THE IMPACT OF TRANSPORT FROM THE SOUTH COAST AIR BASIN ON OZONE LEVELS IN THE SOUTHEAST DESERT AIR BASIN

VOLUME 3 -TRACER DATA

APPENDICES A and B

TEST 1: CONDUCTED JULY 9-10, 1981
TEST 2: CONDUCTED JULY 14-15, 1981

Report Prepared for the California Air Resources Board

by

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October 16, 1981

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Summary of Release Information

for The Los Angeles-Desert Tracer Studies

Conducted July 9, 1981 through August 12, 1981

	Release Location	Date	Release Time PDT	Release Rate lbs/hr	Release Rate gr/sec
1.	Culver City	7/ 9/81	0600-1000	103	13.0
2.	Newhall Pass	7/14/81	1100-1500	78	9.9

Sample Count

for The Los Angeles-Desert Tracer Studies

Conducted July 9, 1981 through July 15, 1981

Test #	Sampling Method	# of Samples
Test 1	Automatic Samplers	491
	Automobile Traverses	1260
	Airplane Samples	875
	Grab Samples	96
Total number of samples for Test 1		2722
Test 2	Automatic Samples	540
	Automobile Traverses	1084
	Airplane Samples	452
	Grab Samples	66
Total number of samples for Test 2		2142
Final Total		4864

Appendix A1

Hourly Averaged Tracer Data for Fixed Sites

for

Test 1

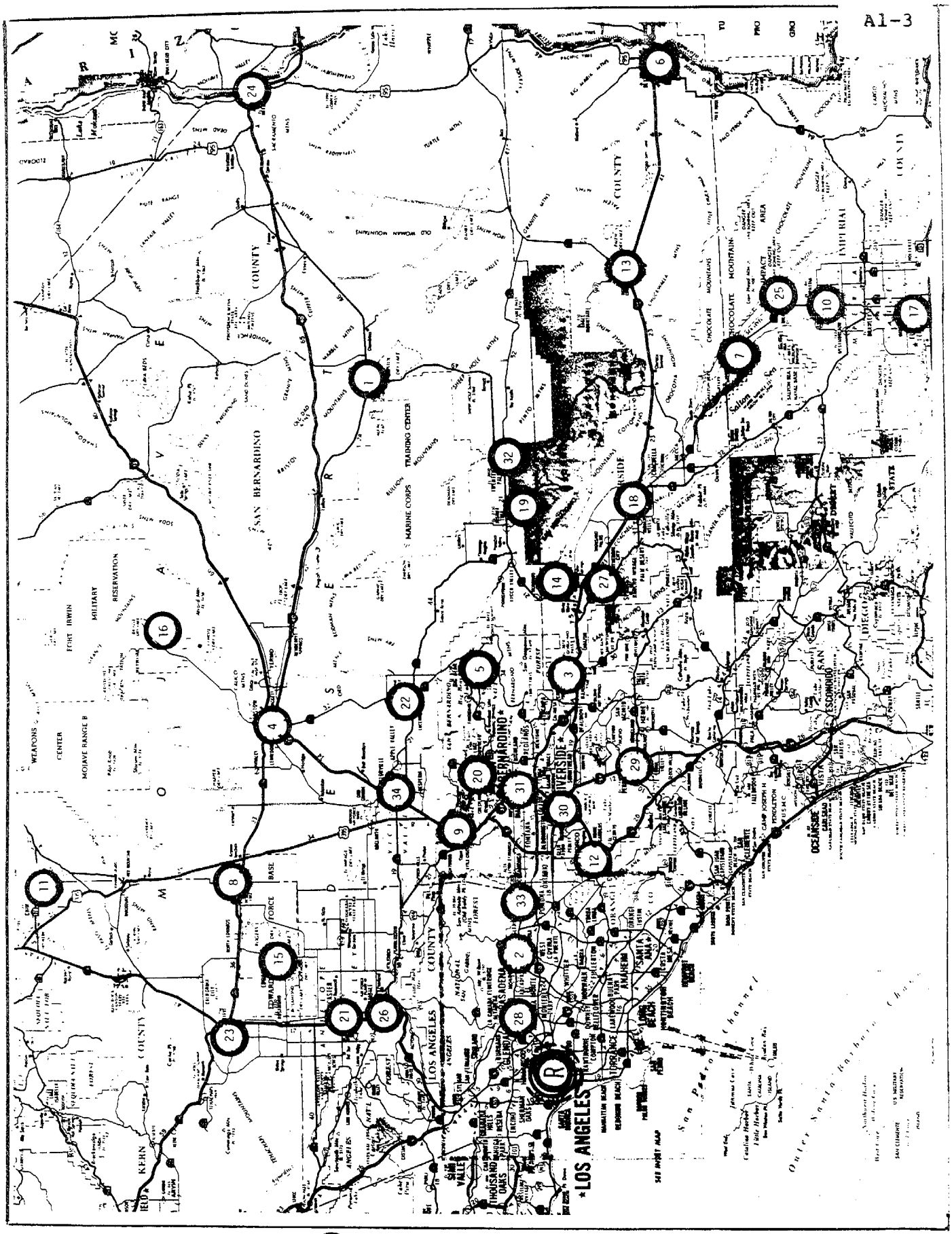
Conducted Starting July 9, 1981

Los Angeles-Desert Fie Study

July-August 1981

Board Sites

	Location	Abbreviation
1.	Amboy	AMBO
2.	Azusa	AZUS
3.	Banning	BANN
4.	Barstow	BARS
5.	Big Bear	BI B
6.	Blythe	BLYT
7.	Bombay Beach	BO B
8.	Boron	BORO
9.	Cajon Pass	CAJO
10.	Calipatria	CALI
11.	China Lake	CH L
12.	Corona	CORO
13.	Desert Center	DE C
14.	Desert Hot Springs	DHSP
15.	Edwards Air Force Base	EAFB
16.	Fort Irwin	FT I
17.	Imperial Airport	I AP
18.	Indio	INDI
19.	Joshua Tree	J TR
20.	Lake Arrowhead	L AR
21.	Lancaster	LANC
22.	Lucerne Valley	LU V
23.	Mojave	MOJA
24.	Needles Airport	N AP
25.	Niland	NILA
26.	Palmdale	PALM
27.	Palm Springs	P SP
28.	Pasadena	PASA
29.	Perris	PERR
30.	Riverside	RIVE
31.	San Bernardino	SA B
32.	Twentynine Palms	29 P
33.	Upland	UPLA
34.	Victorville	VICT



○ INDICATES BOARD SITES

Ⓡ INDICATES RELEASE SITE

LOS ANGELES - DESERT TEST 1

JULY 9, 1981

SF6 CONCENTRATION IN PPT

	SITE	HOUR (PDT) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	AMBO																					2	7	2	0
2	AZUS											9	12	51	9	12	5	7	4	3	1	6	3	9	7
3	BANN																	0	8	67	12	8	10	8	12
4	BARS																					2	3	3	2
5	BI B																	3	1	4	0	4	4	4	0
6	BLYT																					0	0	0	4
7	BO B																					6	19	0	0
8	BORO																								
9	CAJO													9	8	2		2	3	2	2	5	5	3	2
10	CALI																					0	0	6	3
11	CH L																			0	0	2	1	0	1
12	CORO																								
13	DE C																								
14	DHSP																					0	2	1	0
15	EAFB																								
16	FT I																					2	12	0	3
17	I AP																					36	18	12	8
18	INDI																					9	5	0	0
19	J TR																								
20	L AR													7	14	8	9	9	37	8	10	12	4	7	1
21	LANC																				3	1	3	2	0
22	LU V																	0	0	1	1	3	0	3	3
23	MOJA																					0	2	1	0
24	N AP																					0	2	1	0
25	NILA																					5	6	0	0
26	PALM																			2	4	2	2	13	0
27	P SP																	2	2	1	10	13	11	10	7
28	PASA																	0	0	0	1	0	0	1	0
29	PERR																								
30	RIVE													2	2	2	46	35	8	6	8	8	6	5	5
31	SA B													8	7	8	13	75	15	11	6	4	1	0	0
32	29 P																					2	1	2	7
33	UPLA																								
34	VICT																		3	3	9	0	3	3	0

LOS ANGELES - DESERT

JULY 10, 1981

SF6 CONCENTRATION IN PPT

	SITE	HOUR (PDT) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	AMBO	4	0	0	0	2	0	0	0	2	0	2													
2	AZUS	6	8	9	3	2	0	6	8	24	14														
3	BANN	7	4	6	4	4	3	4	6	3	6	6													
4	BARS	0	3		1	2	2	0	0																
5	BI B	0	3	0	2	0	0	0	0	0	2	0	2	2	2	0	5								
6	BLYT	0	0	0	0	0	0	0	0																
7	BO B	0	0	5	3	1	0	0	2	3	4		5	1	6	6	7	0	6	4	7				
8	BORO																								
9	CAJO	0	0	0	0	0	0	0	0	4	3	3	8												
10	CALI	3	0	0	0	3	0	0	0																
11	CH L	1	2	0	0	0	2	0	0	0	1	0	0	1	0	2	0	1	2						
12	CORO																								
13	DE C																								
14	DHSP																								
15	EAFB	0	0	2	0	0	1	2	0	0	0	1													
16	FT I																								
17	I AP	2	0	0	0	4	0	0	2																
18	INDI	8	8	4	3	3	4	2	2	0	1	0	0	0											
19	J TR	0	0	0	0	2	0	0	0	0	1	3	0	2	1	0	4	2	0						
20	L AR	11	4	7	6	7	3	4	6	0	2	4	3												
21	LANC	0	0	0	1	3	0	0	0	0	2	4	0	2	0										
22	LU V	2	5	2	0	4	4	0	0	2	0	0	1	1	1	0	1								
23	MOJA	2	3	2	0		0	0	0																
24	N AP	0	1	0	3	0	6	0	3																
25	NILA	2	0	0	0	2	0	0	0																
26	PALM	2	4	0	4	4	6	0	1	0	2	4	0	2	0	0									
27	P SP	2	3	2	8	0	5	7	5	8		4	5												
28	PASA	2	0	0	0																				
29	PERR																								
30	RIVE	2	6	5	5	4	4	0	7	7	5	0	5												
31	SA B	0	4	5	8	6	9	16	19	41	11	0	5												
32	29 P	0	9	6	5	2	0	5	6	0	0	2	2	0	0										
33	UPLA																								
34	VICT	5	3	0	1	0	2	3	4	0	0	0													

Appendix A2

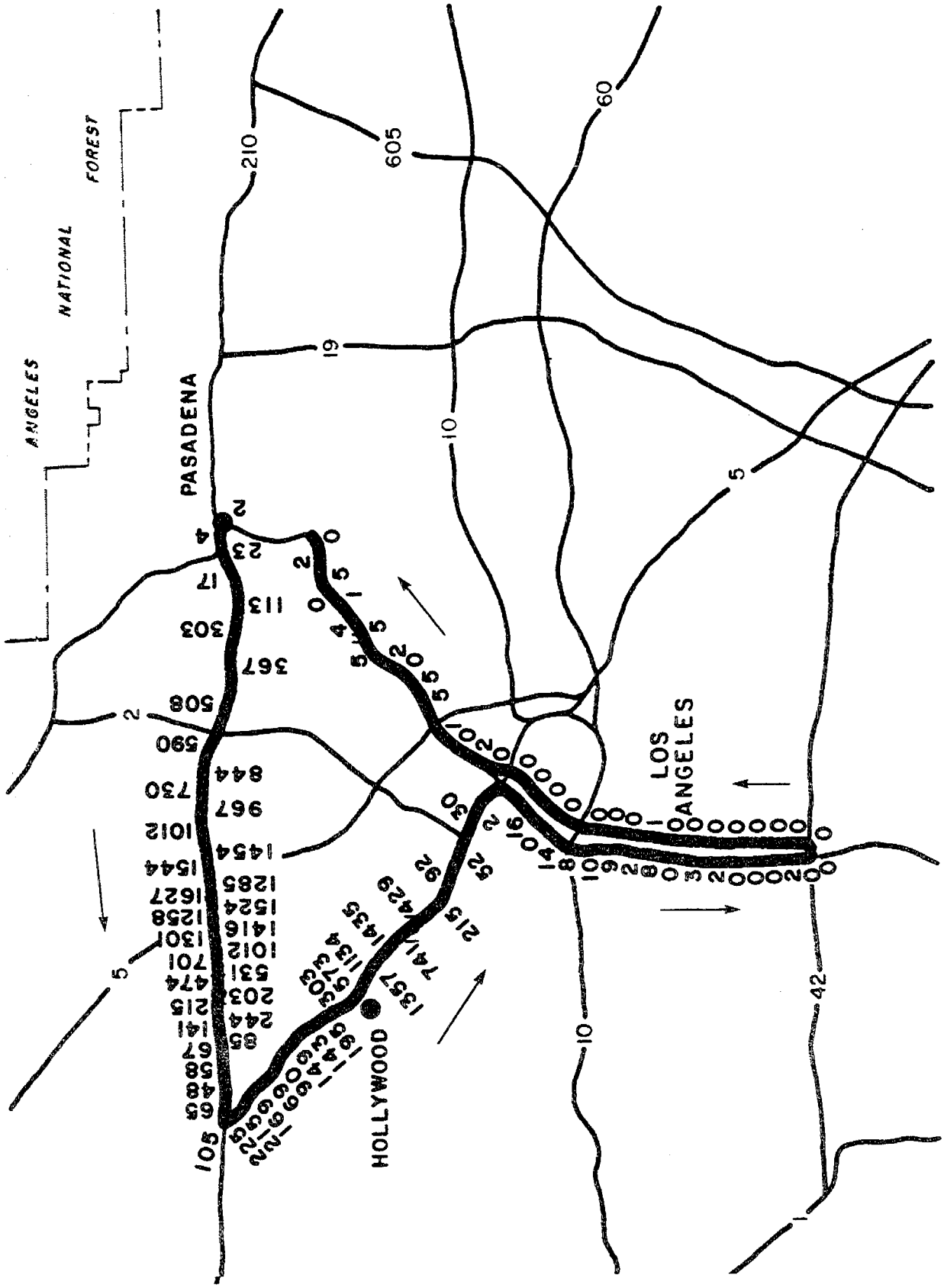
Automobile Traverse Tracer Data

for

Test 1

Conducted Starting July 9, 1981

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-1



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1045 - 1152 PDT, 7/9/81

1-1 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1045 PDT, 7/9/81 AT 134 & 210 (PASADENA)
TRAVERSE END: 1152 PDT WHERE 11 BECOMES ARROYO (PASADENA)
TRAVERSE ROUTE: W ON 134; S ON 101; 11 TO 42; N ON 11

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	2	12.5	203	25	215
.5	4	13	215	25.5	92
1	23	13.5	244	26	52
1.5	17	14	141	26.5	30
2	113	14.5	85	27	2
2.5	303	15	67	27.5	16
3	367	15.5	58	28	0
3.5	508	16	48	28.5	14
4	590	16.5	65	29	8
4.5	845	17	105	29.5	10
5	943	17.5	225	30	9
5.5	967	18	215	30.5	2
6	1012	18.5	169	31	8
6.5	1454	19	69	31.5	0
7	1544	19.5	90	32	3
7.5	1285	20	149	32.5	2
8	1627	20.5	143	33	0
8.5	1524	21	195	33.5	0
9	1258	21.5	303	34	0
9.5	1416	22	573	34.5	2
10	1301	22.5	1134	35	0
10.5	1210	23	1357	35.5	0
11	701	23.5	1435	36	0
11.5	531	24	741	36.5	0
12	474	24.5	429	37	0

1-1 TRAV LAD-1

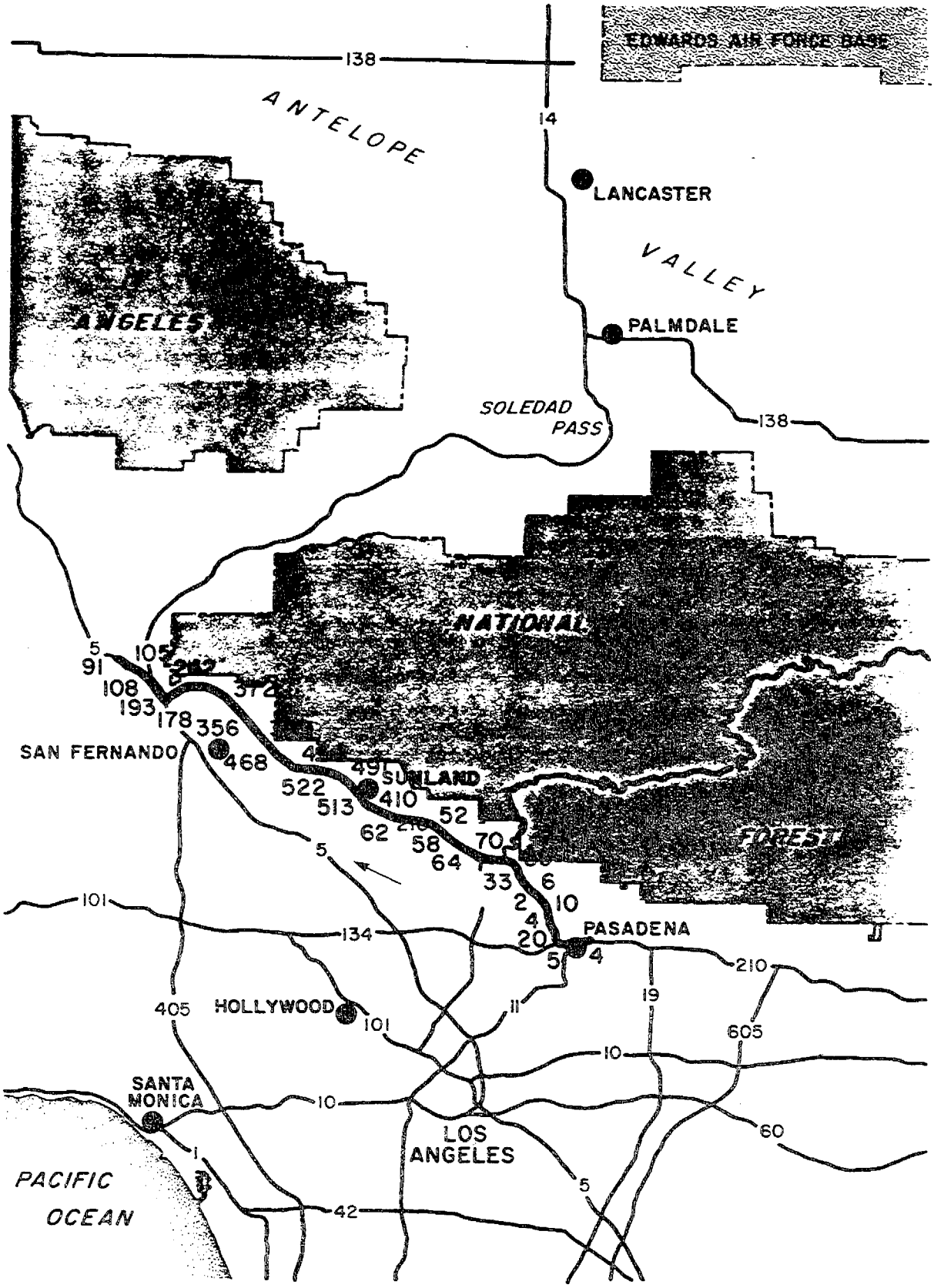
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1045 PDT, 7/9/81 AT 134 & 210 (PASADENA)
TRAVERSE END: 1152 PDT WHERE 11 BECOMES ARROYO (PASADENA)
TRAVERSE ROUTE: W ON 134; S ON 101; 11 TO 42; N ON 11

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
37.5	0	50	0
38	0	50.5	2
38.5	0	51	0
39	0		
39.5	1		
40	0		
40.5	0		
41	0		
41.5	0		
42	0		
42.5	0		
43	0		
43.5	0		
44	2		
44.5	0		
45	1		
45.5	5		
46	5		
46.5	0		
47	2		
47.5	5		
48	5		
48.5	4		
49	1		
49.5	5		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-2



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1235 - 1307 PDT, 7/9/81

1-2 TRAV LAD-1

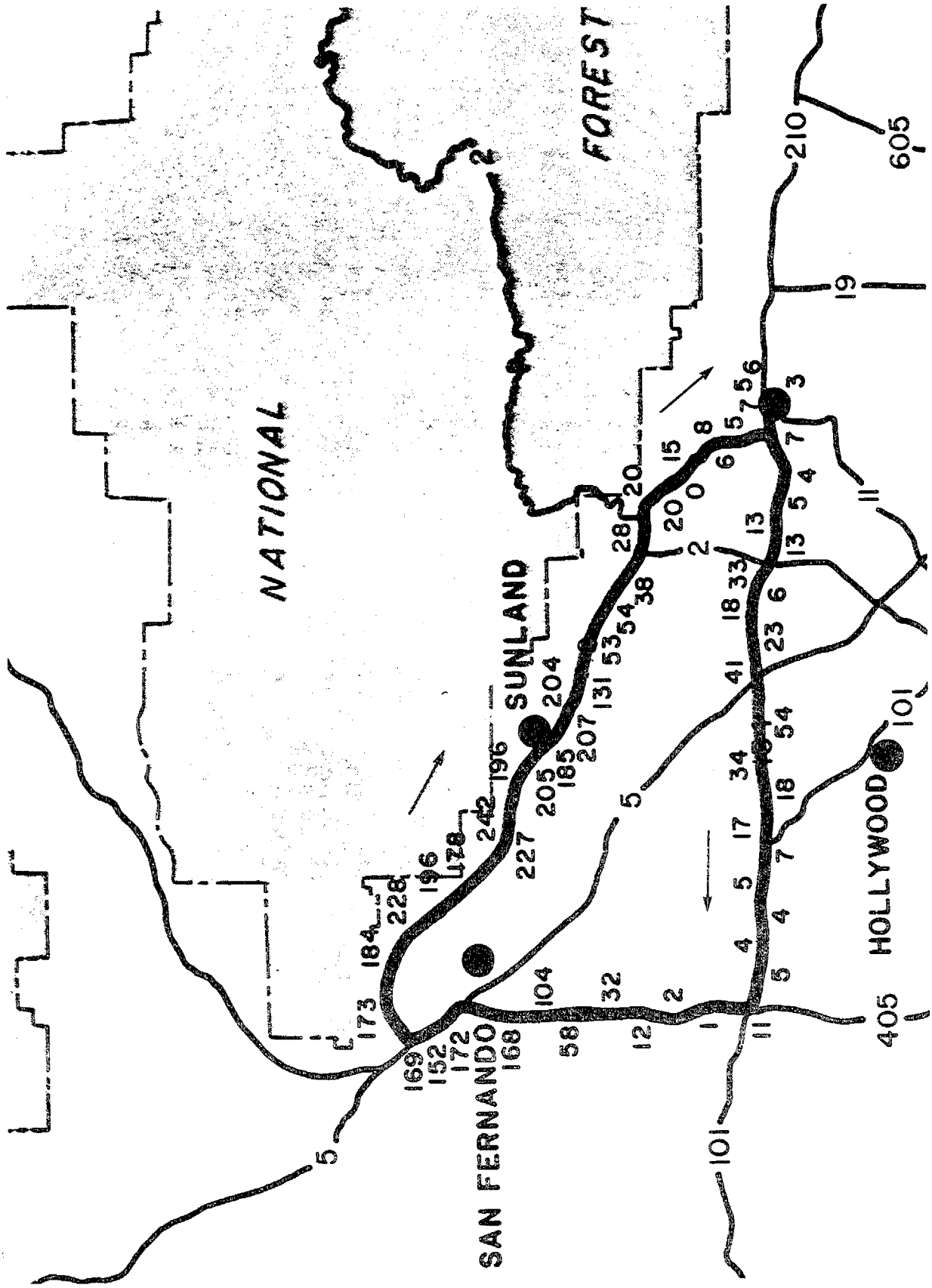
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1235 PDT, 7/9/81 AT 210 & HILL AVE (PASADENA)
TRAVERSE END: 1307 PDT 2 MI NORTH OF 5 & 14 ON 5
TRAVERSE ROUTE: W ON 210; N ON 5

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	4	25	178
1	5	26	193
2	16	27	117
3	4	28	105
4	10	29	91
5	2		
6	6		
7	33		
8	59		
9	64		
10	70		
11	58		
12	52		
13	62		
14	410		
15	513		
16	491		
17	522		
18	460		
19	468		
20	389		
21	356		
22	372		
23	243		
24	242		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-3



