINANCE FOR EXECUTIVE AIRPORT

During the summer of 1979 the Department of Airports, with assistance from County Counsel's Office, drafted a preliminary noise ordinance for Executive Airport to restrict noisy aircraft from using Executive Airport. After numerous meetings with City and County staff, policy-makers and interested parties, a noise ordinance was finalized and submitted to the Board of Supervisors and the City Council.

On September 2, 1980 the Sacramento City Council adopted City Ordinance No. 4412, Executive Airport Noise Restrictions, limiting use of the airport to aircraft with an FAA certified or estimated take-off noise level of 80 EPNdB or less. The Board of Supervisors adopted a similar noise ordinance on September 25, 1980.

The Department of Airports is currently reviewing ordinance enforcement procedures and documentation with County Counsel to assure proper format in the issuance of citations to persons operating aircraft in violation of the 80 EPNdB rule. Additionally, the Department of Airports has initiated a notification program designed to inform the widest possible population of aircraft operators who may be effected by the recently approved noise ordinance.

Implementation and enforcement of the noise ordinance will significantly reduce the number of complaints resulting from noisy aircraft and also reduce the 24-hour CNEL at Executive Airport.

RECOMMENDATION:


The Department of Airports be directed to report back on January 20, 1981 regarding noise levels for the fourth quarter of 1980 at Executive Airport.

Respectfully submitted,


George W. McLaughlin
Director of Airports

GWM:ew

I concur:


Brian H. Richter
County Executive

cc: City Council
County Executive
Assistant County Executive
Department of Airports (3)
Executive Airport Advisory Committee
County Counsel