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1258 - 1356 PDT, 7/9/81

1-3 TRAV LAD-1

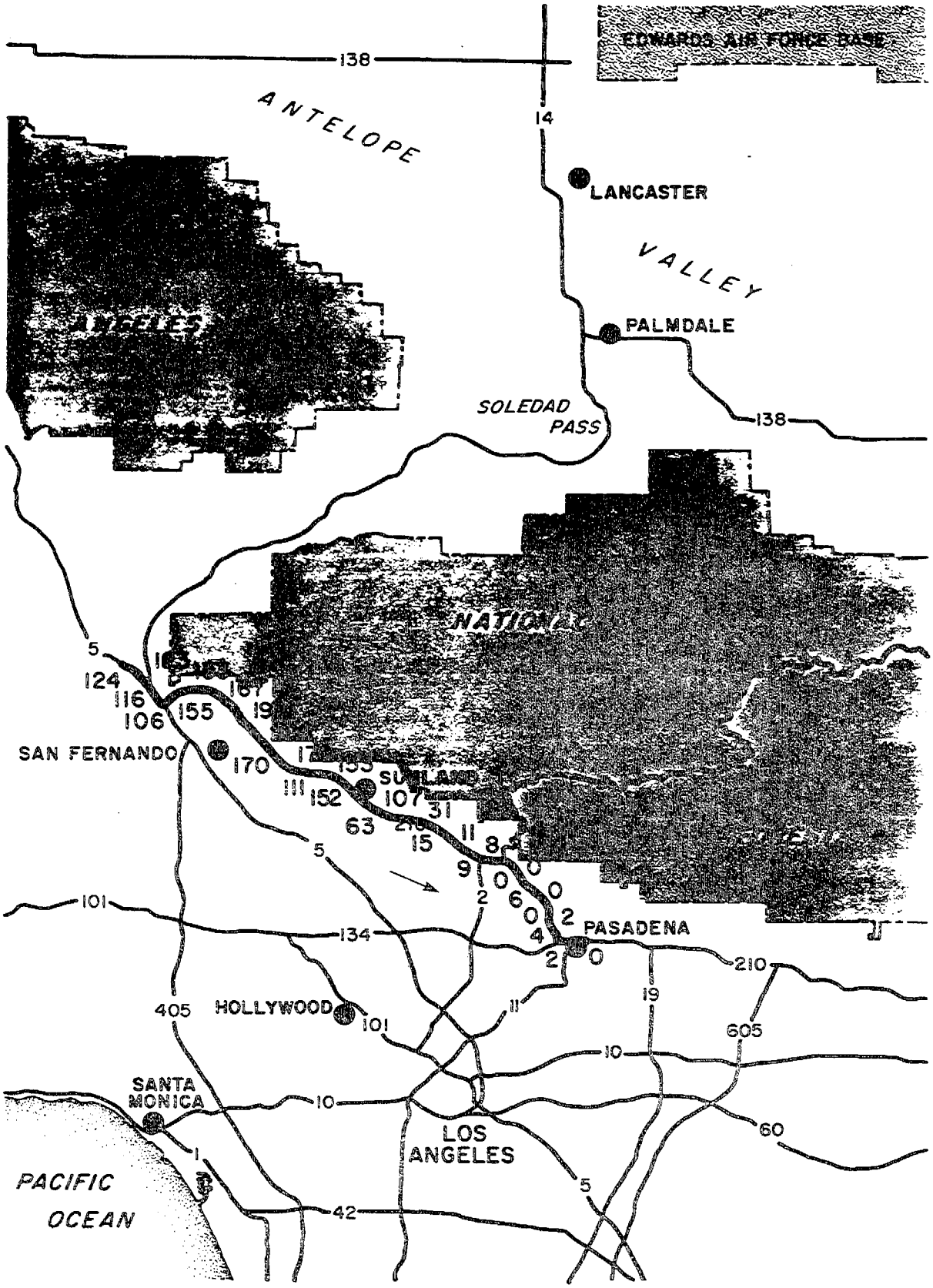
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1258 PDT, 7/9/81 AT 210 & HILL (PASADENA)
TRAVERSE END: 1356 PDT AT SAME
TRAVERSE ROUTE: W ON 210, 134, 101; N ON 405, 5; E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	3	25	12	50	20
1	*	26	32	51	20
2	7	27	58	52	15
3	4	28	104	53	0
4	5	29	168	54	8
5	13	30	172	55	6
6	13	31	152	56	5
7	32	32	169	57	7
8	6	33	173	58	5
9	18	34	184	59	6
10	23	35	228		
11	41	36	196		
12	54	37	178		
13	34	38	242		
14	18	39	227		
15	17	40	196		
16	7	41	205		
17	5	42	185		
18	4	43	204		
19	4	44	207		
20	5	45	131		
21	0	46	53		
22	1	47	54		
23	1	48	38		
24	2	49	28		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-4



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1350 - 1418 PDT, 7/9/81

1-4 TRAV LAD-1

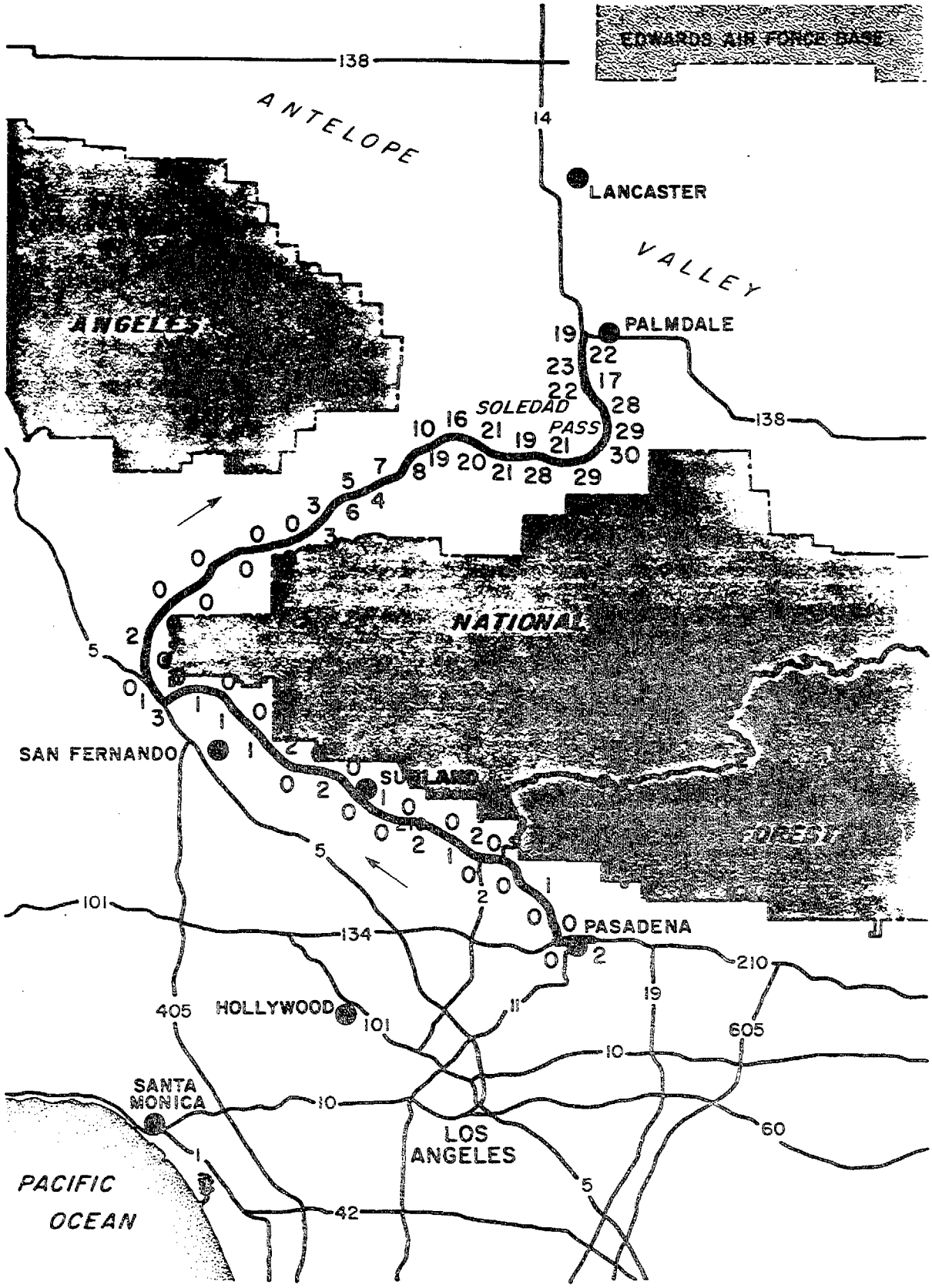
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1350 PDT, 7/9/81 AT 5 & 210
TRAVERSE END: 1418 PDT AT 210 & HILL (PASADENA)
TRAVERSE ROUTE: E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	124	25	0
1	123	26	2
2	116	27	4
3	106	28	2
4	155	29	0
5	134		
6	167		
7	199		
8	208		
9	170		
10	178		
11	123		
12	153		
13	152		
14	103		
15	63		
16	31		
17	15		
18	11		
19	9		
20	8		
21	0		
22	0		
23	6		
24	0		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-5



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1530 - 1640 PDT, 7/9/81

1-5 TRAV LAD-1

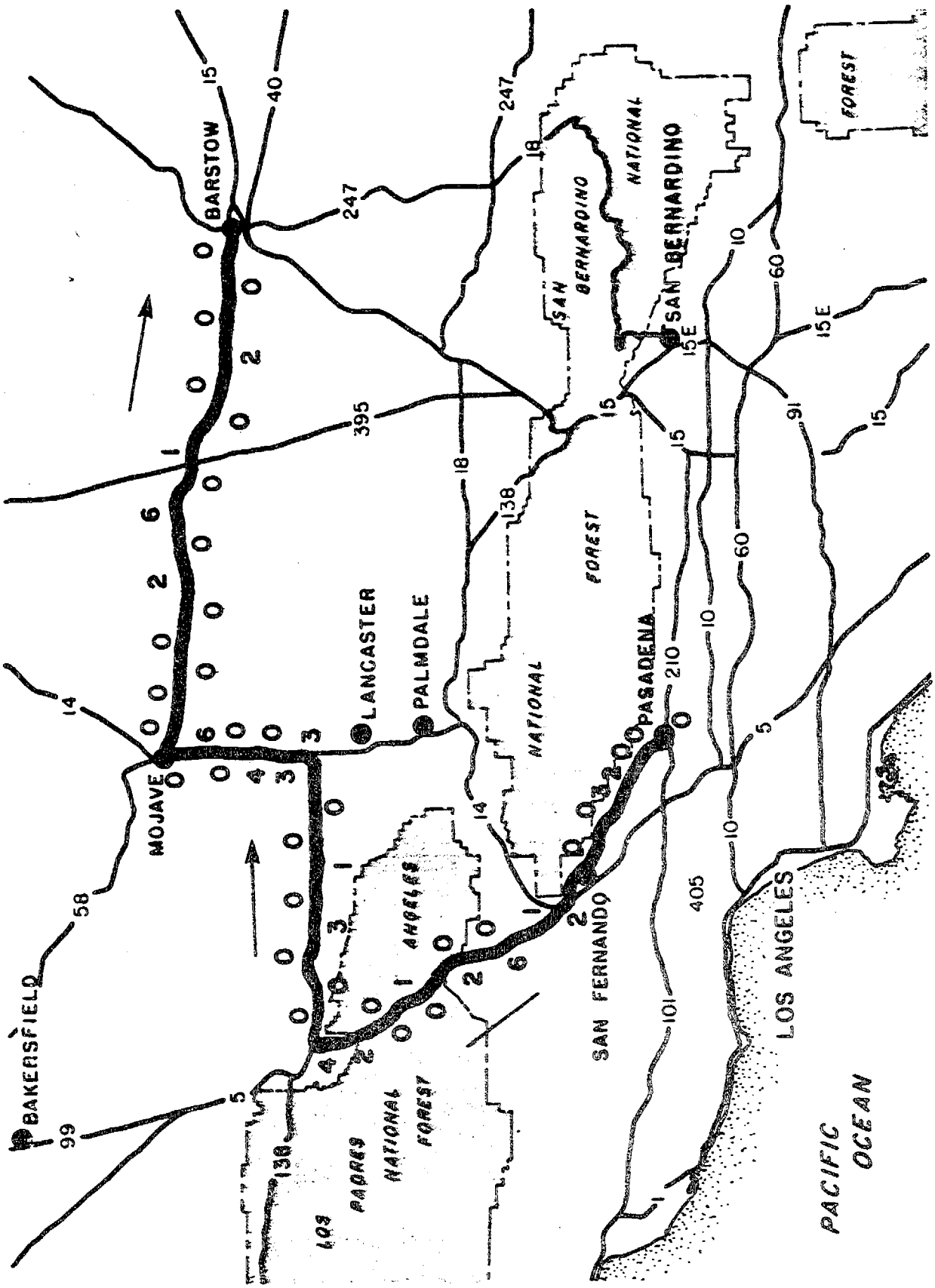
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1530 PDT, 7/9/81 AT 210 & HILL AVE (PASADENA)
TRAVERSE END: 1640 PDT AT 138 (PALMDALE RD) & 14 (PALMDALE)
TRAVERSE ROUTE: W ON 210; N ON 5; N ON 14

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	*	25	2	50	19
1	*	26	0	51	16
2	2	27	1	52	20
3	0	28	0	53	21
4	0	29	3	54	21
5	0	30	2	55	19
6	1	31	0	56	28
7	0	32	0	57	21
8	0	33	2	58	29
9	0	34	0	59	30
10	2	35	0	60	29
11	1	36	0	61	28
12	0	37	0	62	22
13	3	38	0	63	17
14	0	39	0	64	23
15	0	40	0	65	22
16	1	41	0	66	19
17	0	42	3		
18	0	43	3		
19	2	44	6		
20	0	45	5		
21	0	46	4		
22	2	47	7		
23	1	48	8		
24	0	49	10		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-6



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1650 - 2035 PDT, 7/9/31

1-6 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1650 PDT, 7/9/81 AT 210 & LAKE AVE (PASADENA)
TRAVERSE END: 2035 PDT ON 58 IN BARSTOW
TRAVERSE ROUTE: W ON 210; N ON 5; E ON 138; N ON 14; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	25	0	50	0
1	0	26	0	51	0
2	0	27	1	52	1
3	0	28	0	53	1
4	0	29	0	54	0
5	0	30	0	55	0
6	0	31	0	56	1
7	0	32	0	57	0
8	2	33	0	58	0
9	0	34	1	59	2
10	0	35	0	60	4
11	1	36	0	61	1
12	0	37	6	62	0
13	3	38	3	63	1
14	0	39	0	64	0
15	0	40	0	65	0
16	0	41	2	66	0
17	0	42	0	67	2
18	0	43	0	68	0
19	0	44	0	69	0
20	0	45	0	70	0
21	0	46	2	71	0
22	2	47	0	72	1
23	0	48	0	73	0
24	0	49	0	74	0

1-6 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1650 PDT, 7/9/81 AT 210 & LAKE AVE (PASADENA)
TRAVERSE END: 2035 PDT ON 58 IN BARSTOW
TRAVERSE ROUTE: W ON 210; N ON 5; E ON 138; N ON 14; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
75	0	100	0	125	0
76	*	101	0	126	1
77	0	102	0	127	0
78	0	103	4	128	0
79	3	104	0	129	0
80	0	105	0	130	0
81	1	106	0	131	6
82	0	107	0	132	3
83	0	108	0	133	0
84	0	109	2	134	0
85	0	110	2	135	2
86	4	111	0	136	2
87	1	112	0	137	0
88	0	113	3	138	0
89	0	114	3	139	0
90	0	115	0	140	5
91	0	116	6	141	1
92	1	117	0	142	3
93	3	118	0	143	0
94	3	119	0	144	0
95	0	120	0	145	0
96	2	121	0	146	6
97	0	122	0	147	0
98	0	123	2	148	0
99	2	124	*	149	3

1-6 TRAV LAD-1

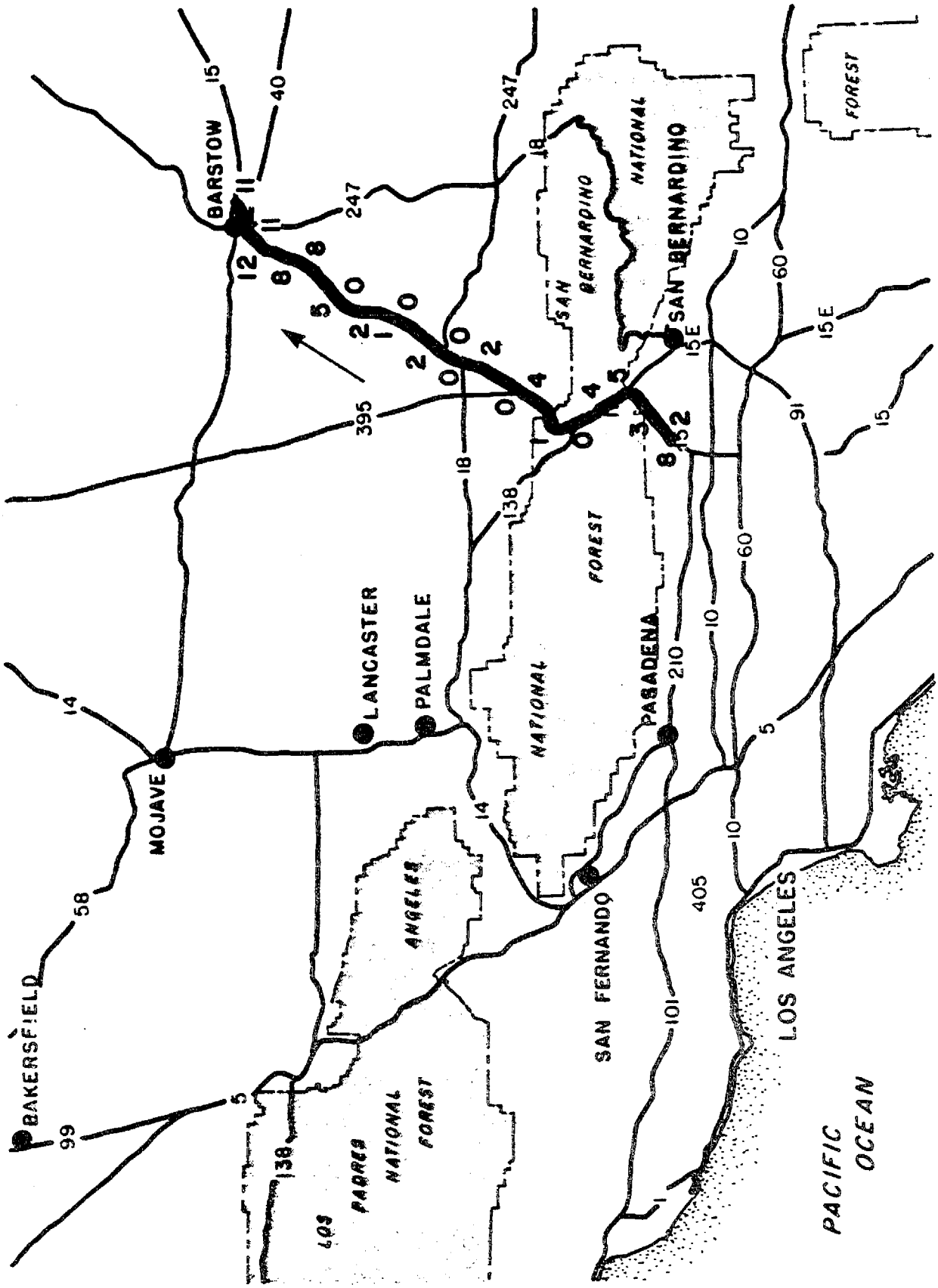
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1650 PDT, 7/9/81 AT 210 & LAKE AVE (PASADENA)
TRAVERSE END: 2035 PDT ON 58 IN BARSTOW
TRAVERSE ROUTE: W ON 210; N ON 5; E ON 138; N ON 14; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
150	2	175	0
151	1	176	5
152	1	177	0
153	0	178	4
154	0	179	5
155	2	180	0
156	0	181	0
157	0	182	2
158	0	183	0
159	0	184	2
160	0		
161	2		
162	0		
163	0		
164	0		
165	0		
166	2		
167	0		
168	0		
169	1		
170	0		
171	0		
172	1		
173	1		
174	0		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-7



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1723 - 1824 PDT, 7/9/81

1-7 TRAV LAD-1

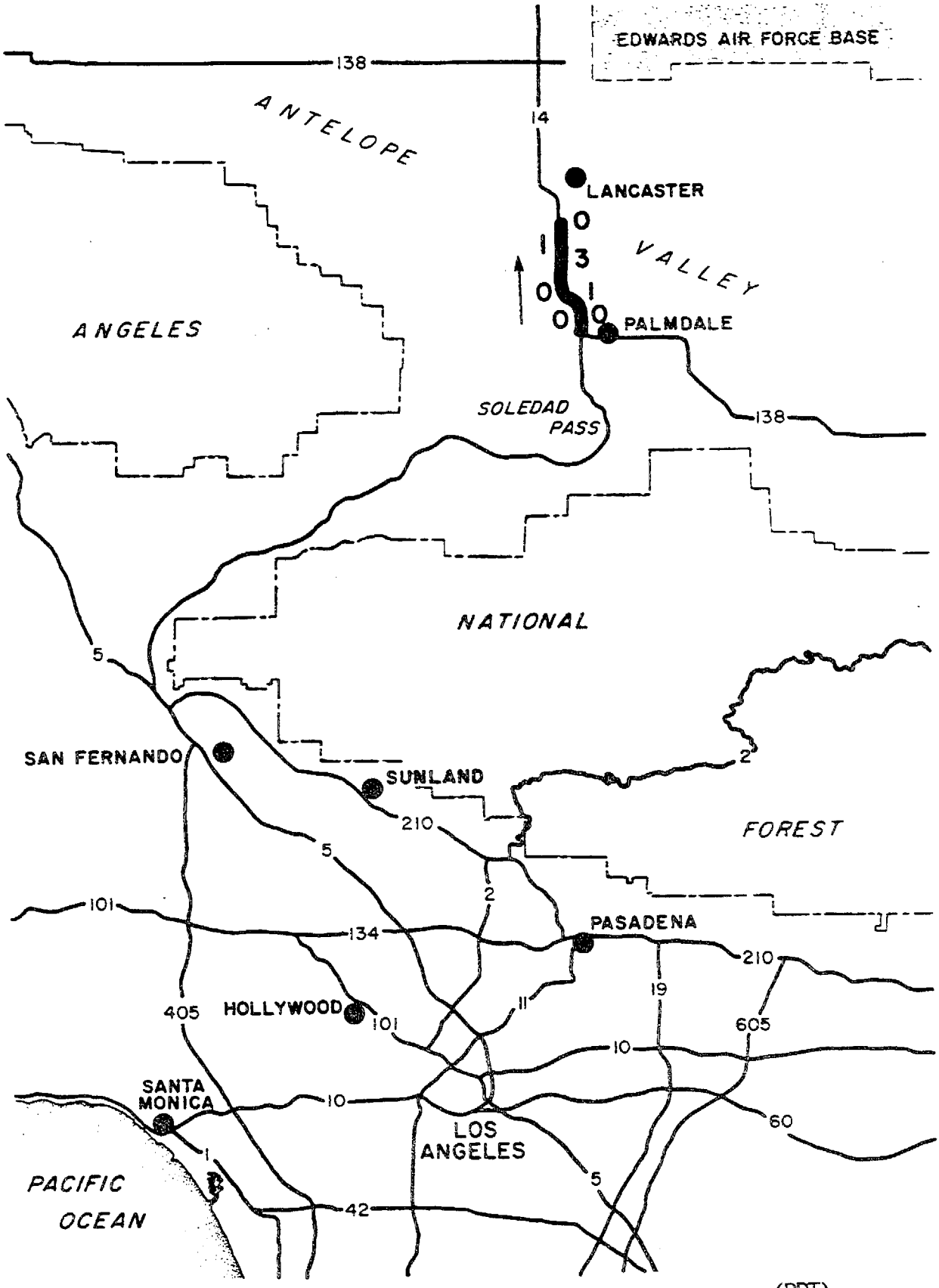
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1723 PDT, 7/9/81 AT FOOTHILL & 15 (CUCAMONGA)
TRAVERSE END: 1829 PDT DOWNTOUN IN BARSTOW
TRAVERSE ROUTE: E ON 210; N ON 15

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	*	25	0	50	7
1	8	26	0	51	0
2	6	27	0	52	0
3	2	28	4	53	5
4	2	29	0	54	7
5	3	30	0	55	8
6	3	31	2	56	6
7	1	32	2	57	8
8	4	33	0	58	0
9	3	34	0	59	9
10	*	35	0	60	6
11	5	36	2	61	8
12	2	37	0	62	10
13	4	38	2	63	14
14	0	39	2	64	11
15	0	40	0	65	13
16	3	41	1	66	12
17	0	42	3	67	14
18	2	43	0	68	11
19	1	44	0		
20	0	45	*		
21	1	46	2		
22	0	47	0		
23	5	48	0		
24	4	49	2		

Los Angeles Desert Study Test 1
Trav. 1-8



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1751 - 1759 PDT, 7/9/81

1-8 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1751 PDT, 7/9/81 AT 138 (PALMDALE RD) & 14 (PALMDALE)
TRAVERSE END: 1759 PDT AT AVENUE L & 14 (LANCASTER)
TRAVERSE ROUTE: N ON 14

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
1	0
2	1
3	0
4	3
5	1
6	0

Los Angeles Desert Study Test 1
Trav. 1-9

THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1832 - 1917 PDT, 7/9/81

1-9 TRAV LAD-1

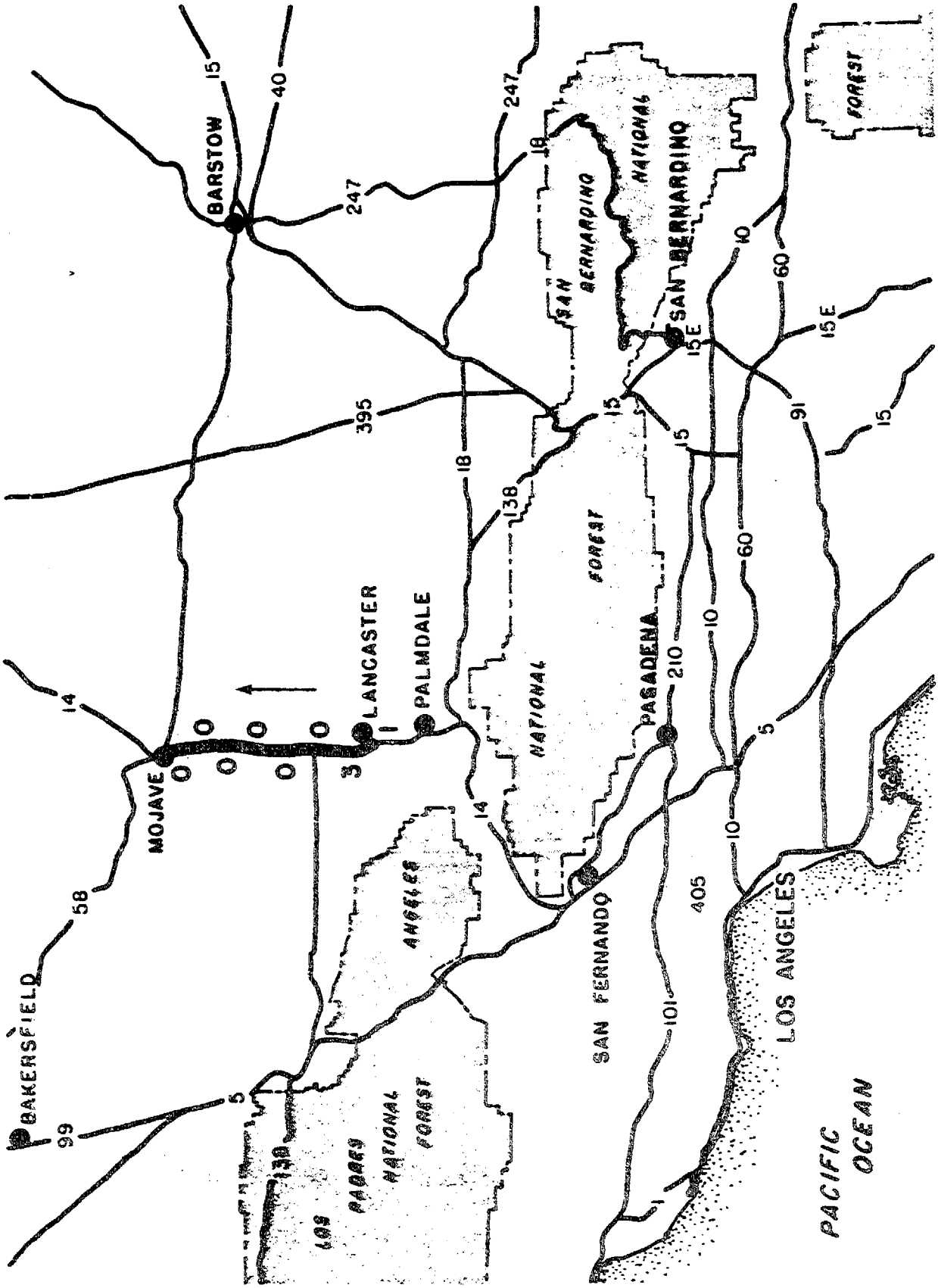
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1832 PDT, 7/9/81 AT 15 & 138 (CAJON JUNCTION)
TRAVERSE END: 1917 PDT AT MAIN ST & 15 (BARSTOW)
TRAVERSE ROUTE: N ON 15

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	25	2
1	0	26	5
2	0	27	0
3	0	28	3
4	0	29	1
5	1	30	4
6	0	31	0
7	0	32	0
8	0	33	1
9	0	34	0
10	0	35	0
11	1	36	0
12	0	37	6
13	0	38	2
14	2	39	1
15	0	40	0
16	7	41	3
17	0	42	0
18	0	43	0
19	0	44	0
20	0	45	0
21	0	46	3
22	0	47	0
23	4	48	3
24	0	49	2

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-10



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1848 - 1915 PDT, 7/9/81

1-10 TRAV LAD-1

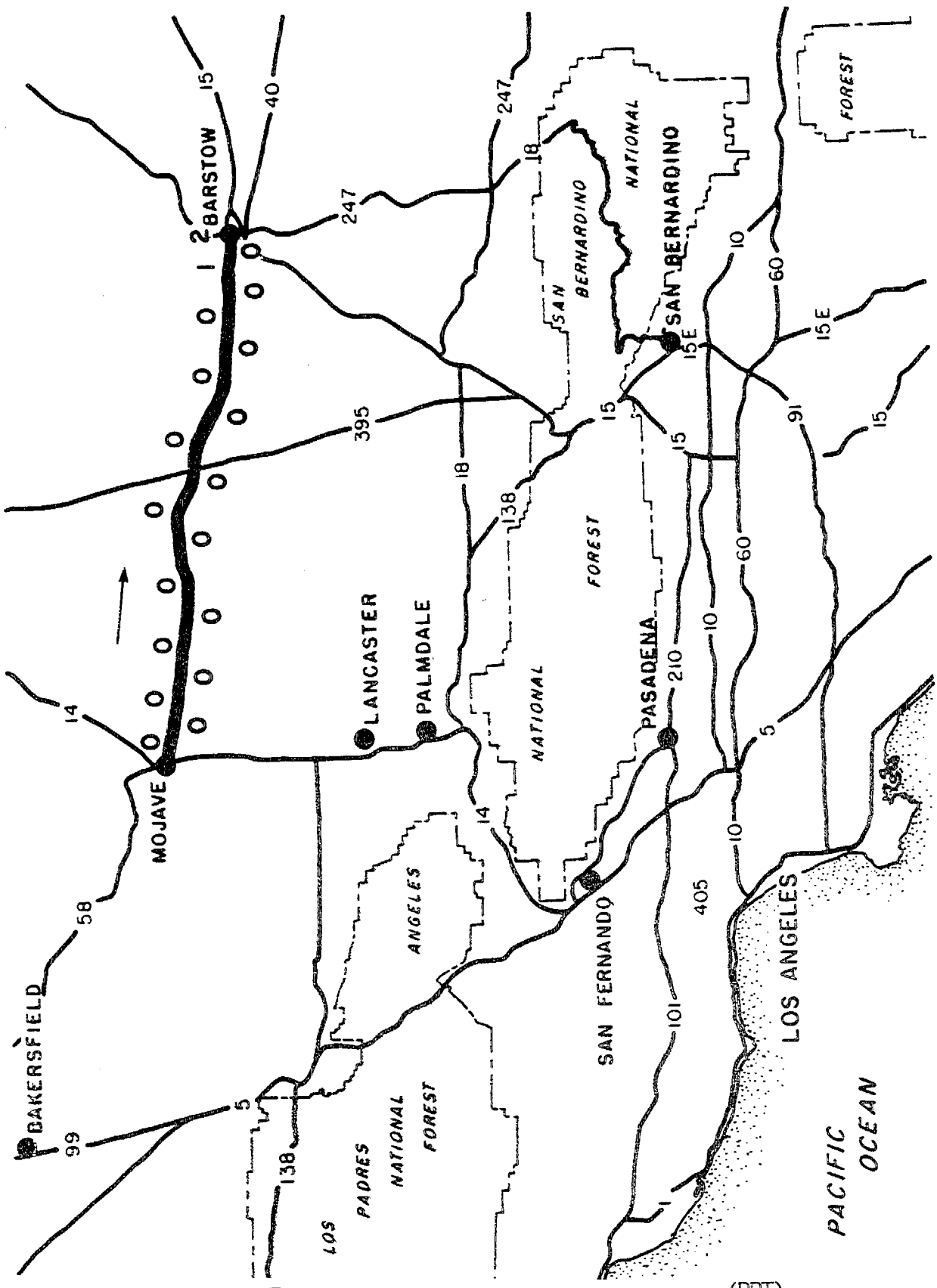
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1848 PDT, 7/9/81 AT AVENUE I & 14 (LANCASTER)
TRAVERSE END: 1915 PDT AT 58 & 14 (MOJAVE)
TRAVERSE ROUTE: N ON 14

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	1
1	6
2	*
3	0
4	3
5	0
6	2
7	2
8	0
9	0
10	0
11	3
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 1-11



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 2003 - 2130 PDT, 7/9/81

1-11 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 2003 PDT, 7/9/81 ON 58 IN MOJAVE
TRAVERSE END: 2130 PDT AT IRWIN RD & 58 (BARSTOW)
TRAVERSE ROUTE: E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	25	0	50	0
1	0	26	0	51	0
2	0	27	0	52	0
3	0	28	0	53	0
4	0	29	0	54	0
5	2	30	0	55	0
6	0	31	0	56	0
7	0	32	1	57	0
8	0	33	0	58	0
9	0	34	0	59	0
10	0	35	0	60	2
11	0	36	0	61	0
12	0	37	0	62	0
13	1	38	0	63	0
14	0	39	0	64	1
15	0	40	0	65	1
16	0	41	0	66	0
17	0	42	0	67	0
18	0	43	1	68	2
19	0	44	0		
20	0	45	0		
21	2	46	0		
22	0	47	0		
23	0	48	0		
24	0	49	0		

LOS ANGELES DESERT STUDY TEST 1

TRAV. 1-12

THE NUMBERS INDICATE FS_6 CONCENTRATION (PPT)

TIME: 2151 - 2321 PDT, 7/9/81

1-12 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 2151 PDT, 7/9/81 AT MAIN ST & 15 (BARSTOW)
TRAVERSE END: 2321 PDT AT SAME
TRAVERSE ROUTE: S ON 15 TO 138 (CAJON JUNCTION); N ON 15

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	1	25	2	50	3
1	2	26	2	51	2
2	0	27	0	52	3
3	0	28	0	53	0
4	4	29	0	54	0
5	1	30	2	55	5
6	0	31	0	56	3
7	0	32	4	57	0
8	0	33	3	58	0
9	0	34	1	59	3
10	0	35	0	60	3
11	4	36	0	61	3
12	0	37	2	62	0
13	0	38	3	63	3
14	4	39	0	64	0
15	2	40	3	65	3
16	1	41	2	66	4
17	1	42	3	67.	5
18	3	43	0	68	2
19	8	44	0	69	0
20	0	45	0	70	3
21	0	46	0	71	3
22	2	47	3	72	0
23	8	48	2	73	0
24	0	49	0	74	3

1-12 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 2151 PDT, 7/9/81 AT MAIN ST & 15 (BARSTOW)
TRAVERSE END: 2321 PDT AT SAME
TRAVERSE ROUTE: S ON 15 TO 138 (CAJON JUNCTION); N ON 15

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	1
76	1
77	2
78	0
79	5
80	0
81	0
82	0
83	0
84	0
85	2
86	3
87	1
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0

Los Angeles Desert Study Test 1
Trav. 2-1

THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 0845 - 1523 PDT, 7/10/81

2-1 TRAV LAD-1

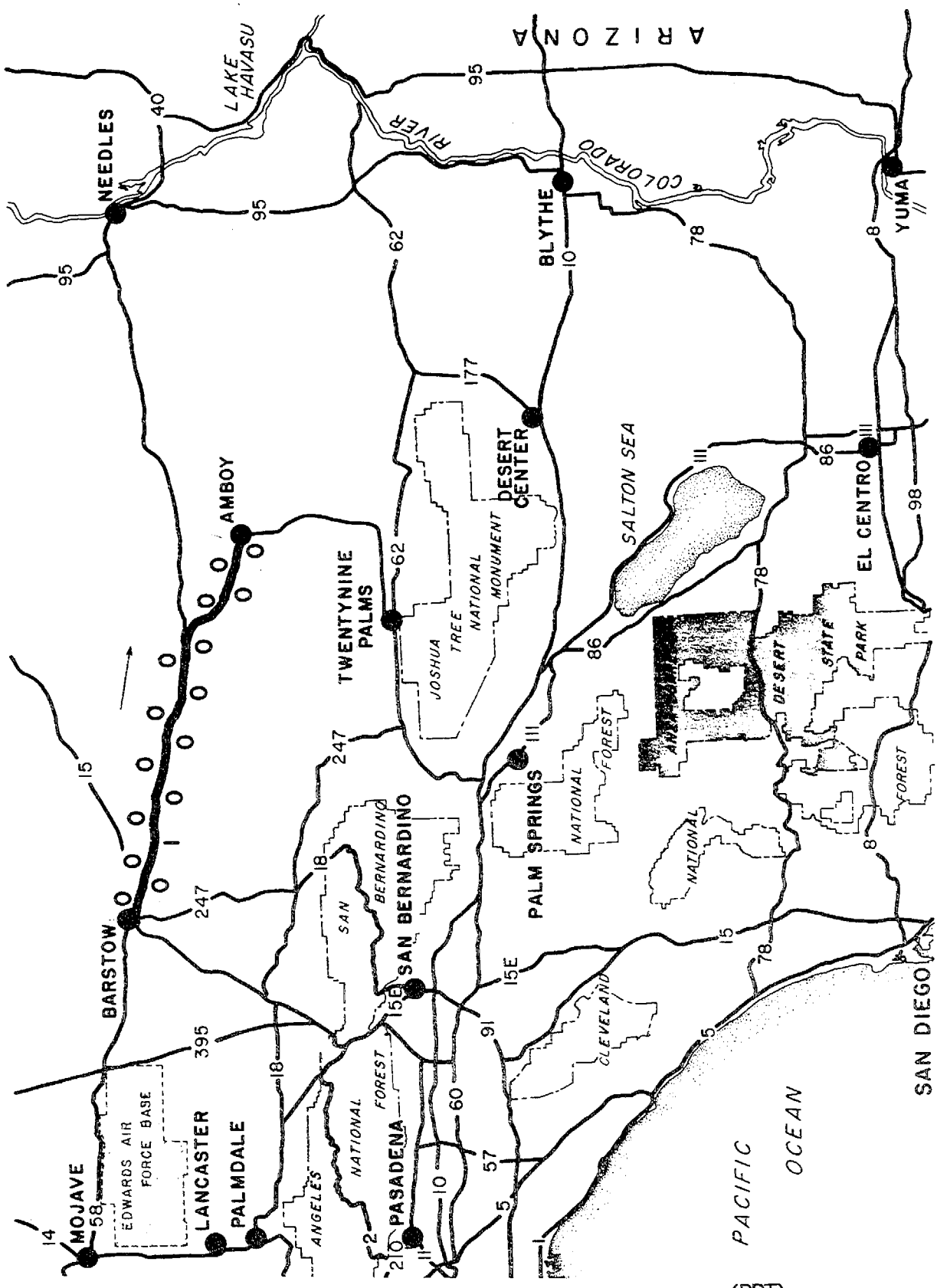
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0854 PDT, 7/10/81 AT BARSTOW RD (247) & WINDY PASS (BARSTOW)
TRAVERSE END: 1523 PDT AT 210 & SIERRA MADRE (PASADENA)
TRAVERSE ROUTE: S ON 247, 18; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	125	0
5	0	130	0
10	0	135	0
15	1	140	2
20	0	145	0
25	0	150	0
30	0	155	2
35	0	160	0
40	0		
45	0		
50	0		
55	0		
60	0		
65	0		
70	2		
75	1		
80	0		
85	0		
90	0		
95	0		
100	1		
105	0		
110	0		
115	0		
120	1		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-2



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 0900 - 1034 PDT, 7/10/31

2-2 TRAV LAD-1

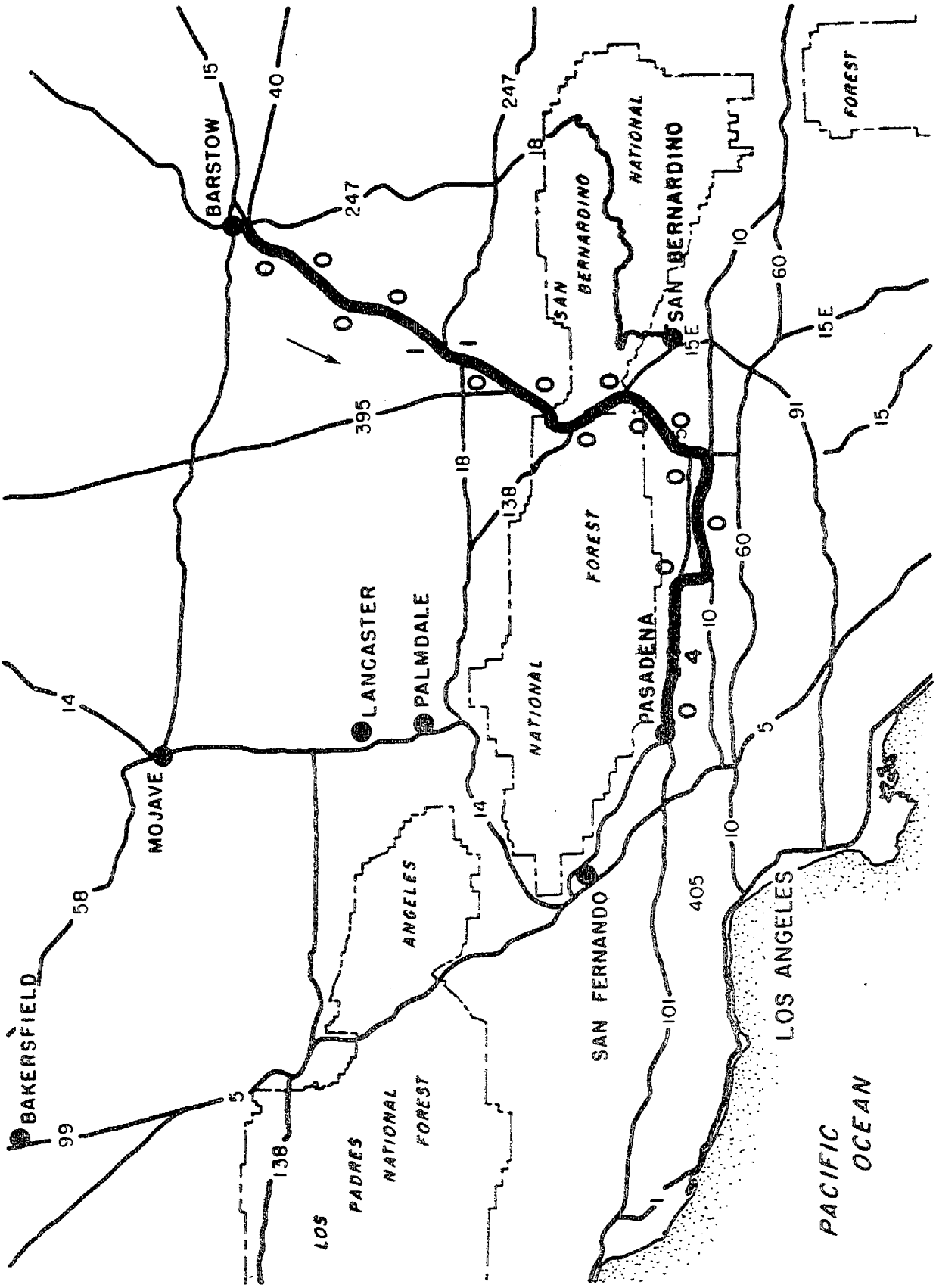
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0900 PDT, 7/10/81 ON MAIN ST IN BARSTOW
TRAVERSE END: 1034 PDT ON 40 IN AMBOY
TRAVERSE ROUTE: E ON 40

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	1
20	0
25	0
30	0
35	0
40	0
45	0
50	0
55	0
60	0
65	0
70	0
75	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-3



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 0928 - 1037 PDT, 7/10/81

2-3 TRAV LAD-1

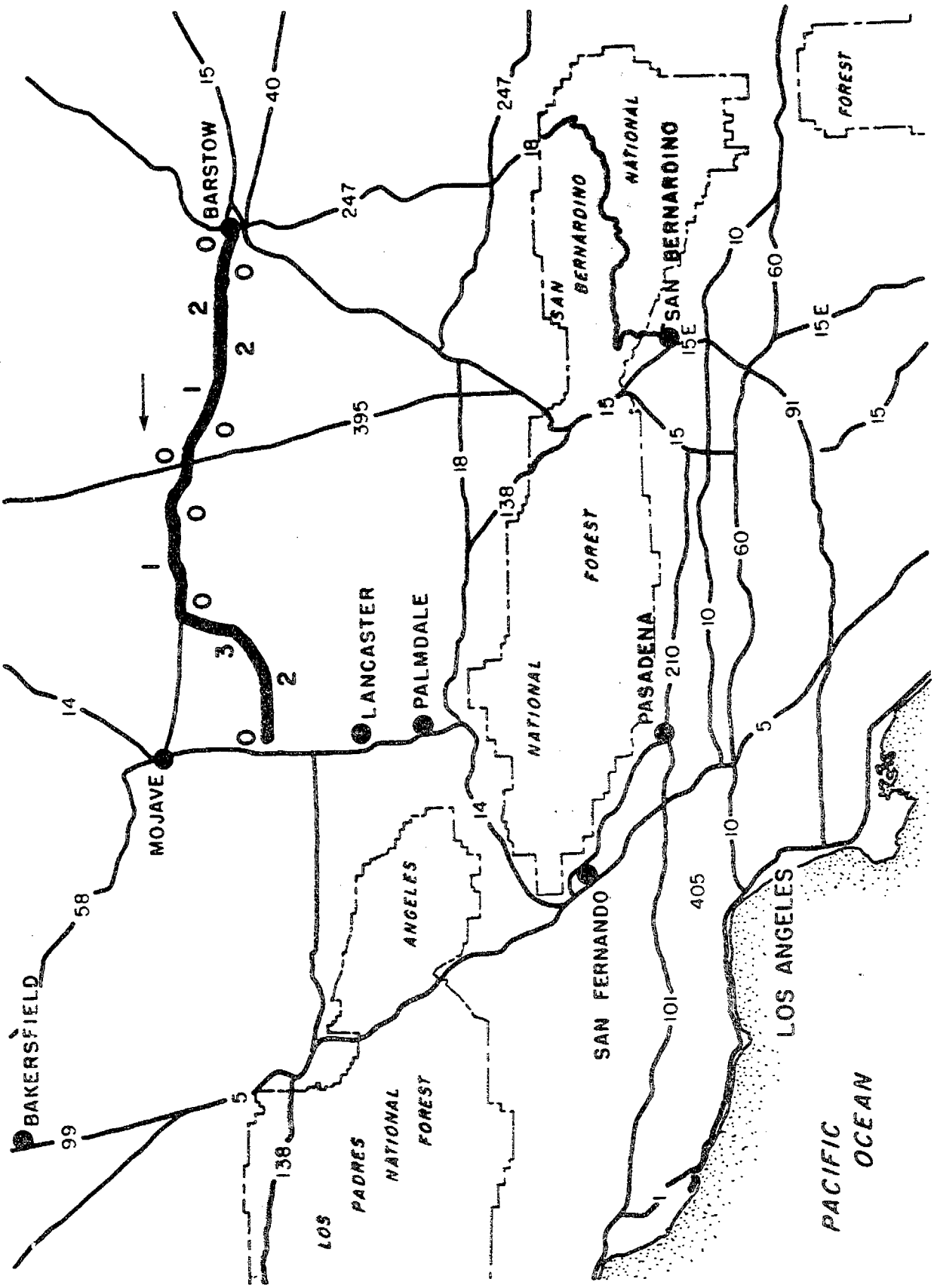
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0900 PDT, 7/10/81 ON MAIN ST IN BARSTOW
TRAVERSE END: 1115 PDT AT GANESHA BLVD & 210 (LA VERNE)
TRAVERSE ROUTE: W ON MAIN ST; S ON 15; E ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	0
20	0
25	1
30	1
35	0
40	0
45	0
50	0
55	0
60	0
65	0
70	1
75	0
80	0
85	4
90	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-4