TABLE 1
 CNEL SUMMARY
 Third Quarter 1980

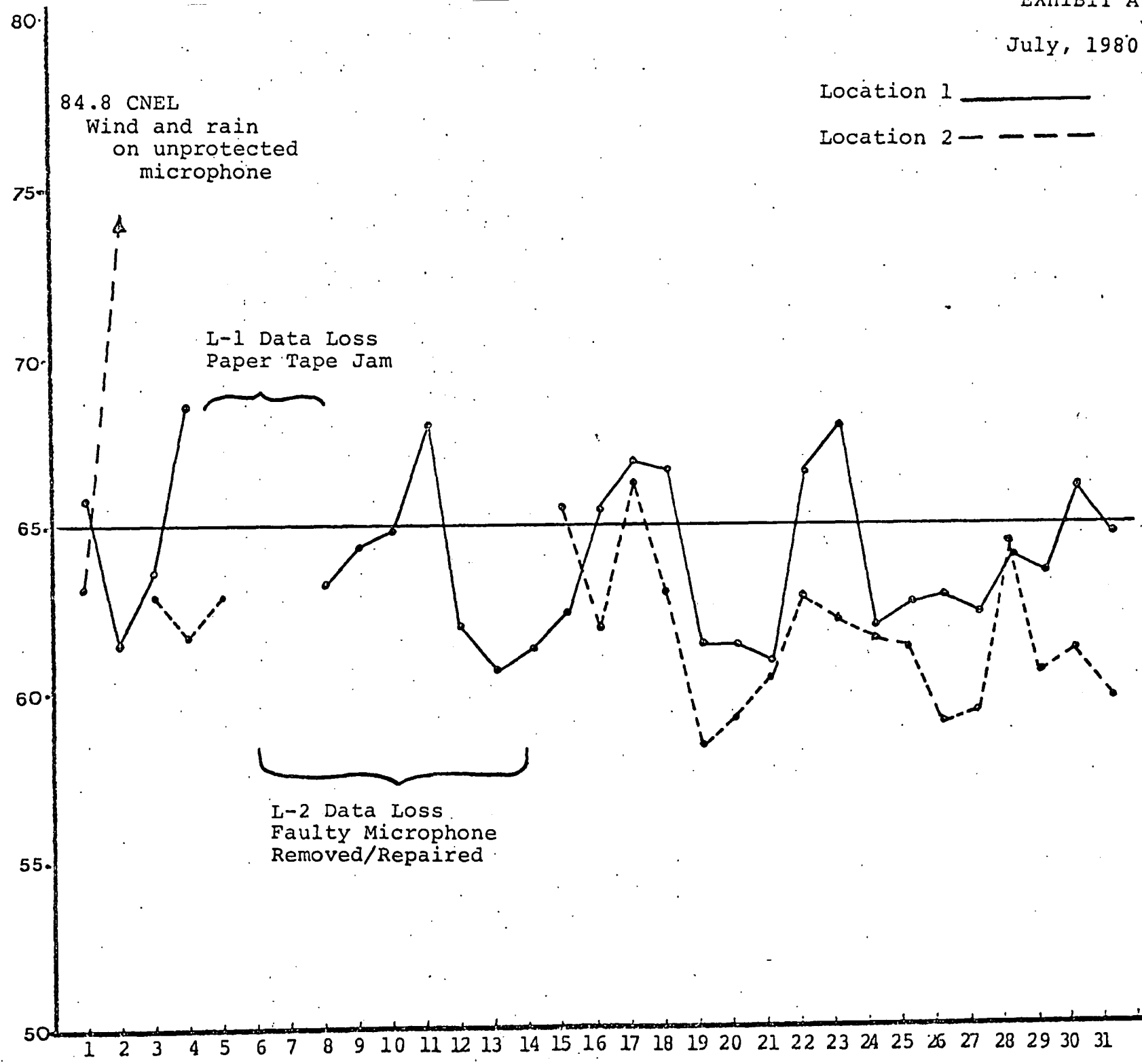
AVERAGE CNEL

	<u>July</u>	<u>August</u>	<u>September</u>	<u>3rd Qtr.</u>
Location 1	64.5	65.3	64.4	64.8
Location 2	62.3	64.7	62.7	63.4

DAYS EXCEEDING 65-CNEL

	<u>July</u>	<u>August</u>	<u>September</u>
Location 1	9	10	3
Location	<u>2</u>	<u>8</u>	<u>3</u>
TOTAL	11	18	6
	(23% occurrence)	(30% occurrence)	(11% occurrence)

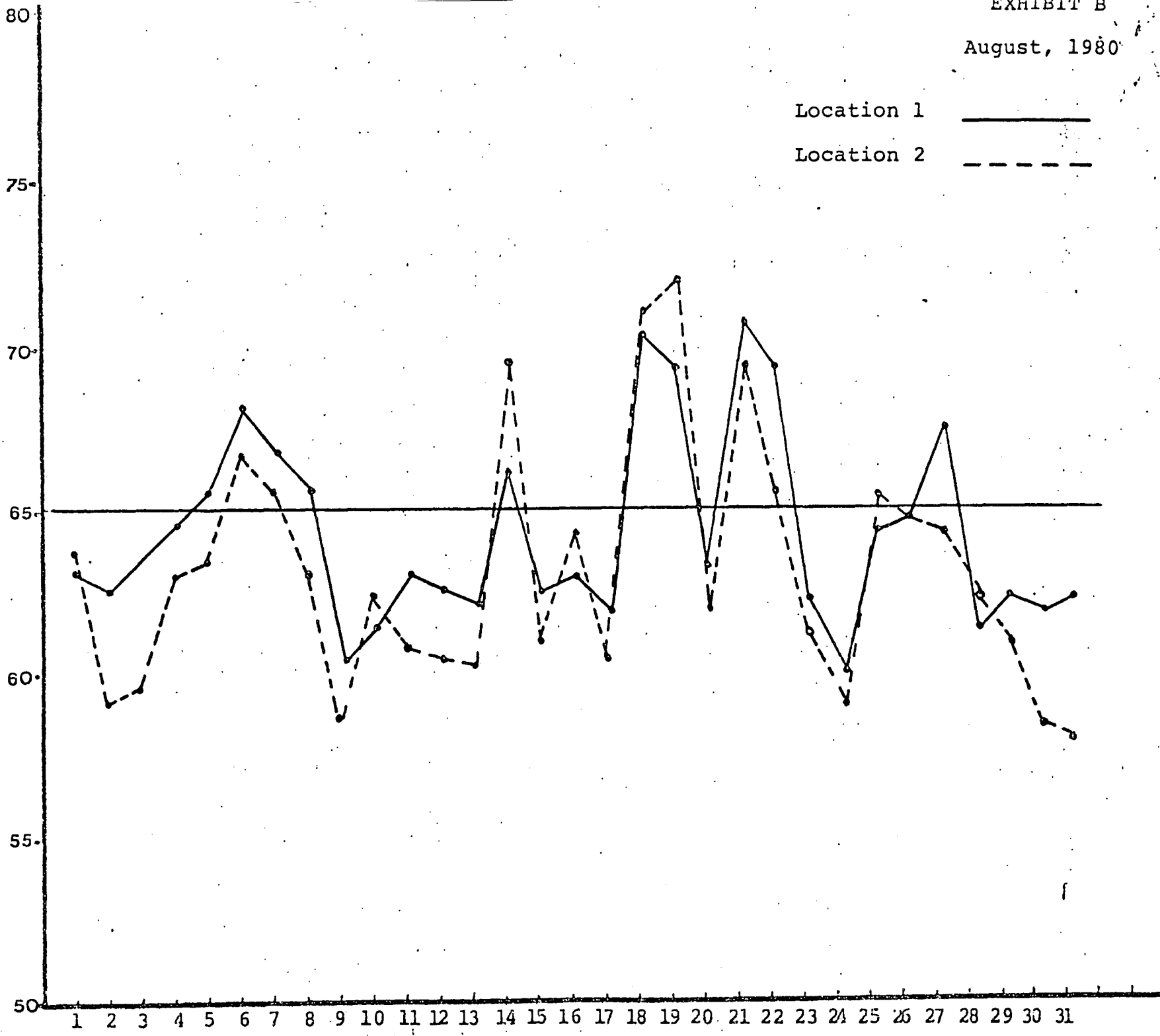
24 HOUR COMMUNITY NOISE EQUIVALENT LEVEL (CNEL)