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 0928 - 1037 PDT, 7/10/81

2-4 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0928 PDT, 7/10/81 AT IRWIN RD & 58 (BARSTOW)
TRAVERSE END: 1037 PDT ON ROSAMOND BLVD AT EDWARDS AFB
TRAVERSE ROUTE: W ON 58; S ON ROSAMOND BLVD

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	2
15	2
20	1
25	0
30	0
35	0
40	1
45	0
50	3
55	2
60	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-5

THE NUMBER INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1040 - 1630 PDT, 7/10/81

2-5 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

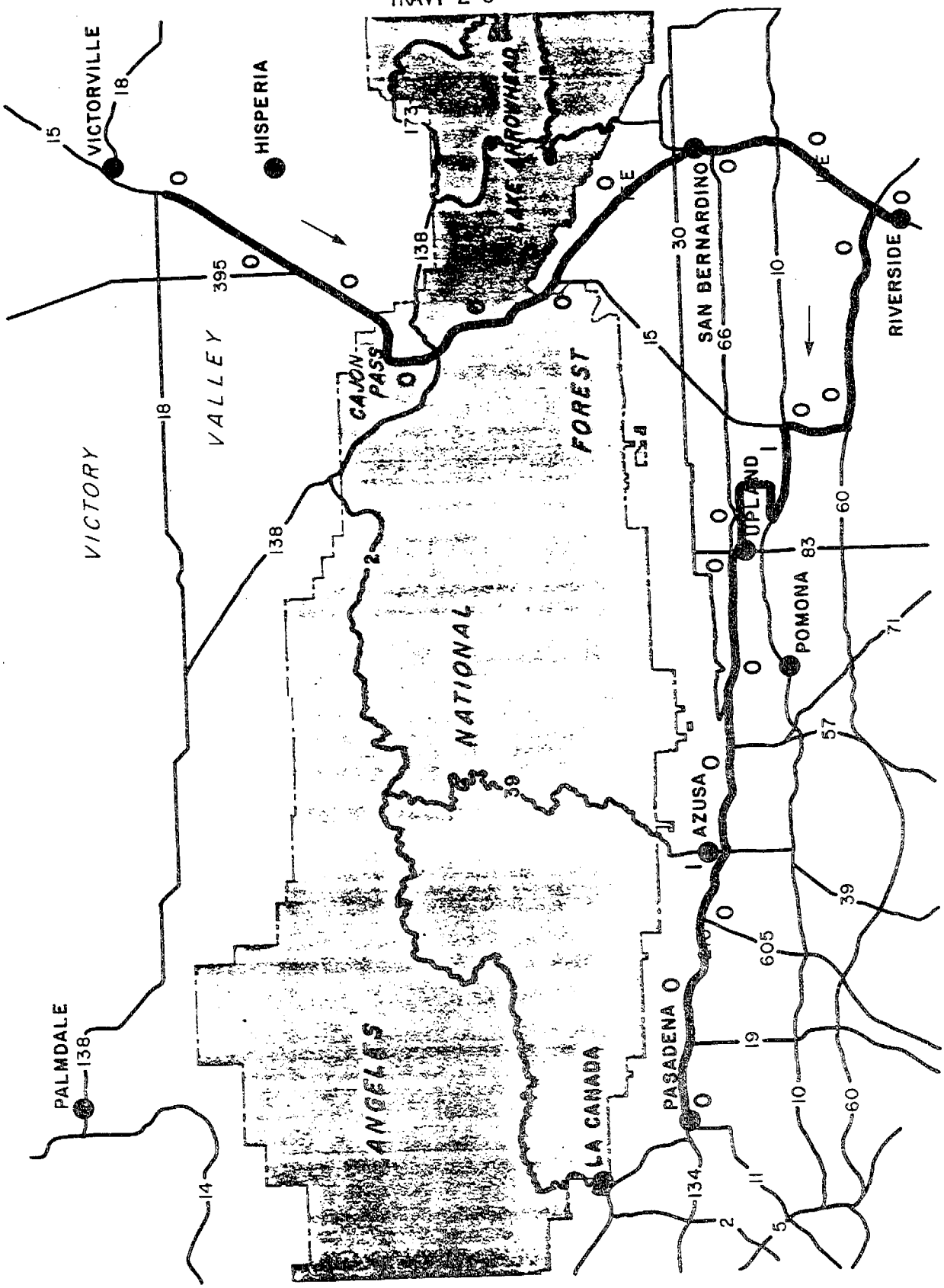
TRAVERSE START: 1040 PDT, 7/10/81 AT 10 & 243 (BANNING)
TRAVERSE END: 1630 PDT AT CALTECH (PASADENA)
TRAVERSE ROUTE: E ON 10; S ON 111 TO PALM SPRINGS; N ON 111; E ON 10 TO INDIO; W ON 10, 210; S ON HILL AVE

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	125	2
5	0	130	4
10	0	135	0
15	0	140	0
20	0	145	4
25	0	150	9
30	0	155	8
35	0	160	6
40	0	165	44
45	2	170	19
50	0	175	9
55	0	180	4
60	0		
65	0		
70	0		
75	0		
80	0		
85	0		
90	0		
95	0		
100	2		
105	0		
110	3		
115	3		
120	3		

LOS ANGELES DESERT STUDY TEST 1

TRAV. 2-6



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)

TIME: 1135 - 1625 PDT, 7/10/81

2-6 TRAV LAD-1

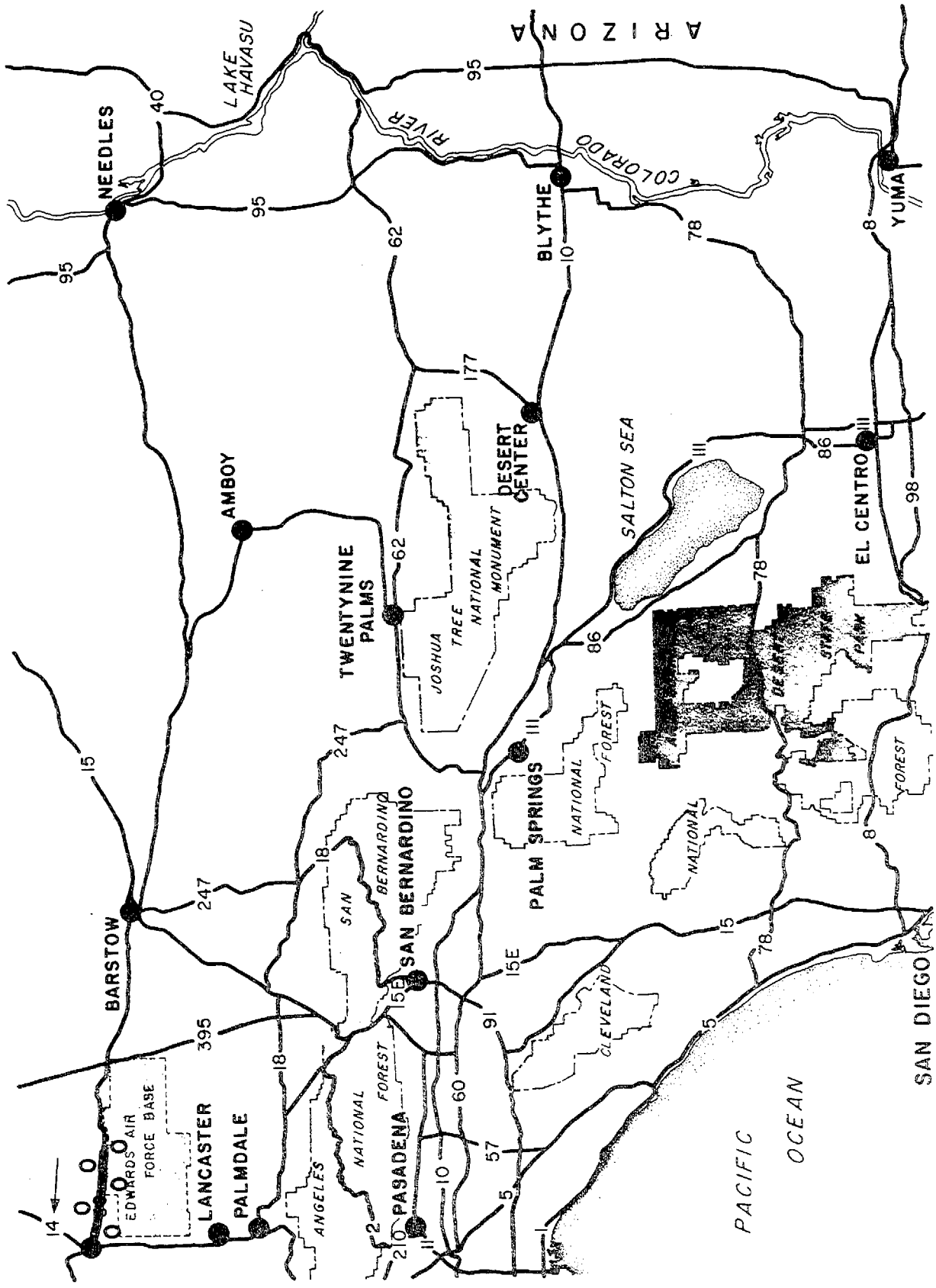
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1135 PDT, 7/10/81 ON 15 IN VICTORVILLE
TRAVERSE END: 1625 PDT AT CALTECH (PASADENA)
TRAVERSE ROUTE: S 15, 15E, 91 TO CENTRAL AVE (RIVERSIDE); N 91; W 60; N 15; W 10; E 4TH; N ARCHIBALD; W ARROW HWY; N 83; W FOOTHILL, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	1
15	0
20	0
25	0
30	0
35	0
40	0
45	0
50	0
55	0
60	0
65	0
70	2
75	0
80	0
85	0
90	0
95	2
100	0
105	0
110	0

Los Angeles Desert Study Test 1
Trav. 2-7



The numbers indicated SF_6 concentration (PPT)
Time: 1137 - 1156 PDT, 7/10/81

2-7 TRAV LAD-1

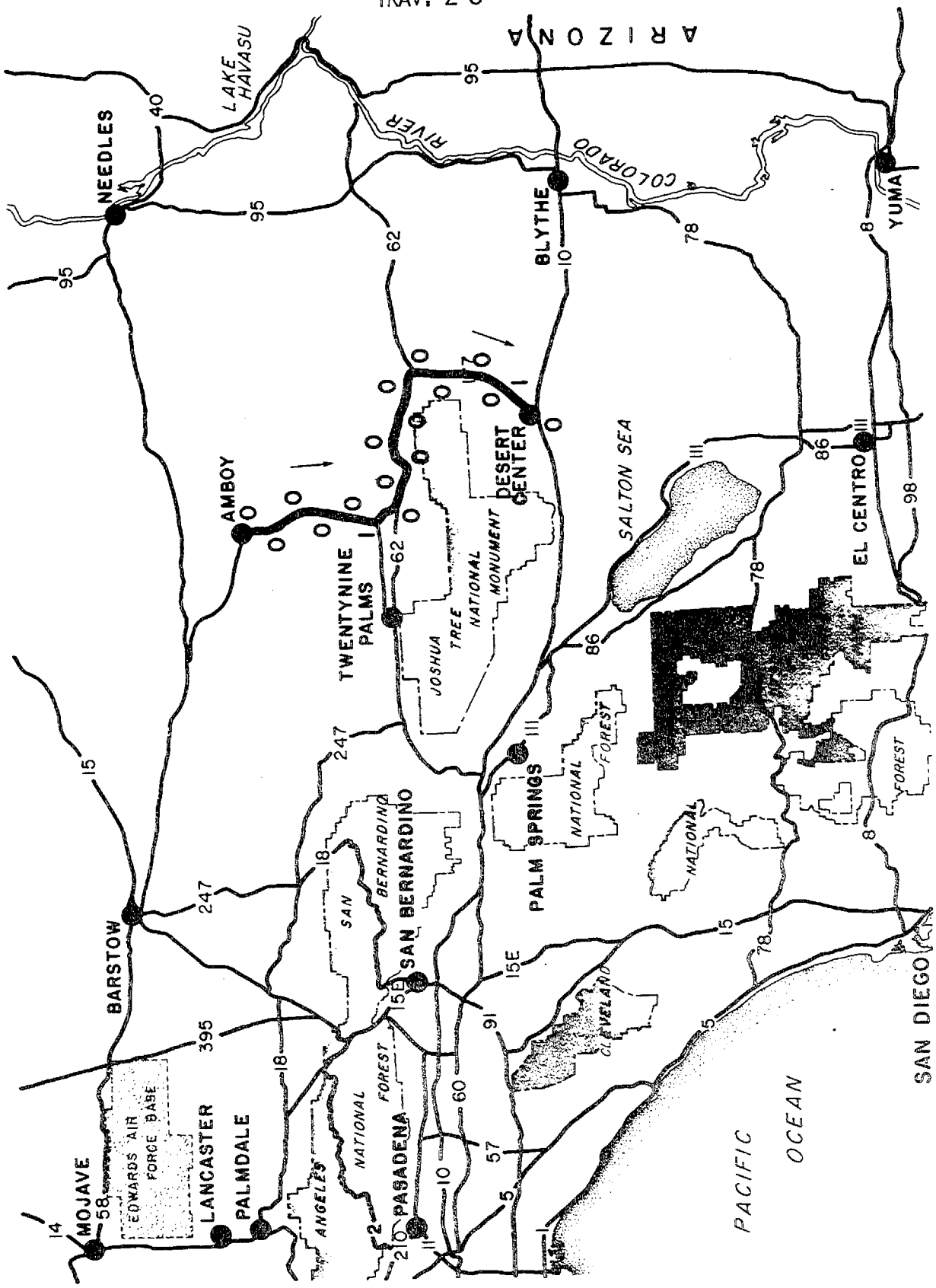
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1137 PDT, 7/10/81 AT 58 & EXIT FOR EDWARDS AFB
TRAVERSE END: 1156 PDT ON 58 IN MOJAVE
TRAVERSE ROUTE: W ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	0
17	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-8



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1137 - 1326 PDT, 7/10/81

2-8 TRAV LAD-1

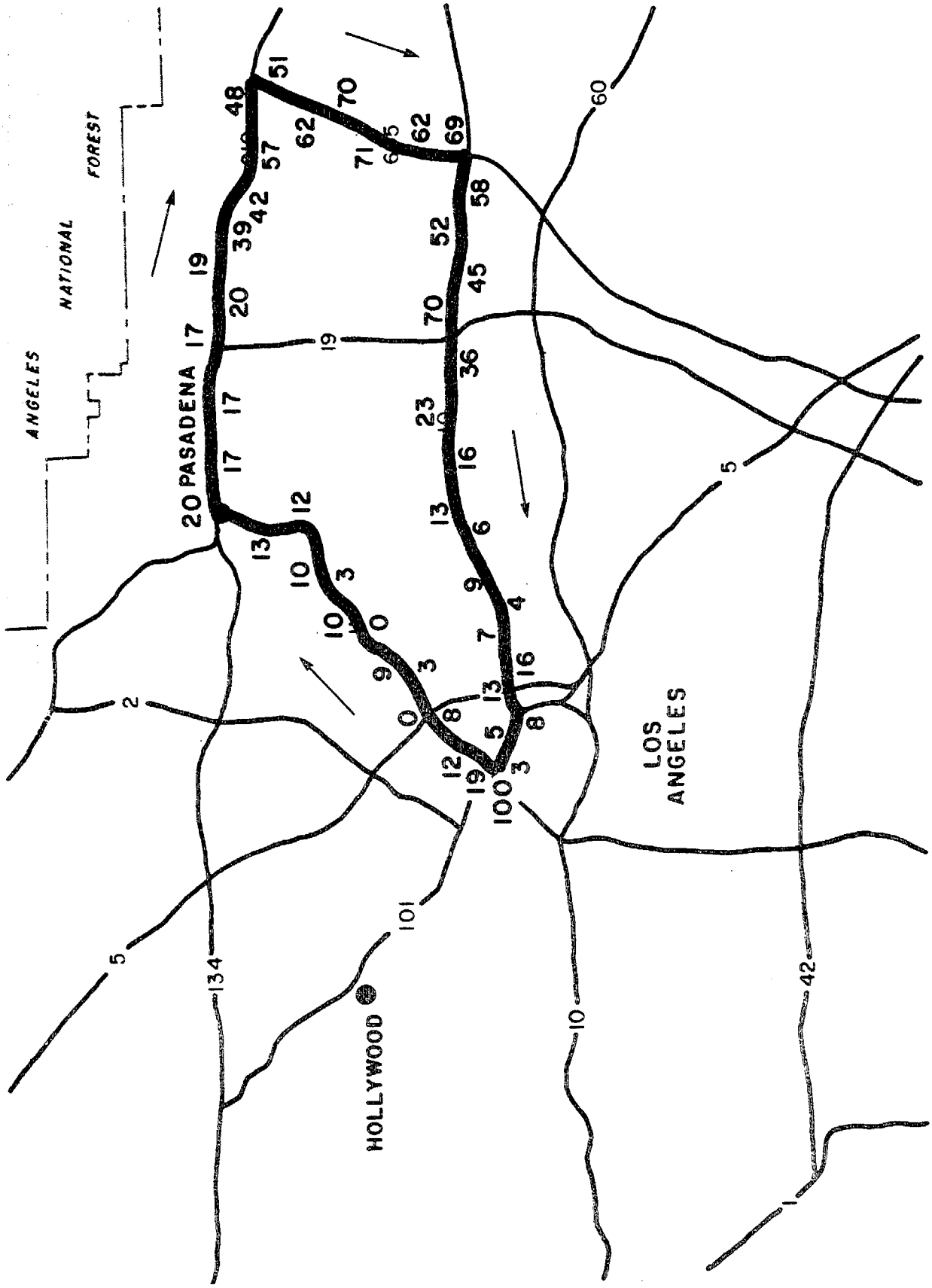
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1137 PDT, 7/10/81 ON AMBOY RD (AMBOY)
TRAVERSE END: 1326 PDT ON 177 IN DESERT CENTER
TRAVERSE ROUTE: S ON AMBOY RD; E ON 62; S ON 177

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	0
20	0
25	0
30	0
35	0
40	0
45	0
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-10



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1344 - 1434 PDT, 7/10/81

2-10 TRAV LAD-1

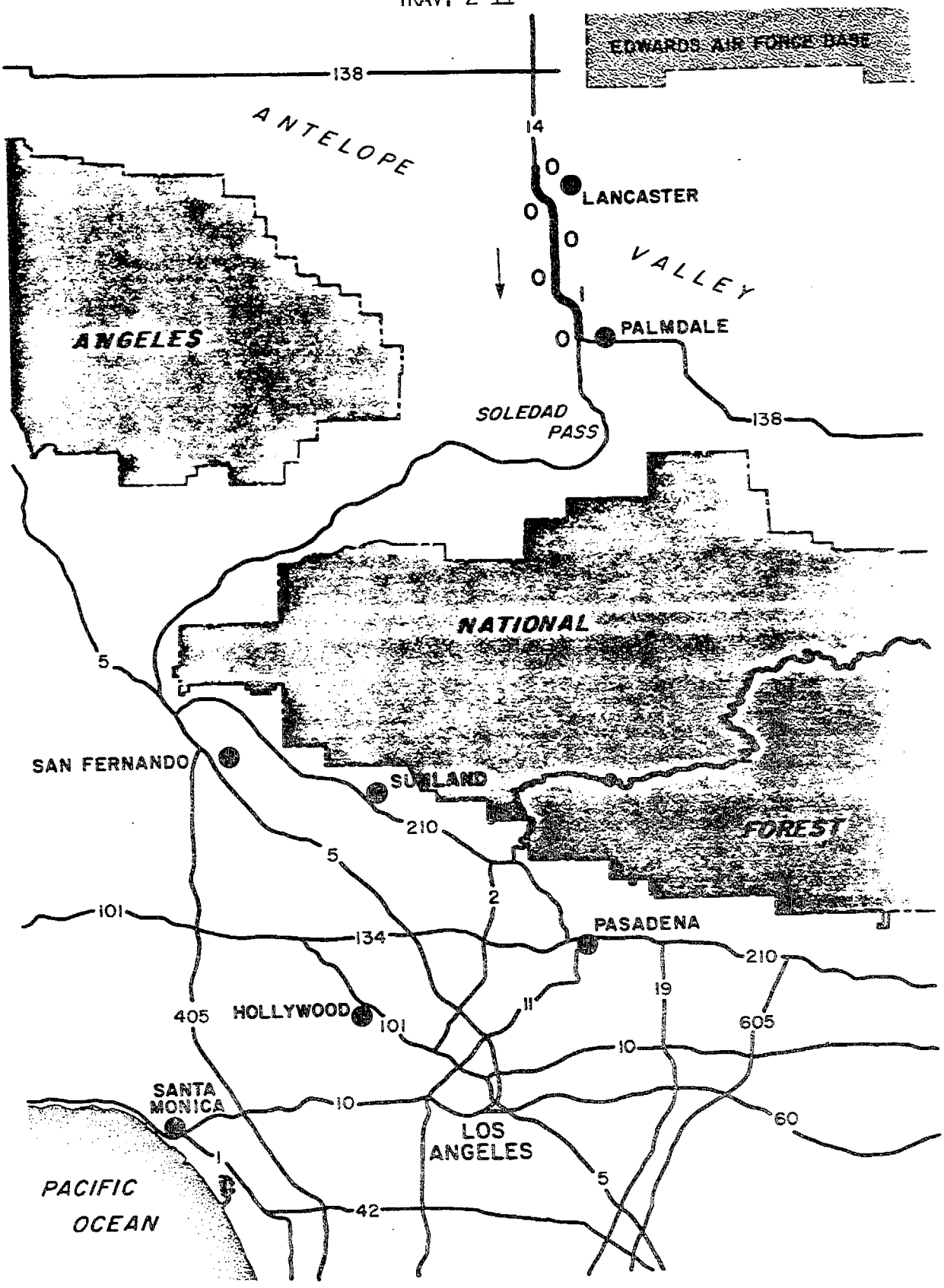
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1344 PDT, 7/10/81 AT 210 & HILL AVE (PASADENA)
TRAVERSE END: 1434 PDT AT ARROYO PKWY & END OF 11 (PASADENA)
TRAVERSE ROUTE: E ON 210; S ON 605; W ON 10; N ON 11

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	20	25	9
1	17	26	4
2	17	27	7
3	17	28	16
4	20	29	13
5	19	30	8
6	39	31	5
7	42	32	3
8	57	33	99
9	48	34	19
10	51	35	12
11	62	36	8
12	70	37	0
13	71	38	3
14	62	39	9
15	69	40	0
16	58	41	10
17	52	42	3
18	45	43	10
19	70	44	12
20	36	45	13
21	23		
22	16		
23	13		
24	6		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-11



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1359 - 1410 PDT, 7/10/81

2-11 TRAV LAD-1

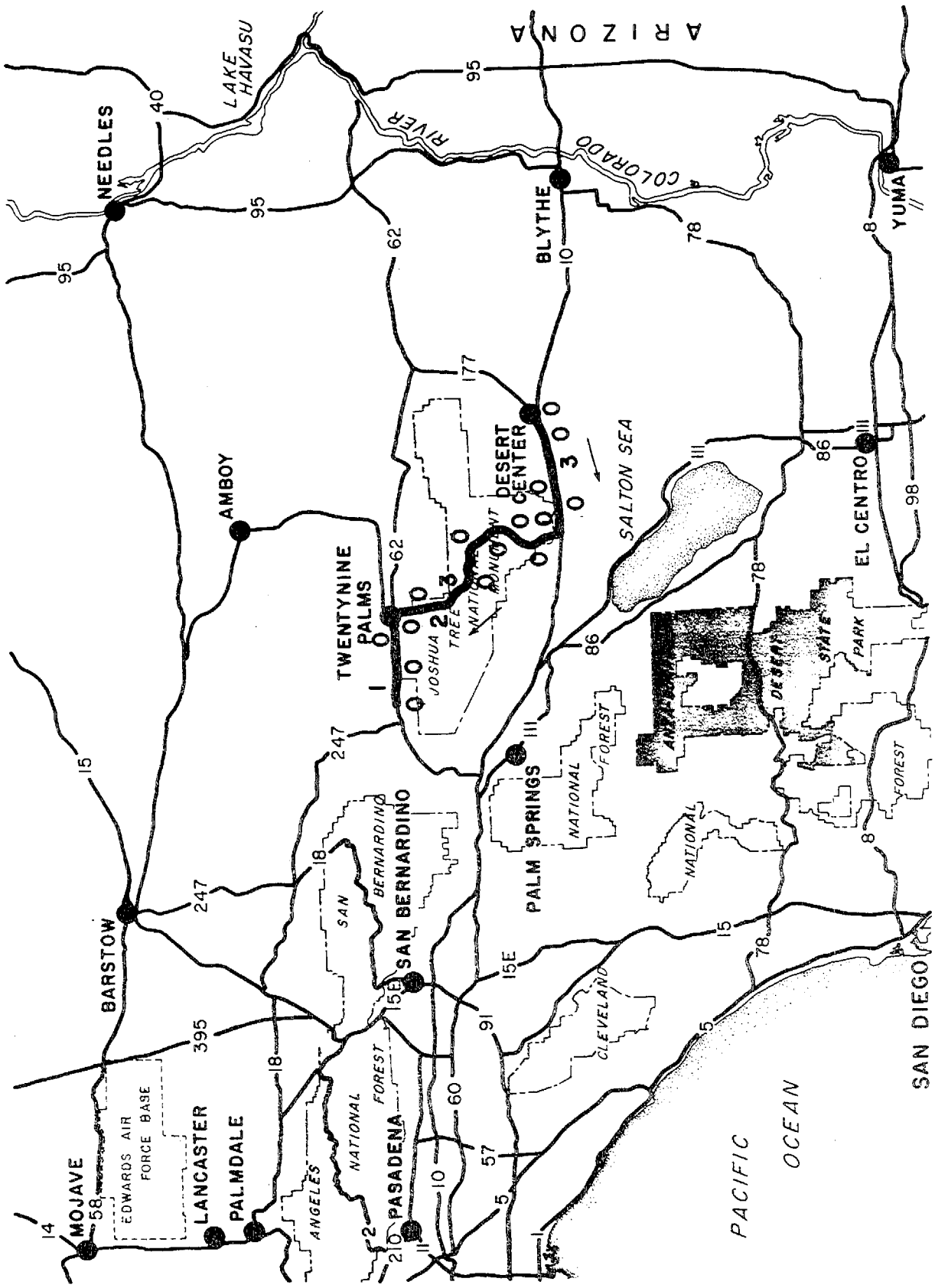
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1359 PDT, 7/10/81 AT AVENUE I & 14 (LANCASTER)
TRAVERSE END: 1410 PDT AT 138 & 14 (PALMDALE)
TRAVERSE ROUTE: S ON 14

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
2	0
4	0
6	0
8	1
10	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-12



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1408 - 1710 PDT, 7/10/81

2-12 TRAV LAD-1

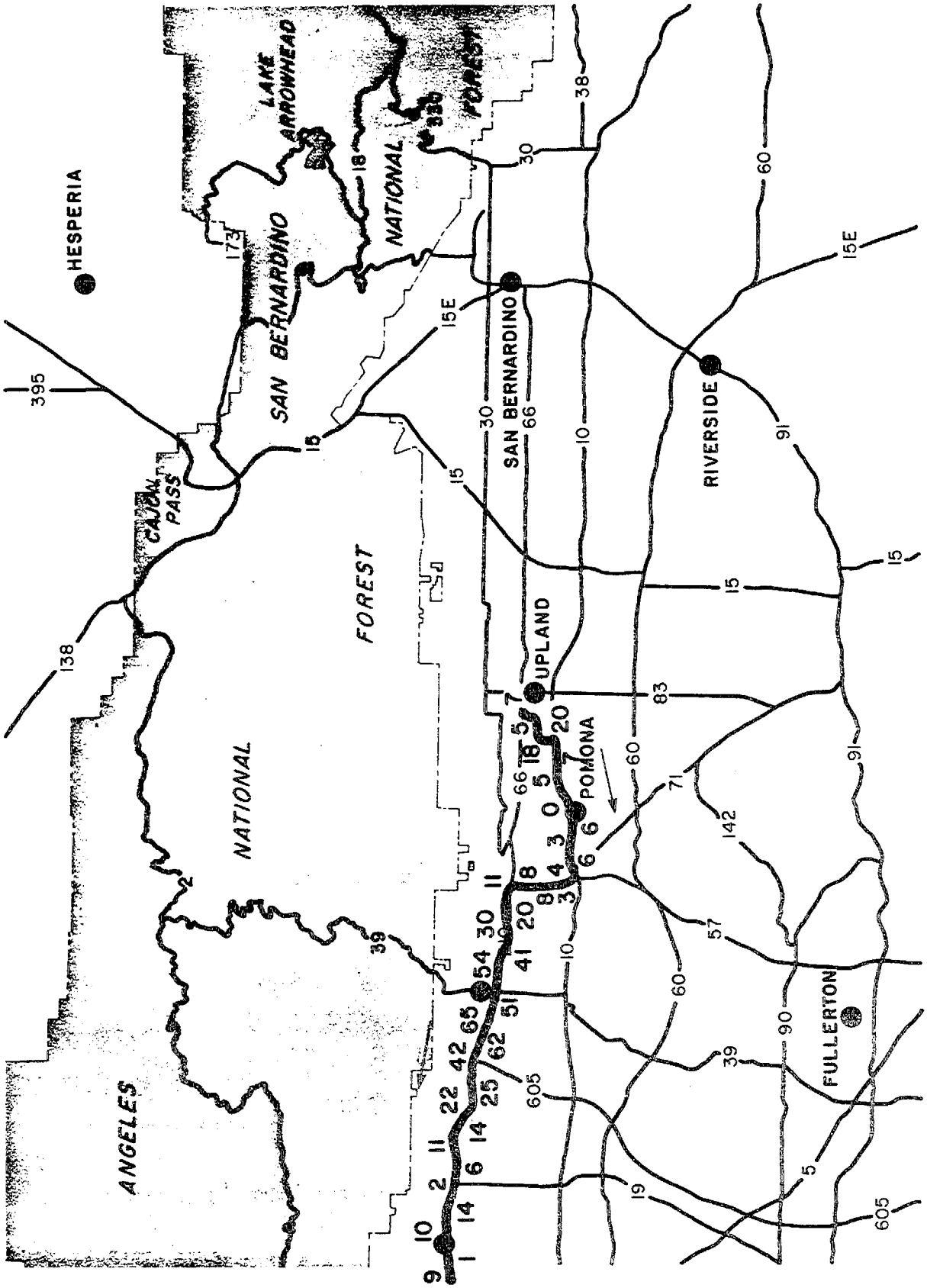
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1408 PDT, 7/10/81 ON 10 IN DESERT CENTER
TRAVERSE END: 1705 PDT 3 MI W OF JOSHUA TREE CITY ON 62
TRAVERSE ROUTE: W ON 10; N ON UTAH TR; W ON 62

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	3
15	0
20	0
25	0
30	0
35	0
40	0
45	0
50	0
55	3
60	2
65	0
70	0
75	0
80	0
85	1
90	0

Los Angeles Desert Study Test 1
Trav. 2-13



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1421 - 1457 PDT, 7/10/81

2-13 TRAV LAD-1

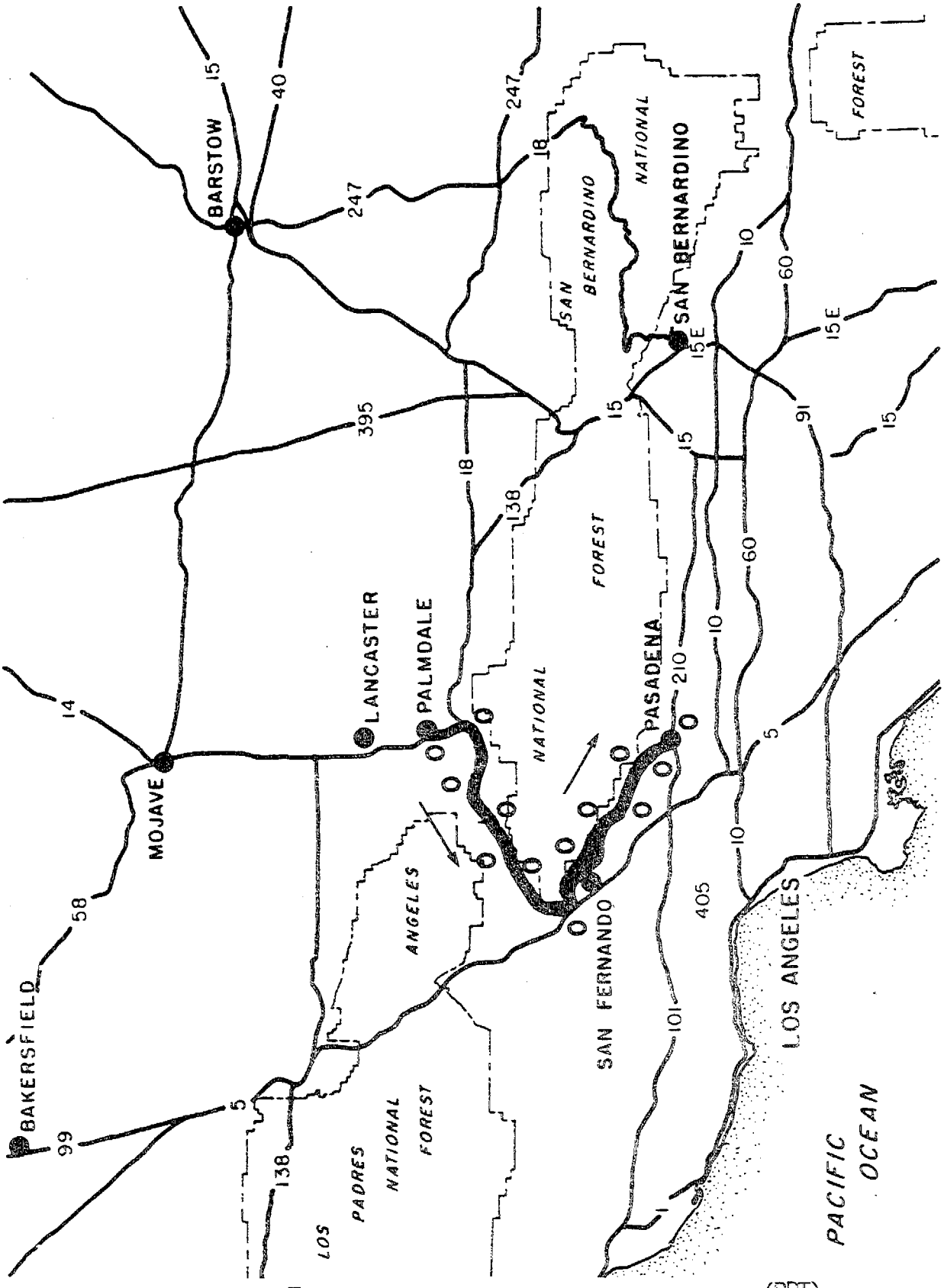
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1421 PDT, 7/10/81 AT MOUNTAIN & FOOTHILL (UPLAND)
TRAVERSE END: 1457 PDT AT 210 & DEL MAR (PASADENA)
TRAVERSE ROUTE: S ON MOUNTAIN; W ON BONITA; S ON TOWNE; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	7	25	11
1	5	26	6
2	18	27	2
3	20	28	12
4	7	29	10
5	5	30	1
6	0	31	9
7	3		
8	6		
9	3		
10	4		
11	8		
12	8		
13	11		
14	20		
15	30		
16	41		
17	54		
18	51		
19	65		
20	62		
21	42		
22	25		
23	22		
24	14		

Los Angeles Desert Study Test 1
Trav. 2-14



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)

Time: 1514 - 1621 PDT 7/10/81

2-14 TRAV LAD-1

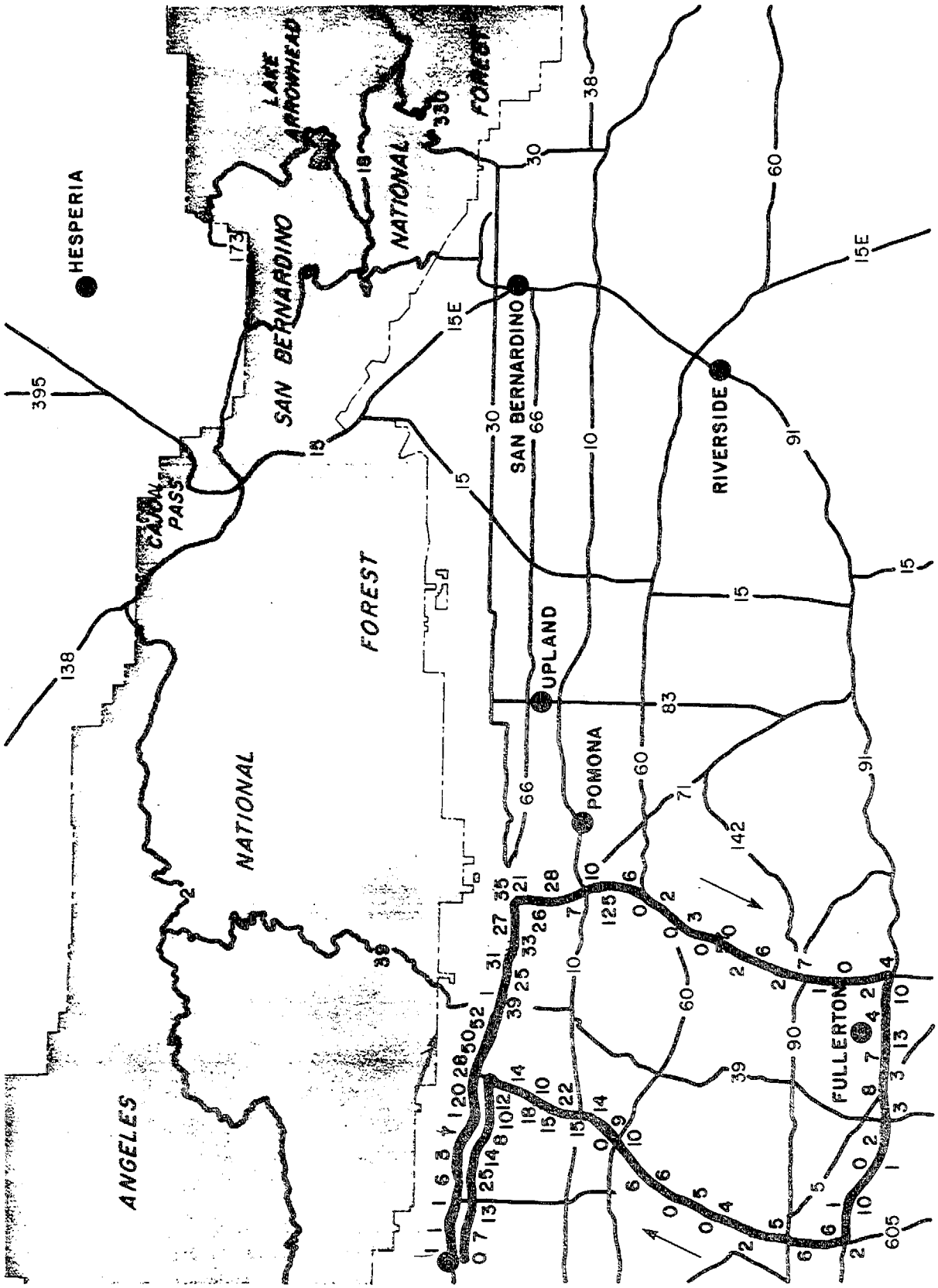
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1514 PDT, 7/10/81 AT 138 (PALMDALE RD) & 14 (PALMDALE)
TRAVERSE END: 1621 PDT AT 210 & 134 (PASADENA)
TRAVERSE ROUTE: S ON 14, 5; E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	50	0
2	0	52	0
4	0	54	0
6	0	56	0
8	0	58	0
10	0	60	0
12	0	62	0
14	1		
16	0		
18	0		
20	3		
22	0		
24	0		
26	0		
28	0		
30	0		
32	0		
34	0		
36	0		
38	0		
40	0		
42	0		
44	0		
46	0		
48	0		

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-15



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1648 - 1814 PDT, 7/10/81

2-15 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1648 PDT, 7/10/81 AT HILL AVE & 210 (PASADENA)
TRAVERSE END: 1814 PDT AT MADRE ST & 210 (PASADENA)
TRAVERSE ROUTE: E ON 210; S ON 57; W ON 91; N ON 605; W ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	1	25	0	50	1
1	1	26	2	51	2
2	1	27	0	52	6
3	6	28	3	53	6
4	3	29	0	54	5
5	7	30	0	55	2
6	1	31	2	56	4
7	20	32	6	57	0
8	28	33	2	58	5
9	50	34	7	59	0
10	52	35	1	60	6
11	39	36	0	61	6
12	1	37	2	62	10
13	25	38	4	63	9
14	31	39	10	64	0
15	33	40	4	65	14
16	27	41	13	66	15
17	35	42	7	67	22
18	21	43	3	68	15
19	26	44	8	69	10
20	28	45	3	70	18
21	7	46	2	71	14
22	10	47	1	72	12
23	127	48	0	73	10
24	6	49	10	74	8

2-15 TRAV LAD-1

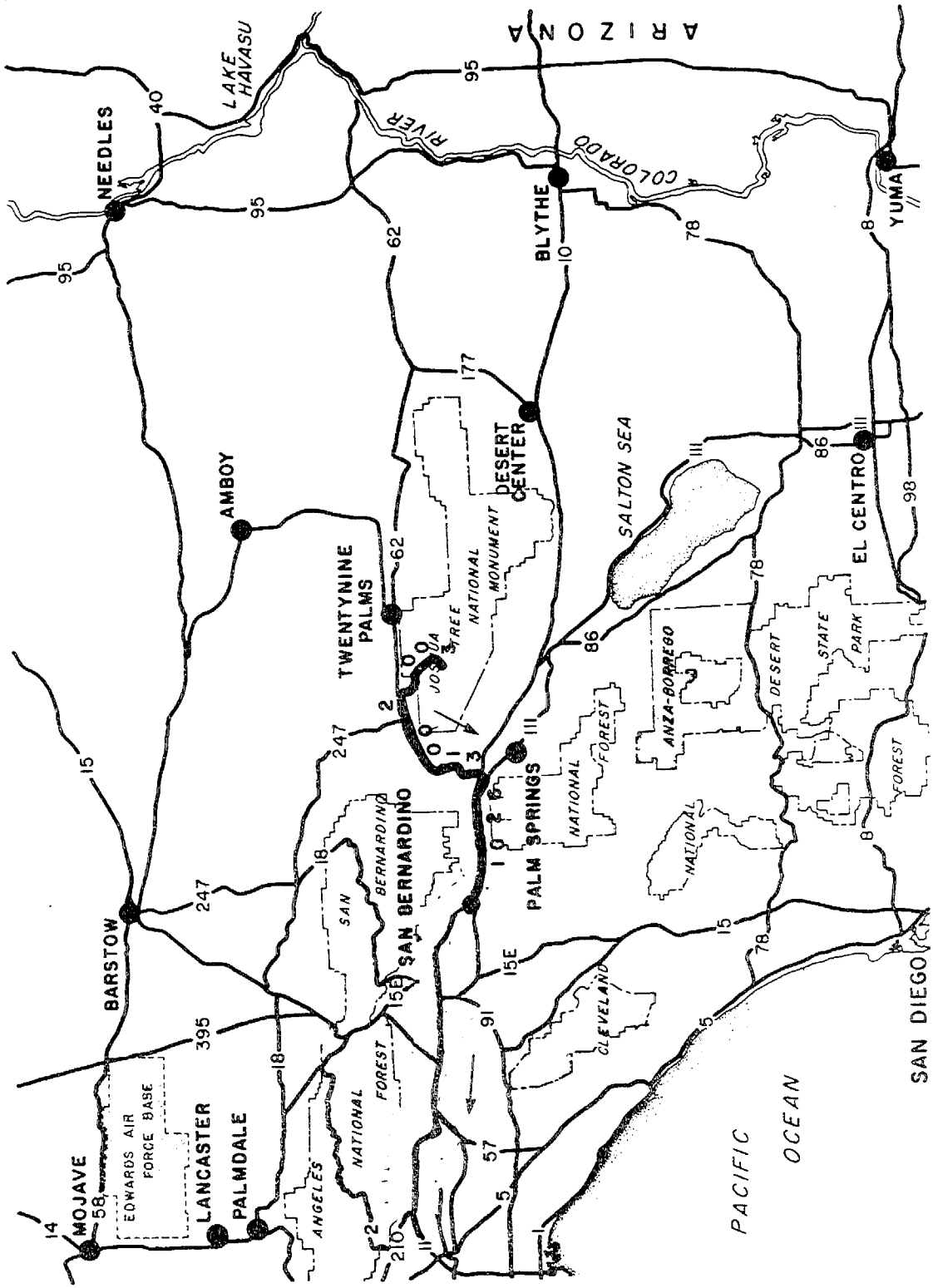
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1648 PDT, 7/10/81 AT HILL AVE & 210 (PASADENA)
TRAVERSE END: 1814 PDT AT MADRE ST & 210 (PASADENA)
TRAVERSE ROUTE: E ON 210; S ON 57; W ON 91; N ON 605; W ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	14
76	25
77	13
78	7
79	0

LOS ANGELES DESERT STUDY TEST 1
TRAV. 2-16



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1800 - 2035 PDT, 7/10/81

2-16 TRAV LAD-1

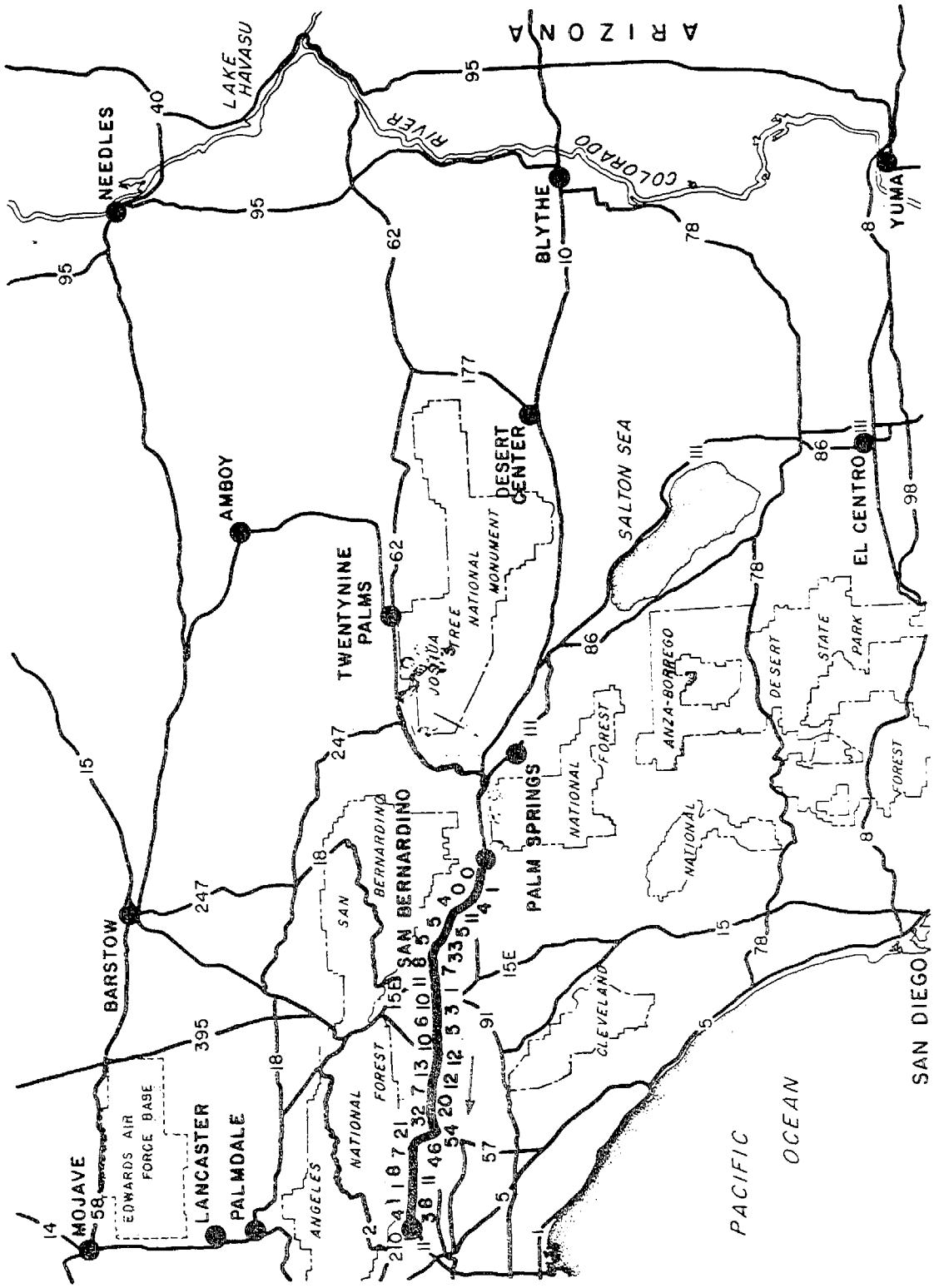
RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1800 PDT, 7/10/81 ON PARK BLVD IN JOSHUA TREE
TRAVERSE END: 1912 PDT ON 10 IN BANNING
TRAVERSE ROUTE: S ON PARK BLVD; W ON 62, 10

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	3
5	0
10	0
15	2
20	0
25	0
30	1
35	3
40	0
45	2
50	0
55	1