August, 1980

24 HOUR COMMUNITY NOISE EQUIVALENT LEVEL (CNEL)

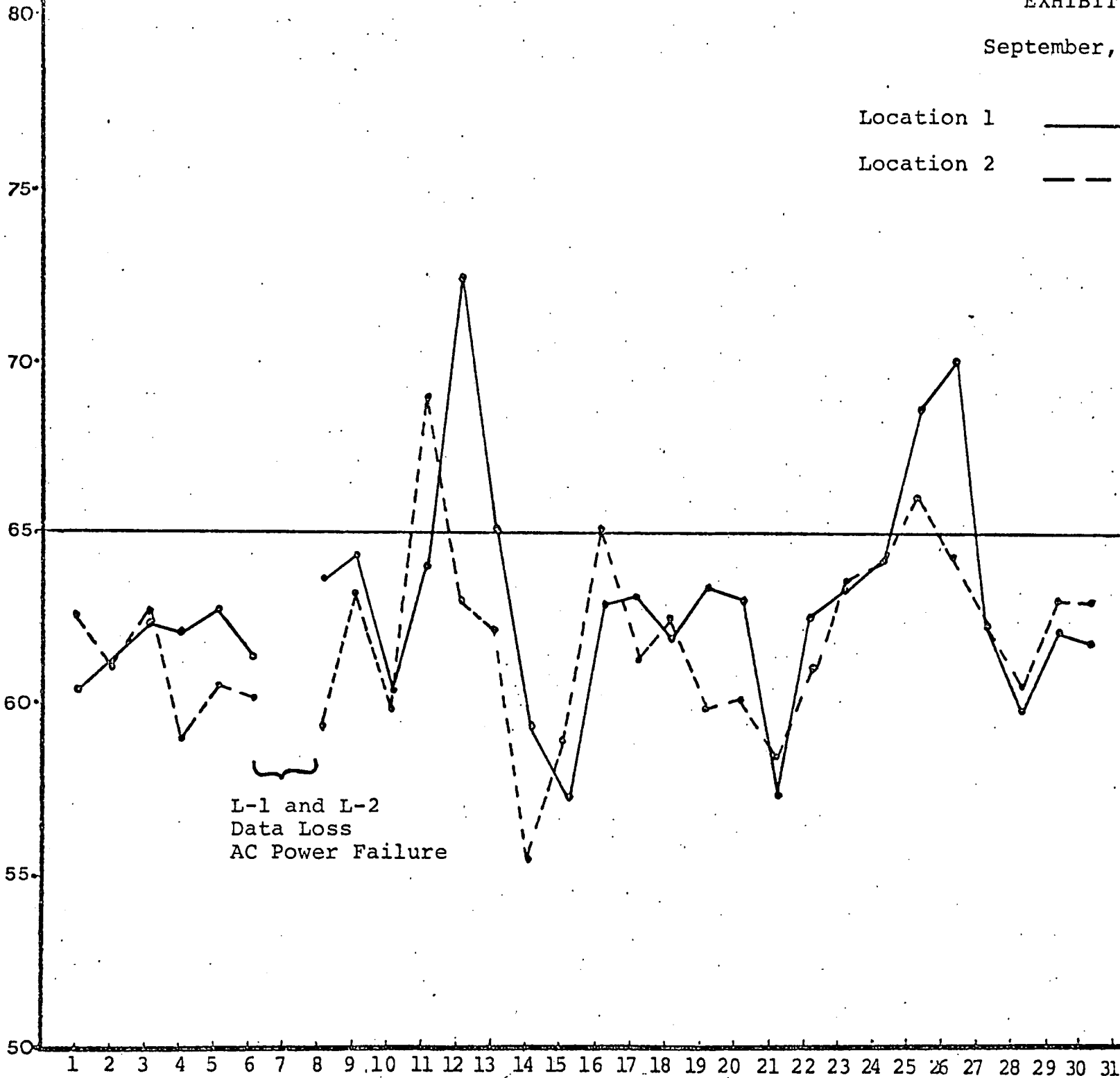
Location 1 ———
Location 2 - - - -



September, 1980

24 HOUR COMMUNITY NOISE EQUIVALENT LEVEL (CNEL)

Location 1 _____
Location 2 - - - - -



L-1 and L-2
Data Loss
AC Power Failure