Los Angeles Desert Study Test 1
Trav. 2-17



THE NUMBERS INDICATED SF_6 CONCENTRATION (PPT)
TIME: 1912 - 2035 PDT, 7/10/81

2-17 TRAV LAD-1

RELEASE: 103 LBS SF6/HR AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1912 PDT, 7/10/81 ON 10 IN BANNING
TRAVERSE END: 2035 PDT ON 210 IN ARCADIA
TRAVERSE ROUTE: W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	1	50	32
2	0	52	54
4	1	54	46
6	0	56	21
8	4	58	7
10	4	60	8
12	11	62	1
14	5	64	9
16	5	66	1
18	5	68	8
20	33	70	4
22	8	72	3
24	7		
26	11		
28	1		
30	10		
32	3		
34	6		
36	5		
38	10		
40	12		
42	13		
44	14		
46	7		
48	20		

Appendix A3

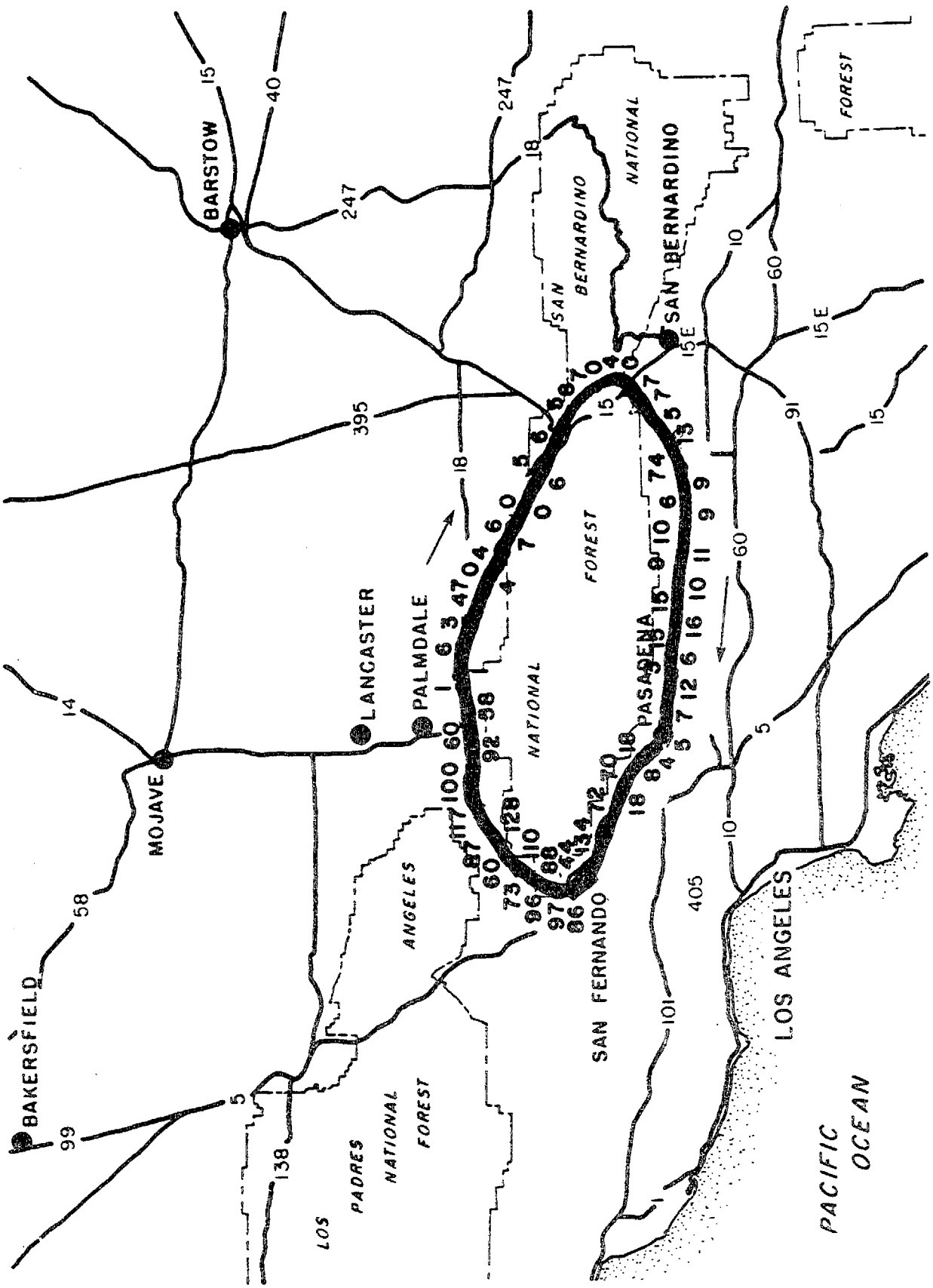
Airplane Traverse Tracer Data

for

Test 1

Conducted Starting July 9, 1981

Los Angeles Desert Study Test 1
Air Trav. 1-1



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1346 - 1503 PDT, 7/9/81

1-1 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

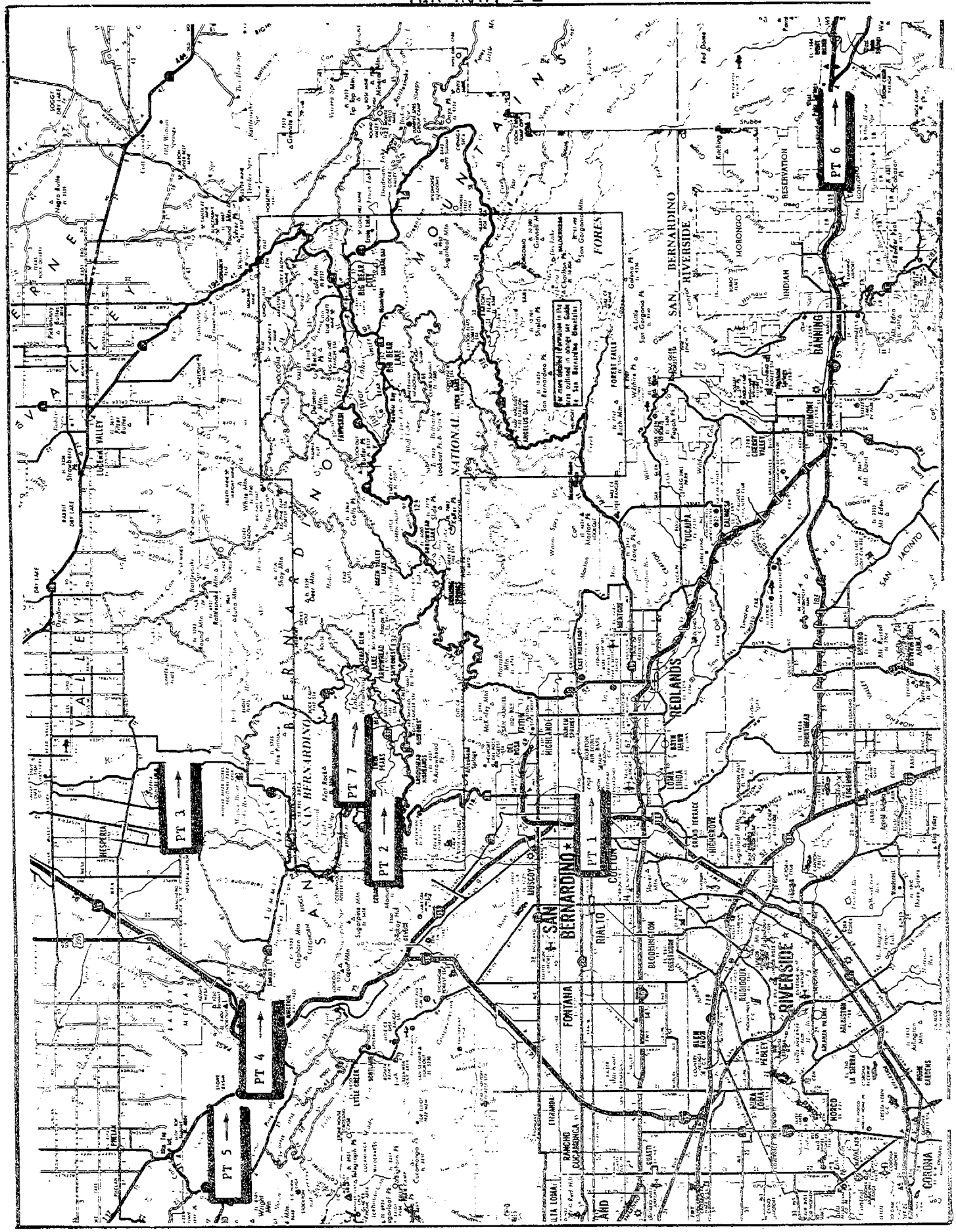
TRAVERSE START: 1346 PDT, 7/9/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1503 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
0	10	25	60	50	7
1	15	26	87	51	0
2	16	27	117	52	4
3	15	28	100	53	0
4	6	29	92	54	7
5	3	30	58	55	7
6	12	31	58	56	5
7	7	32	1	57	13
8	5	33	1	58	74
9	4	34	6	59	9
10	8	35	3	60	6
11	18	36	47	61	9
12	18	37	0	62	10
13	70	38	4	63	11
14	72	39	4		
15	134	40	6		
16	86	41	7		
17	44	42	0		
18	*	43	0		
19	97	44	5		
20	88	45	*		
21	96	46	6		
22	110	47	6		
23	73	48	5		
24	128	49	8		

Los Angeles Desert Study Test 1

Air Trav. 1-2



1-2 AIR TRAV LAD-1

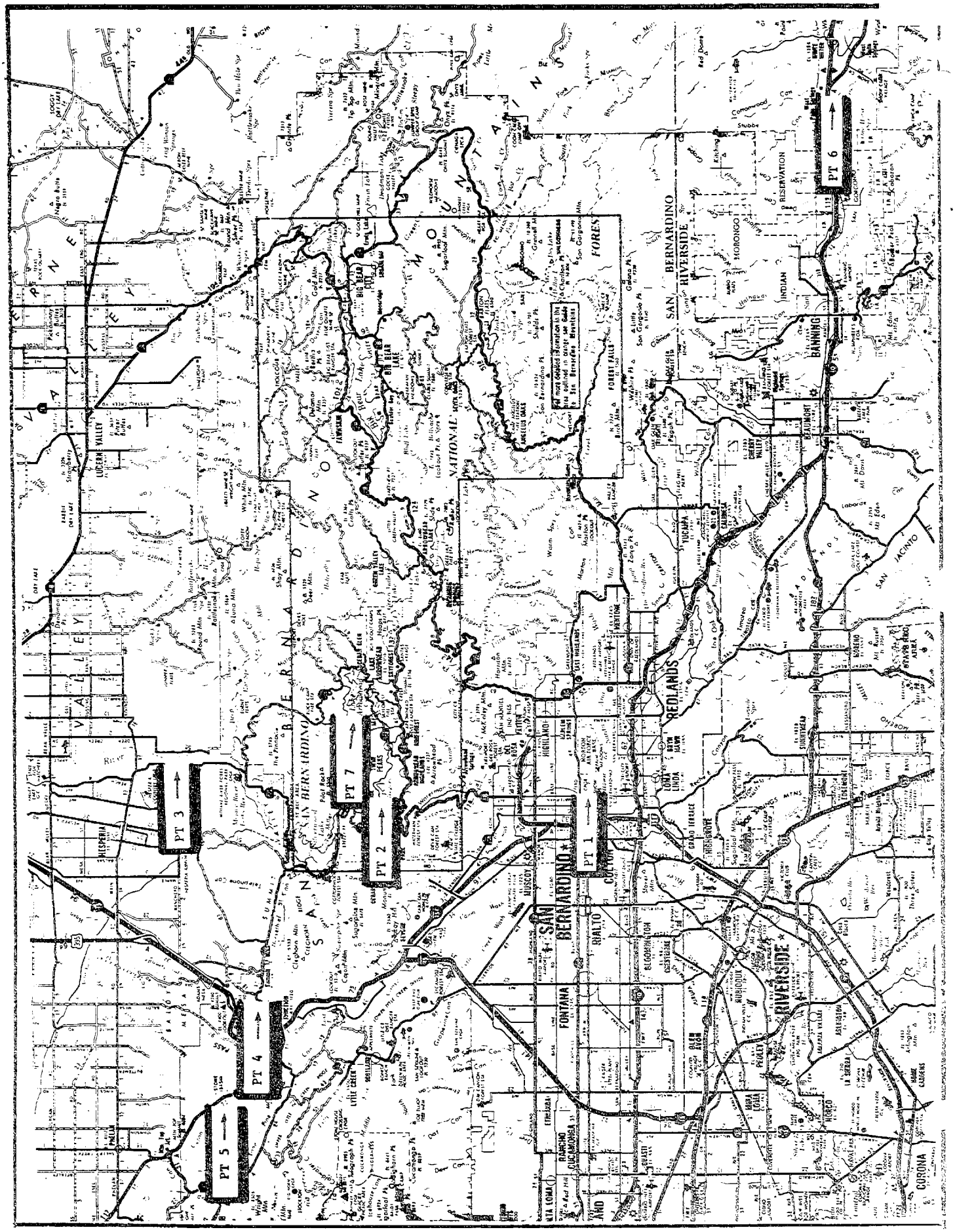
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1546 PDT, 7/9/81 AT PT 1
TRAVERSE END: 1605 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 1

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
1700	10
2200	4
2500	9
3000	12
3500	2
4000	11
4500	7
5000	4
5500	4
6000	4
6500	0
7000	4
7500	3

Los Angeles Desert Study Test 1
Air Trav. 1-3



1-3 AIR TRAV LAD-1

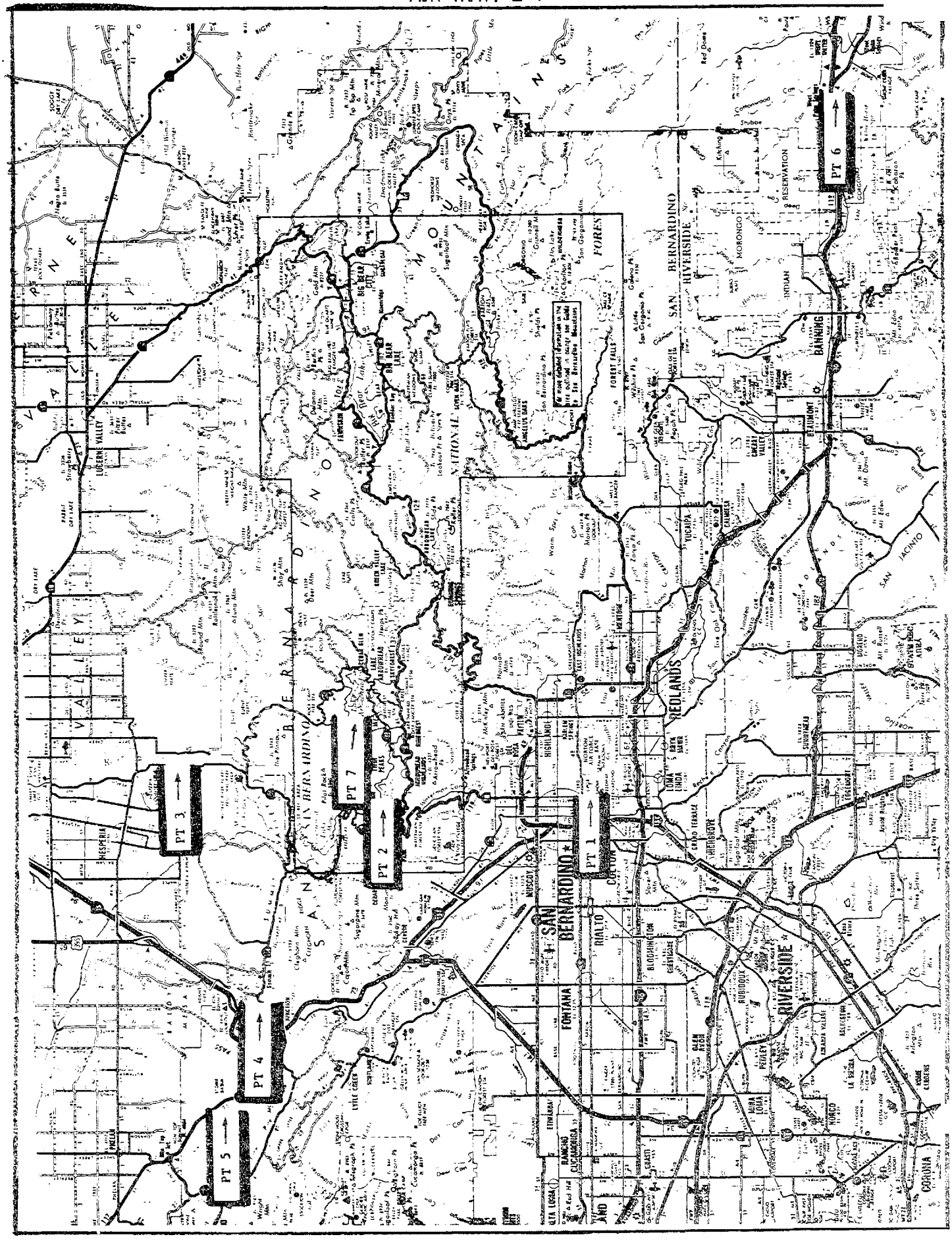
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1608 PDT, 7/9/81 AT PT 2
TRAVERSE END: 1614 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 2

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
8000	1
7500	1
7000	0
6500	0
6000	2
5500	4

Los Angeles Desert Study Test 1
Air Trav. 1-4



1-4 AIR TRAV LAD-1

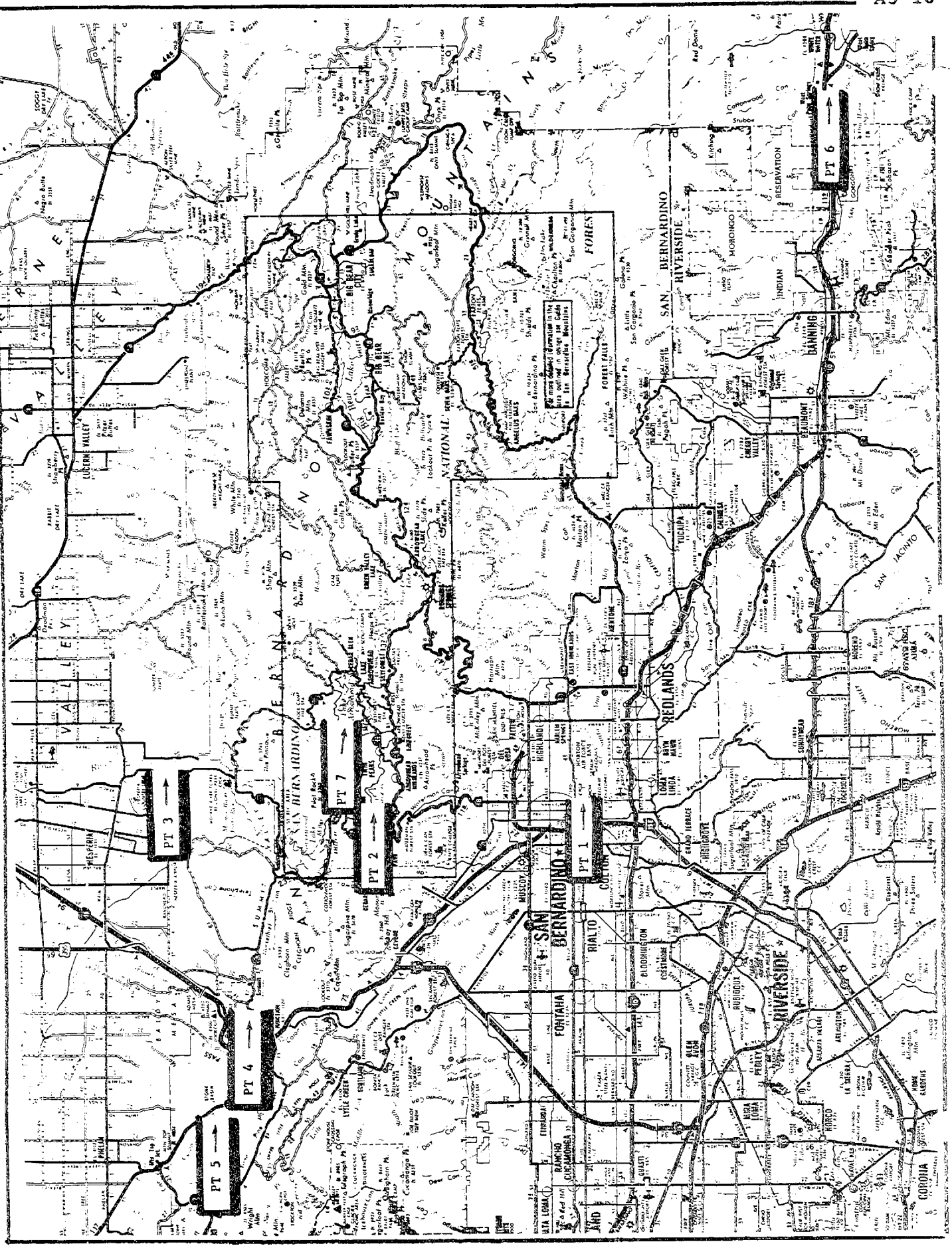
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1620 PDT, 7/9/81 AT PT 3
TRAVERSE END: 1642 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 3

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
3000	7
3500	6
4000	*
4500	6
5000	6
5500	0
6000	5
6500	3
7000	3
7500	9
8000	3
8500	0
9000	*

Los Angeles Desert Study Test 1
Air Trav. 1-5



1-5 AIR TRAV LAD-1

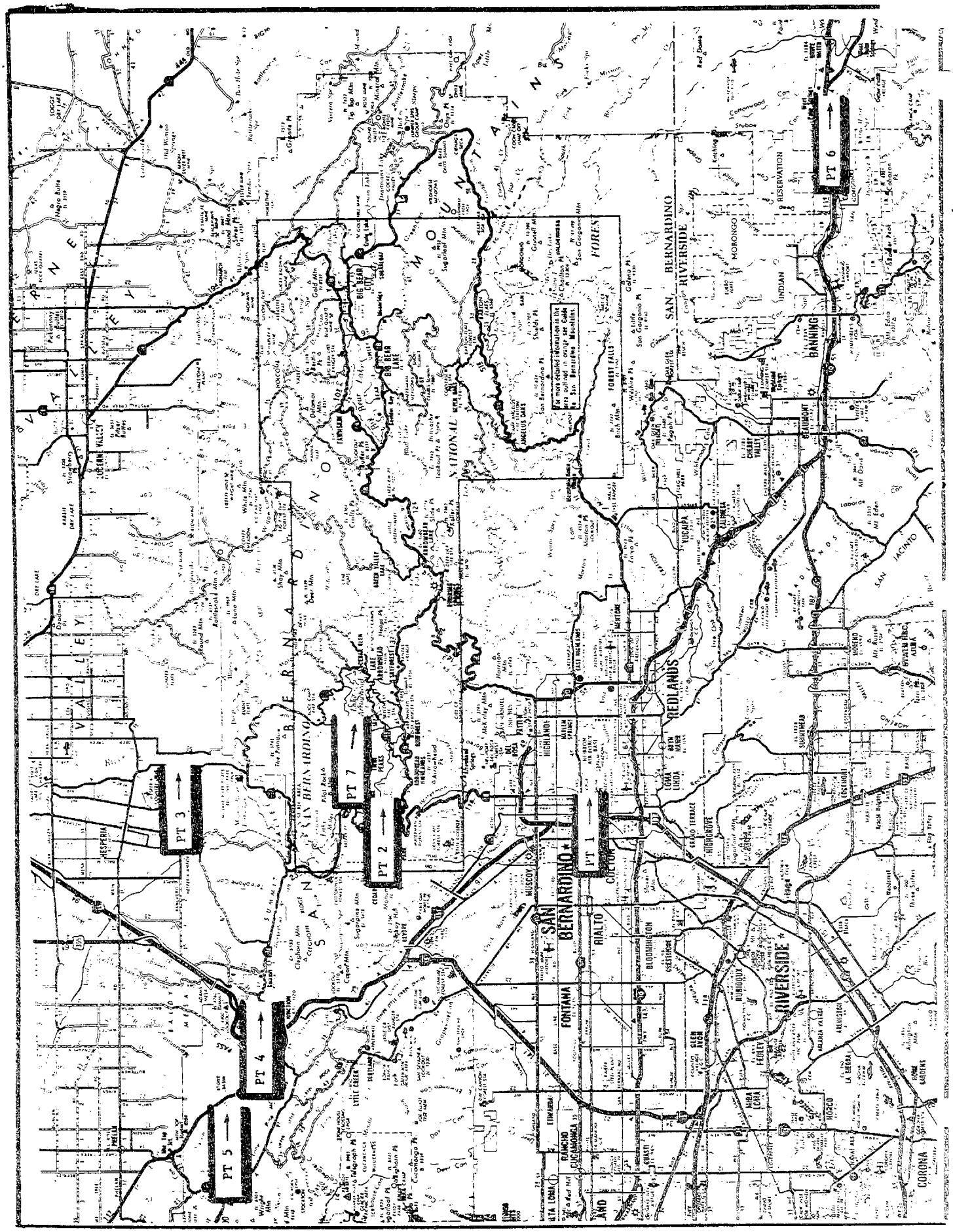
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1640 PDT, 7/9/81 AT BURBANK
TRAVERSE END: 1657 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER BURBANK

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
5600	0
6000	0
6500	0
7000	2
7600	1
8100	0
8500	0
9500	0

Los Angeles Desert Study Test 1
Air Trav. 1-6



1-6 AIR TRAV LAD-1

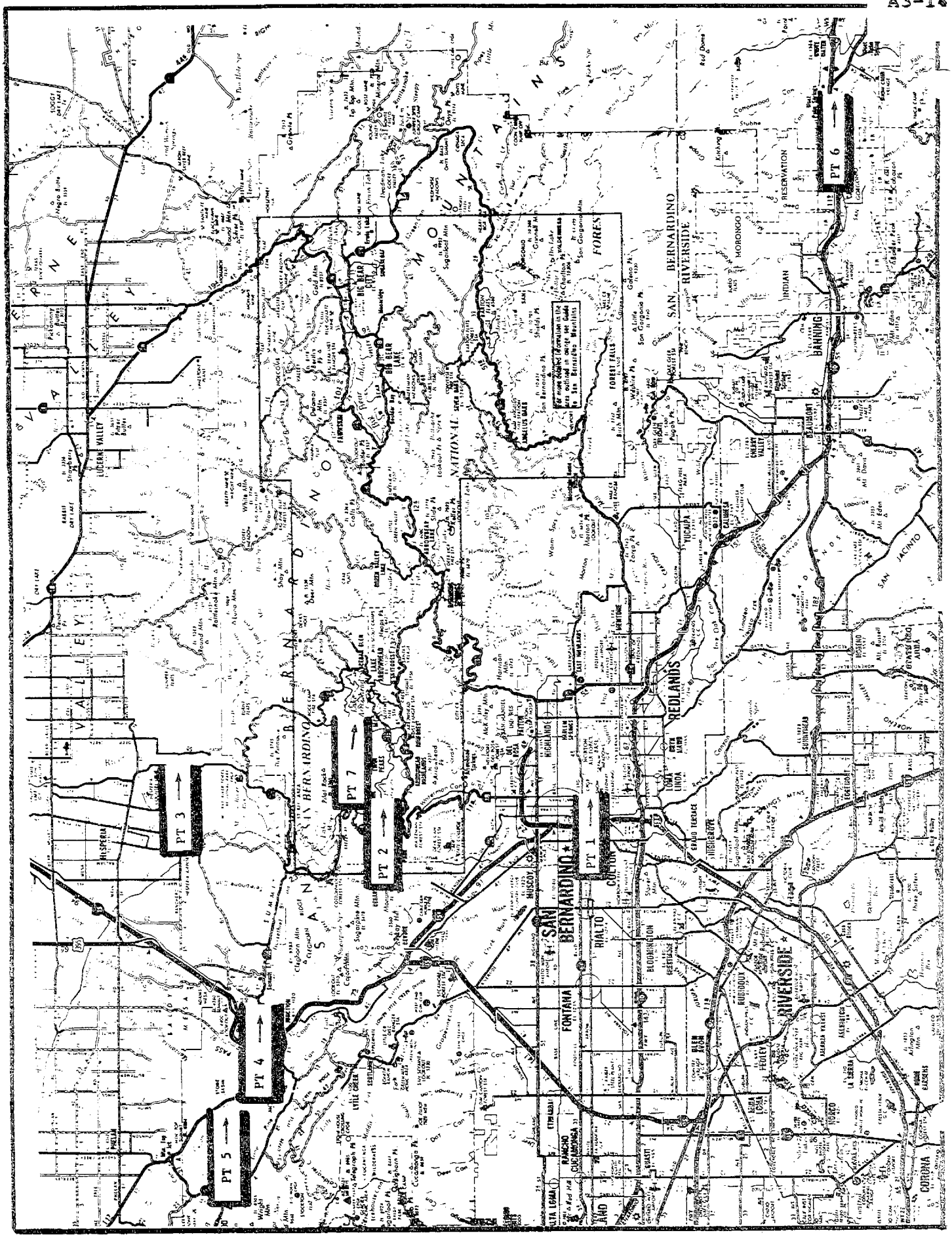
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1654 PDT, 7/9/81 AT PT 4
TRAVERSE END: 1708 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 4

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
10500	1
10000	0
9500	5
9000	3
8500	2
8000	4
7500	0
7000	5
6500	1
6000	0
5500	5
5000	5
4500	2

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-7



1-7 AIR TRAV LAD-1

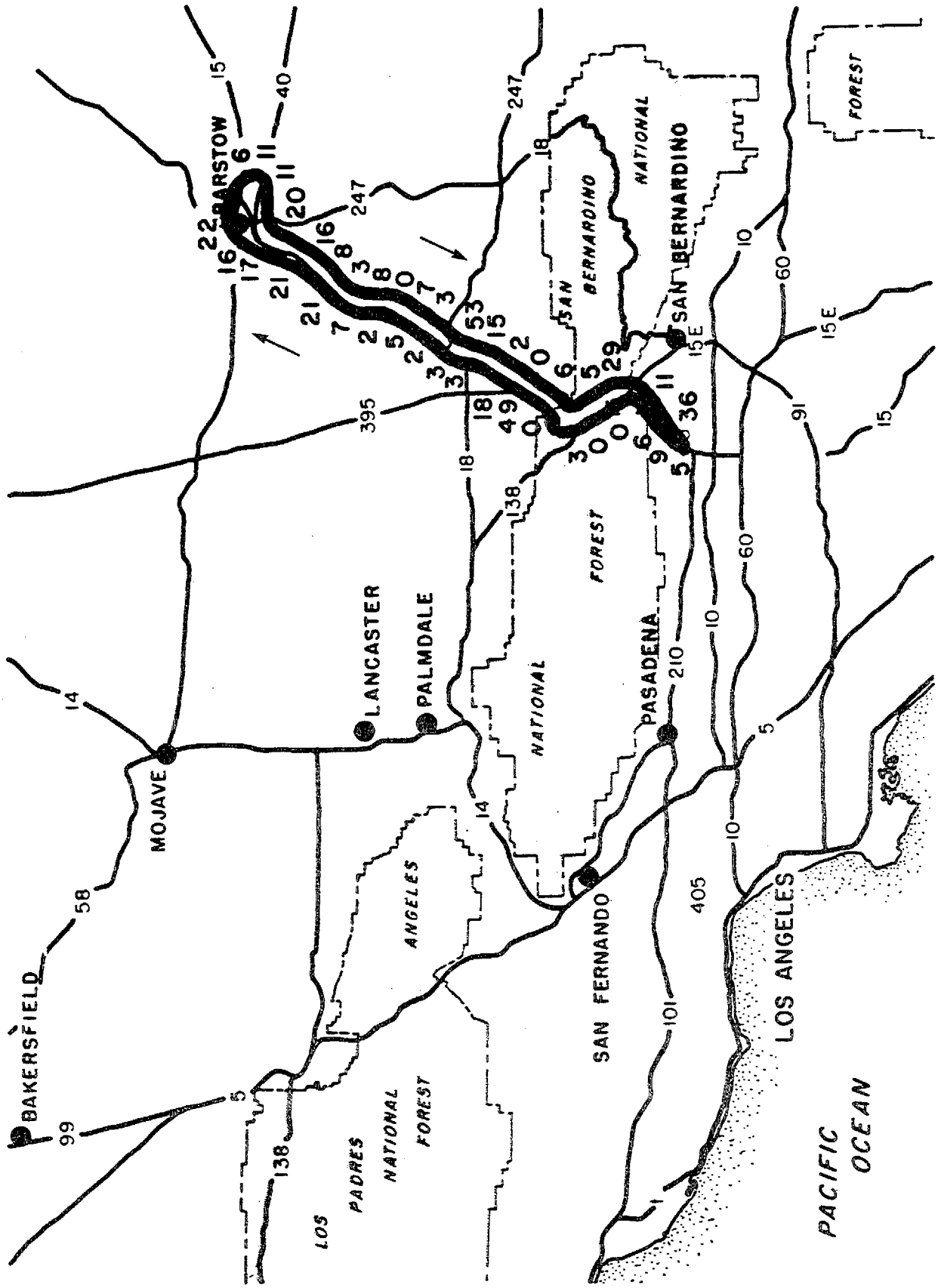
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1718 PDT, 7/9/81 AT PT 5
TRAVERSE END: 1744 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 5

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
4000	3
4500	0
5000	0
5500	1
6000	3
6500	8
7000	6
7500	3
8000	2
8500	7
9000	3
9500	5
10000	0

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-8



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1724 - 1852 PDT, 7/9/31

1-8 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1724 PDT, 7/9/81 AT 15E & 30
TRAVERSE END: 1852 PDT AT THE AQUADUCT & 30
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
0	5	25	2	50	0
1	9	26	7	51	0
2	0	27	3	52	6
3	7	28	5	53	8
4	6	29	6	54	50
5	6	30	2	55	0
6	4	31	0	56	15
7	0	32	4	57	12
8	4	33	5	58	4
9	0	34	4	59	7
10	0	35	0	60	2
11	0	36	2	61	8
12	0	37	12	62	9
13	0	38	0	63	8
14	2	39	7	64	3
15	2	40	9	65	0
16	3	41	3	66	27
17	15	42	21	67	0
18	0	43	26	68	3
19	0	44	21	69	15
20	49	45	17	70	11
21	2	46	19	71	82
22	18	47	16	72	9
23	0	48	22	73	12
24	3	49	11	74	13

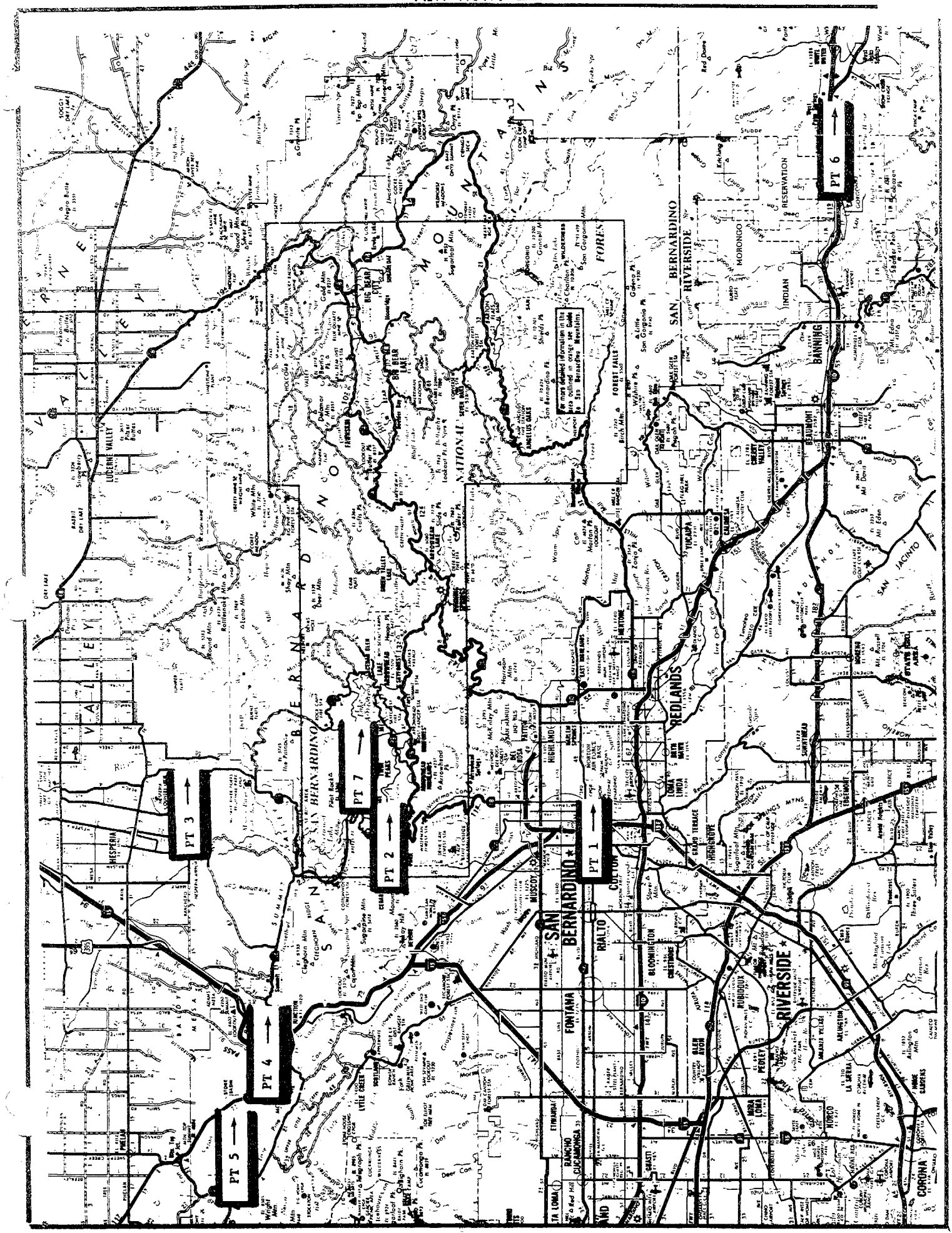
1-8 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

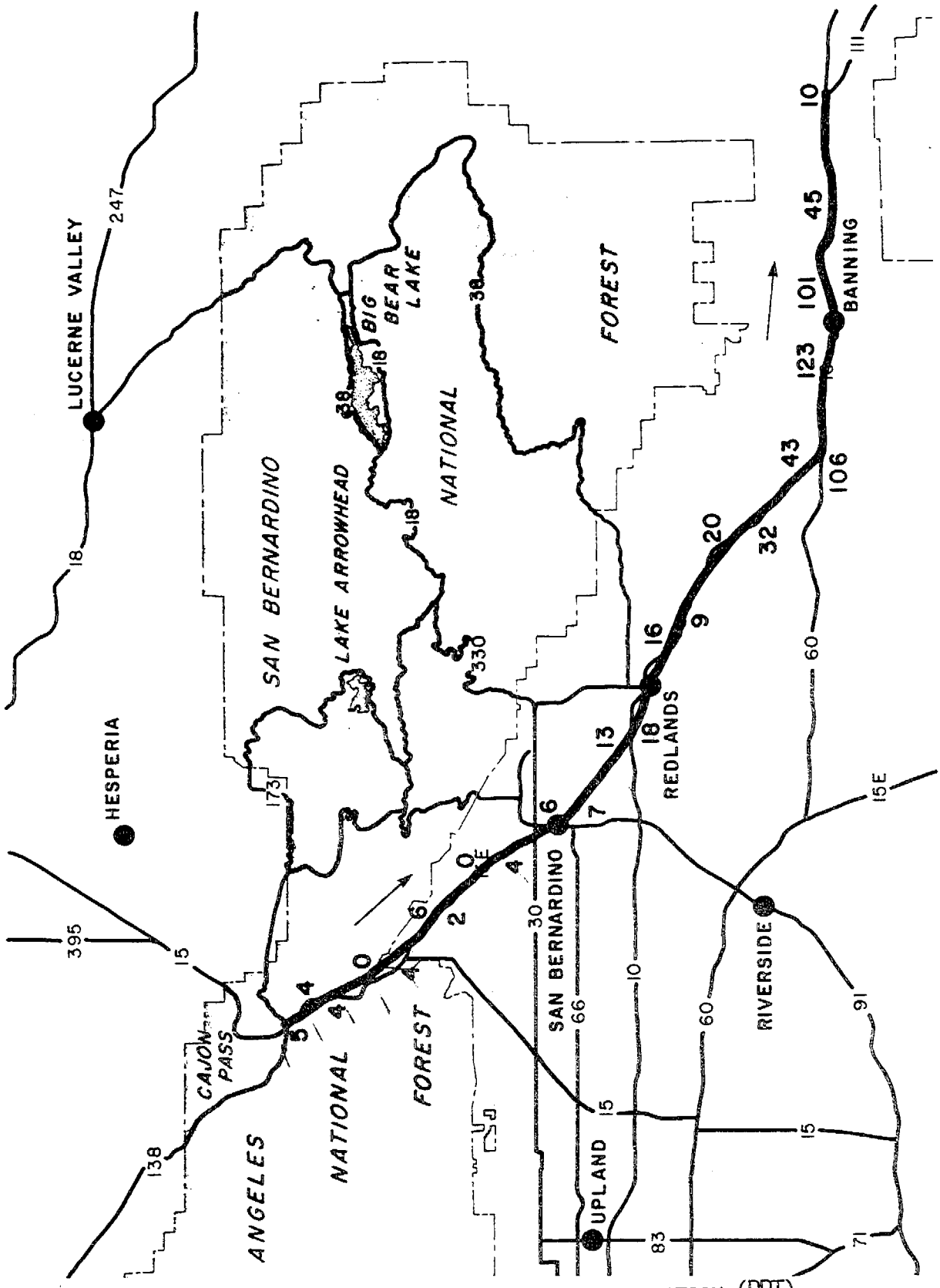
TRAVERSE START: 1724 PDT, 7/9/81 AT 15E & 30
TRAVERSE END: 1852 PDT AT THE AQUADUCT & 30
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
75	14	100	7
76	13	101	3
77	0	102	50
78	12	103	15
79	9	104	6
80	11	105	0
81	9	106	2
82	21	107	2
83	11	108	0
84	18	109	0
85	20	110	4
86	26	111	3
87	20	112	6
88	16	113	2
89	18	114	0
90	8	115	2
91	16	116	5
92	3	117	0
93	*	118	0
94	13	119	29
95	8	120	11
96	0	121	5
97	0	122	8
98	0	123	36
99	7		


PT 1
PT 2
PT 3
PT 4
PT 5
PT 6
PT 7
SAN BERNARDINO
RIVERSIDE
REDLANDS
RIALTO
FONTANA
COLTON
LOMA LINDA
HIGHLAND
MENTONE
BLOOMINGTON
RUBIDOUX
ARLINGTON
MORENO VALLEY
PERRIS VALLEY
SAN JACINTO
HEMET
BANNING
BEAUMONT
CORONA
NORCO
HESPERIA
VICTORVILLE
APPLE VALLEY
LUCERNE VALLEY
BIG BEAR LAKE
SAN BERNARDINO MOUNTAINS
SAN GABRIEL MOUNTAINS
SAN BERNARDINO NATIONAL FOREST
SAN GORGONIO PASS
CAJON PASS
SAN ANDREAS FAULT
SAN JACINTO MTNS
SAN TIMOTEO CANYON
SAN GORGONIO MTN
SAN ANTONIO MTN
CUCAMONGA PEAK
SAN GABRIEL RIVER
SANTA ANA RIVER
MOJAVE RIVER
MORONGO RESERVATION
SOBOBA RESERVATION
AGUA MANSA
CRESTMORE
GRAND TERRACE
HIGHGROVE
MURRIETA HOT SPRINGS
SUNNYMEAD
MORENO
LAKE ELSINORE
LAKE MATHEWS
LAKE PERRIS
LAKE ARROWHEAD
LAKE GREGORY
SILVERWOOD LAKE
CRAFTON HILLS
CALIMESA
YUCAIPA
CHERRY VALLEY
SAN TIMOTEO
SAN JACINTO
SAN JACINTO MTNS
SAN JACINTO PEAK
SAN JACINTO RIVER
SAN JACINTO STATE PARK
SAN JACINTO WILDERNESS
SAN GORGONIO WILDERNESS
SAN GORGONIO PASS
SAN GORGONIO MTN
SAN ANTONIO MTN
CUCAMONGA PEAK
SAN GABRIEL RIVER
SANTA ANA RIVER
MOJAVE RIVER
MORONGO RESERVATION
SOBOBA RESERVATION
AGUA MANSA
CRESTMORE
GRAND TERRACE
HIGHGROVE
MURRIETA HOT SPRINGS
SUNNYMEAD
MORENO
LAKE ELSINORE
LAKE MATHEWS
LAKE PERRIS
LAKE ARROWHEAD
LAKE GREGORY
SILVERWOOD LAKE
CRAFTON HILLS
CALIMESA
YUCAIPA
CHERRY VALLEY
SAN TIMOTEO
SAN JACINTO
SAN JACINTO MTNS
SAN JACINTO PEAK
SAN JACINTO RIVER
SAN JACINTO STATE PARK
SAN JACINTO WILDERNESS
SAN GORGONIO WILDERNESS

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-9



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1744-1812 PDT, 7/9/81

1-9 AIR TRAV LAD-1

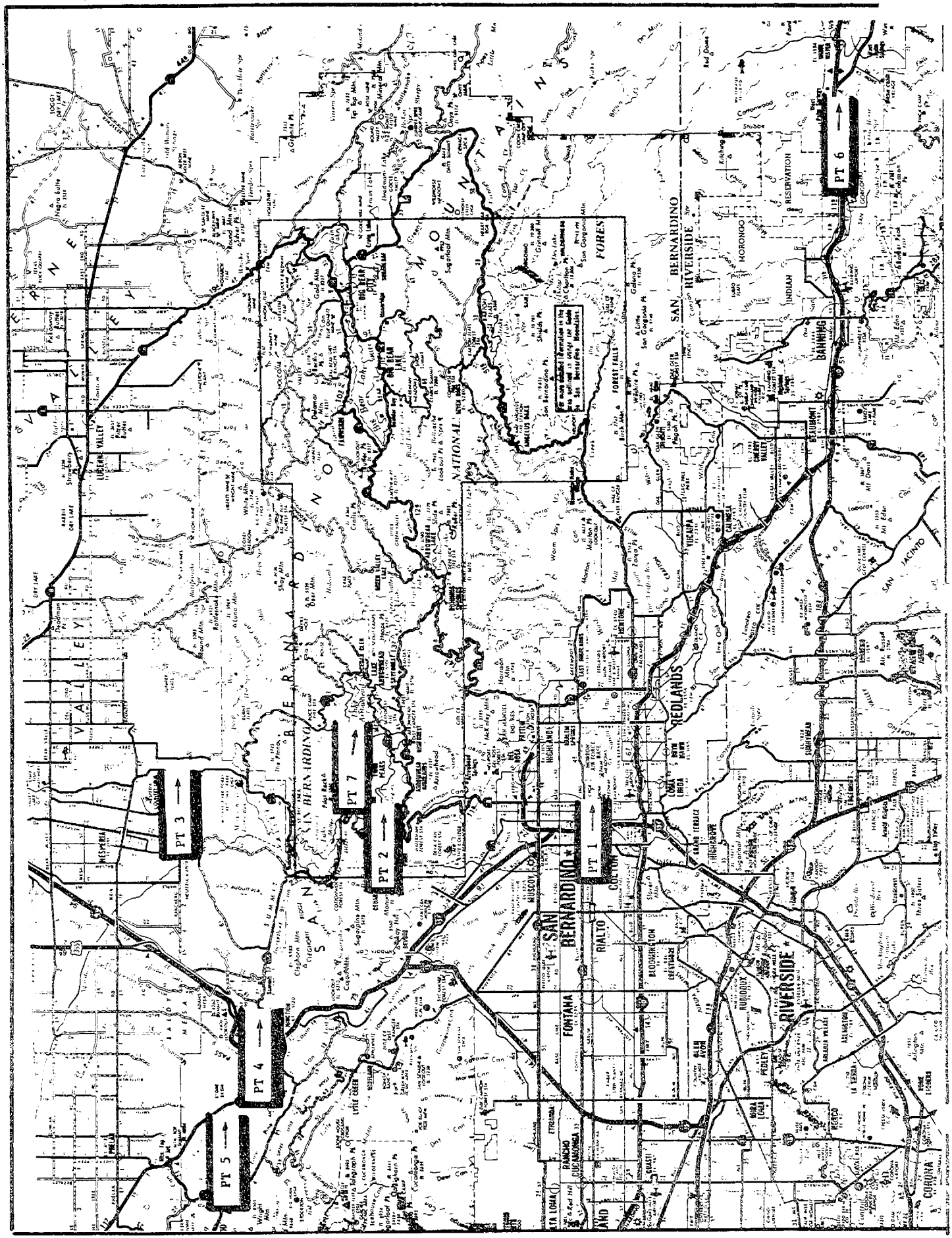
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1744 PDT, 7/9/81 AT PT 5
TRAVERSE END: 1812 PDT AT PT 6
TRAVERSE ROUTE: PT 5 TO PT 6

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
0	5	25	*
1	4	26	45
2	4	27	*
3	0	28	10
4	4		
5	6		
6	2		
7	0		
8	4		
9	6		
10	7		
11	*		
12	13		
13	18		
14	*		
15	16		
16	9		
17	*		
18	20		
19	32		
20	*		
21	43		
22	106		
23	123		
24	101		

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-10



1-10 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

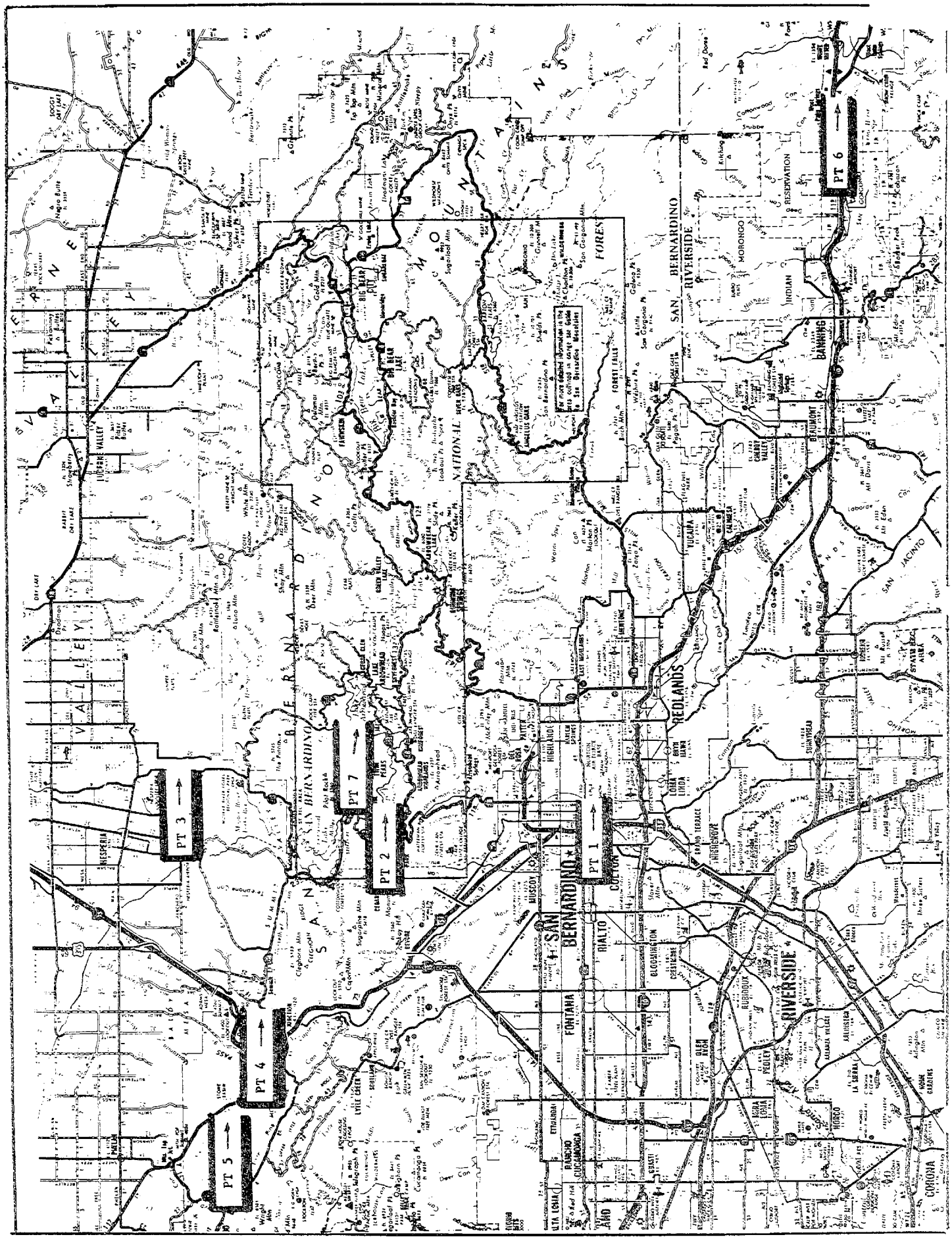
TRAVERSE START: 1813 PDT, 7/9/81 AT PT 6
TRAVERSE END: 1829 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 6

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
2000	11
2500	3
3000	4
3500	5
4000	0
4500	1
5000	0
5500	0
6000	1
6500	4

LOS ANGELES DESERT STUDY TEST 1

AIR TRAV. 1-11



1-11 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

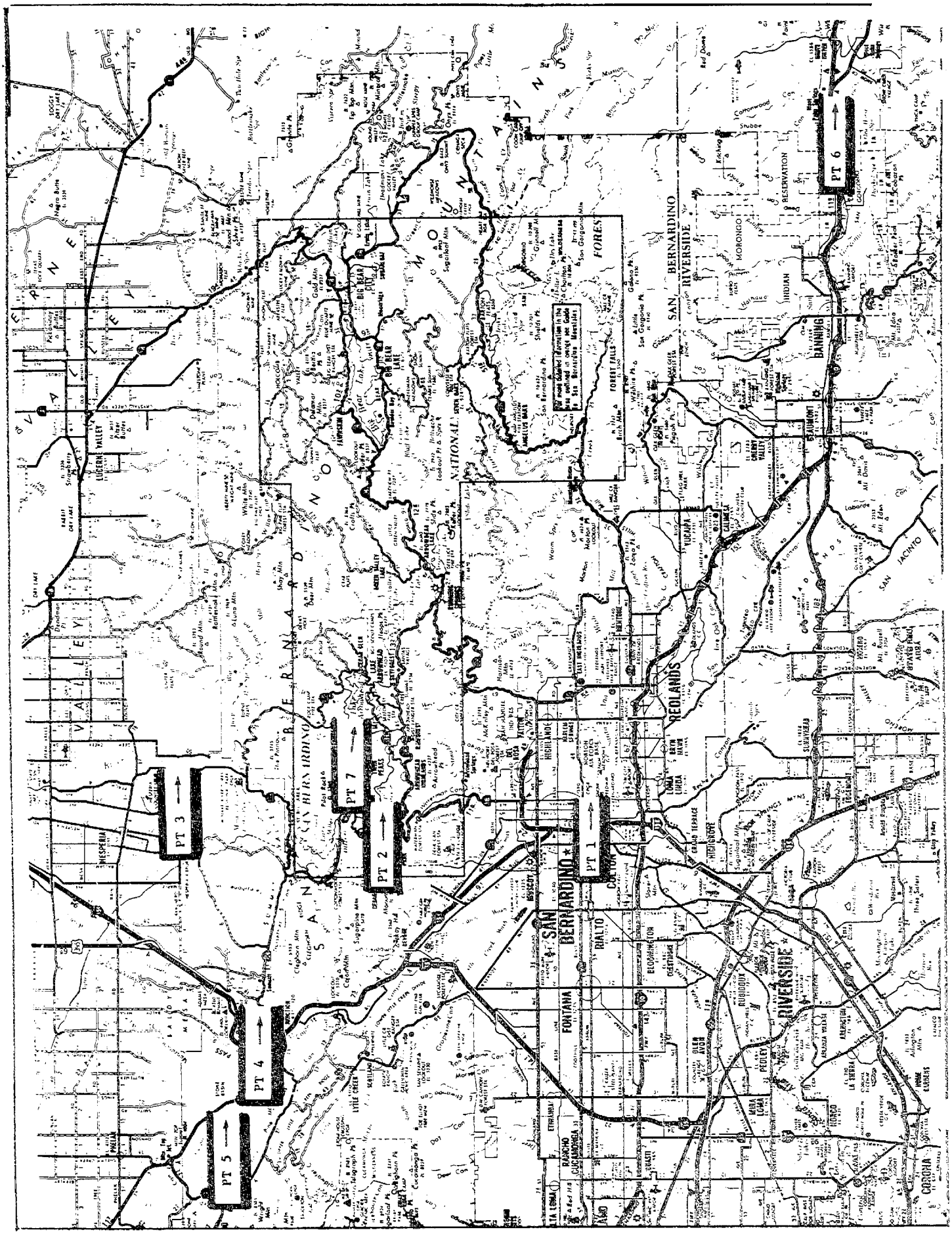
TRAVERSE START: 1848 PDT, 7/9/81 AT PT 7
TRAVERSE END: 1857 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 7

* DENOTES MISSING DATA

ALT (FT)	[SF6] PPT
11000	5
10000	0
9500	1
9000	0
8500	2
8000	0
7500	4
7000	2
6500	*
6000	3
5100	12

LOS ANGELES DESERT STUDY TEST 1

AIR TRAV. 1-12



1-12 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

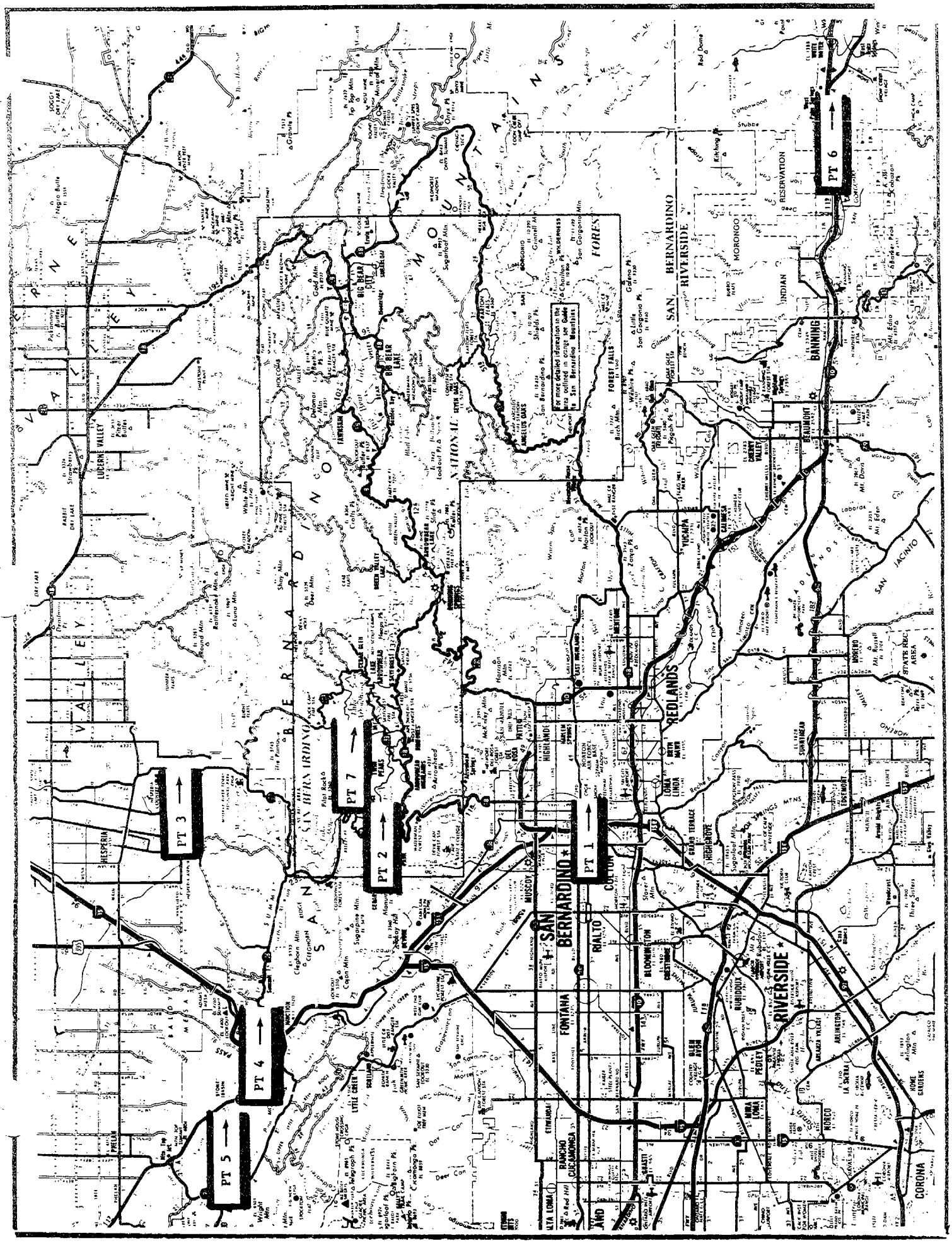
TRAVERSE START: 1900 PDT, 7/9/81 AT PT 3
TRAVERSE END: 1907 PDT AT SAME
TRAVERSE ROUTE: SPIRAL OVER PT 3

* DENOTES MISSING DATA

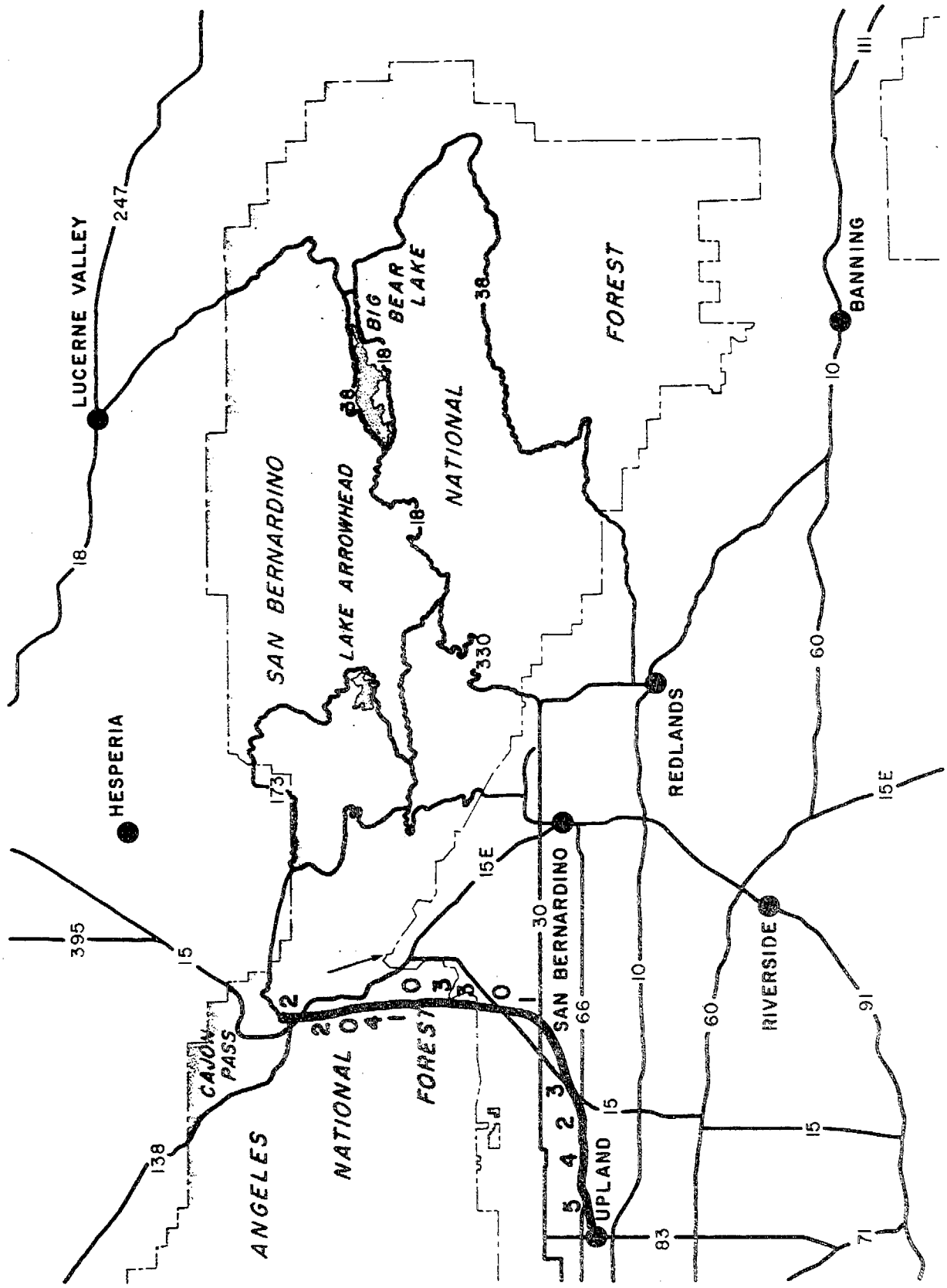
ALT (FT)	[SF6] PPT
3000	7
3500	5
4000	3
4500	2
5000	0
5500	3
6000	3

LOS ANGELES DESERT STUDY TEST 1

AIR TRAV. 1-13



Los Angeles Desert Study Test 1
Air Trav. 1-13



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1908 - 1923 PDT, 7/9/81

1-13 AIR TRAV LAD-1

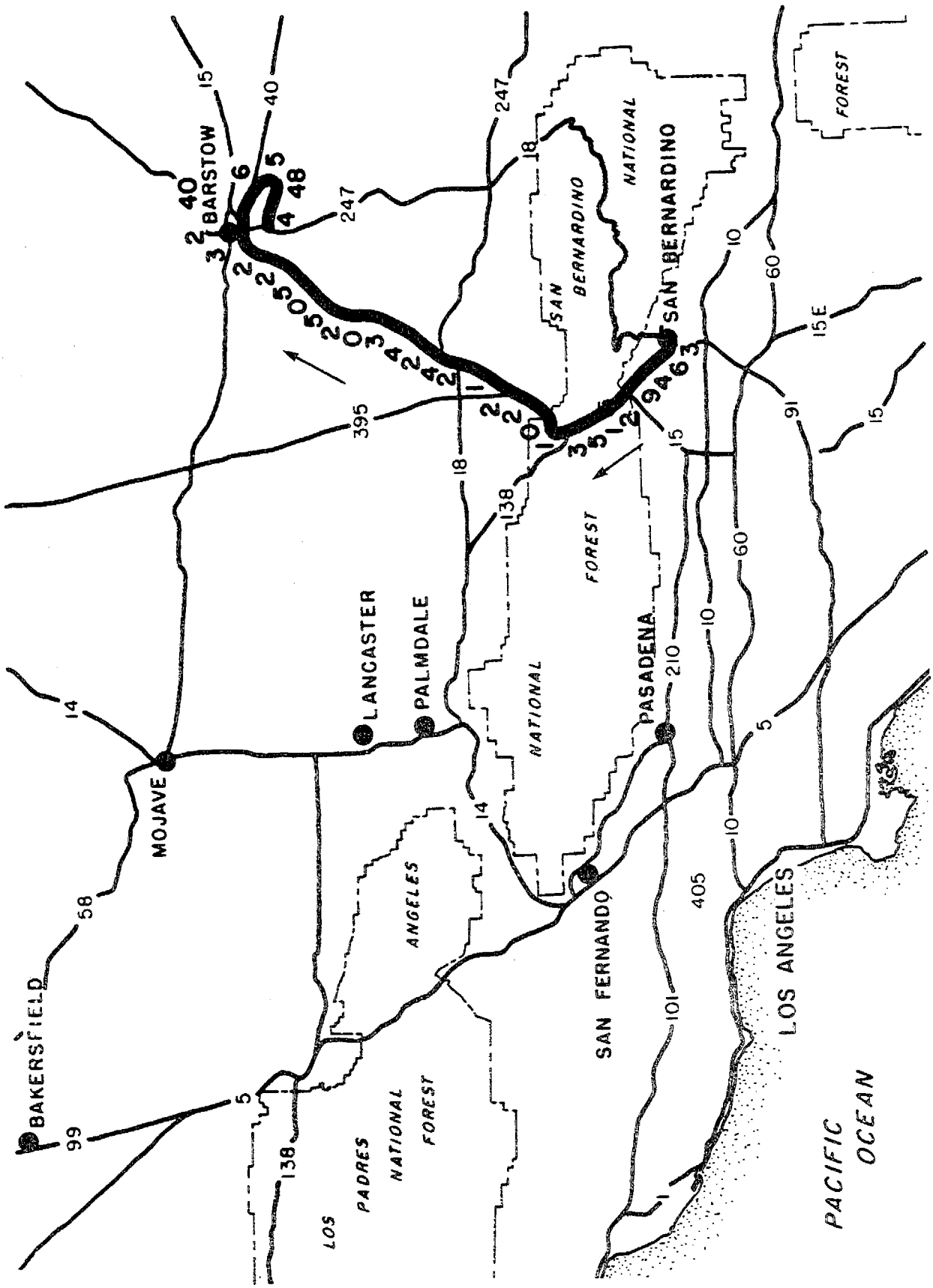
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1908 PDT, 7/9/81 AT PT 3
TRAVERSE END: 1923 PDT AT CABLE AIRPORT (UPLAND)
TRAVERSE ROUTE: PT 3 TO CABLE AIRPORT (UPLAND)

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT
0	2
1	2
2	*
3	*
4	0
5	4
6	1
7	0
8	3
9	3
10	0
11	1
12	3
13	2
14	4
15	5

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-14



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 2007 - 2042 PDT, 7/9/81

1-14 AIR TRAV LAD-1

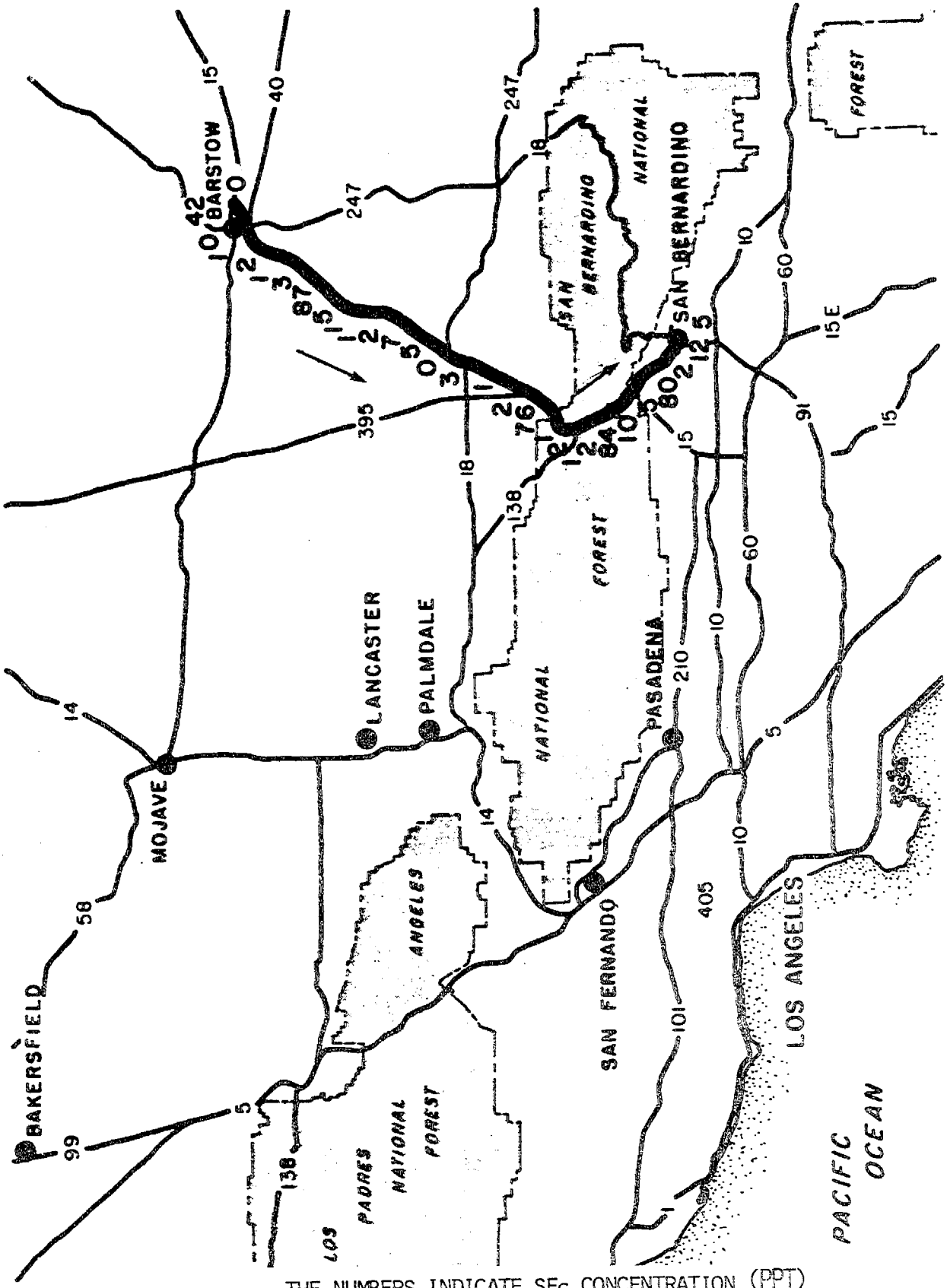
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 2007 PDT, 7/9/81 AT 15E & HWY 30
TRAVERSE END: 2034 PDT AT BARSTOW
TRAVERSE ROUTE: 15E & 30 TO BARSTOW

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
0	3	25	2
1	6	26	2
2	4	27	3
3	9		
4	2		
5	*		
6	1		
7	5		
8	3		
9	1		
10	0		
11	0		
12	2		
13	2		
14	1		
15	2		
16	4		
17	2		
18	5		
19	3		
20	0		
21	2		
22	5		
23	0		
24	5		

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 1-15



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 2204 - 2243 PDT, 7/9/81

1-15 AIR TRAV LAD-1

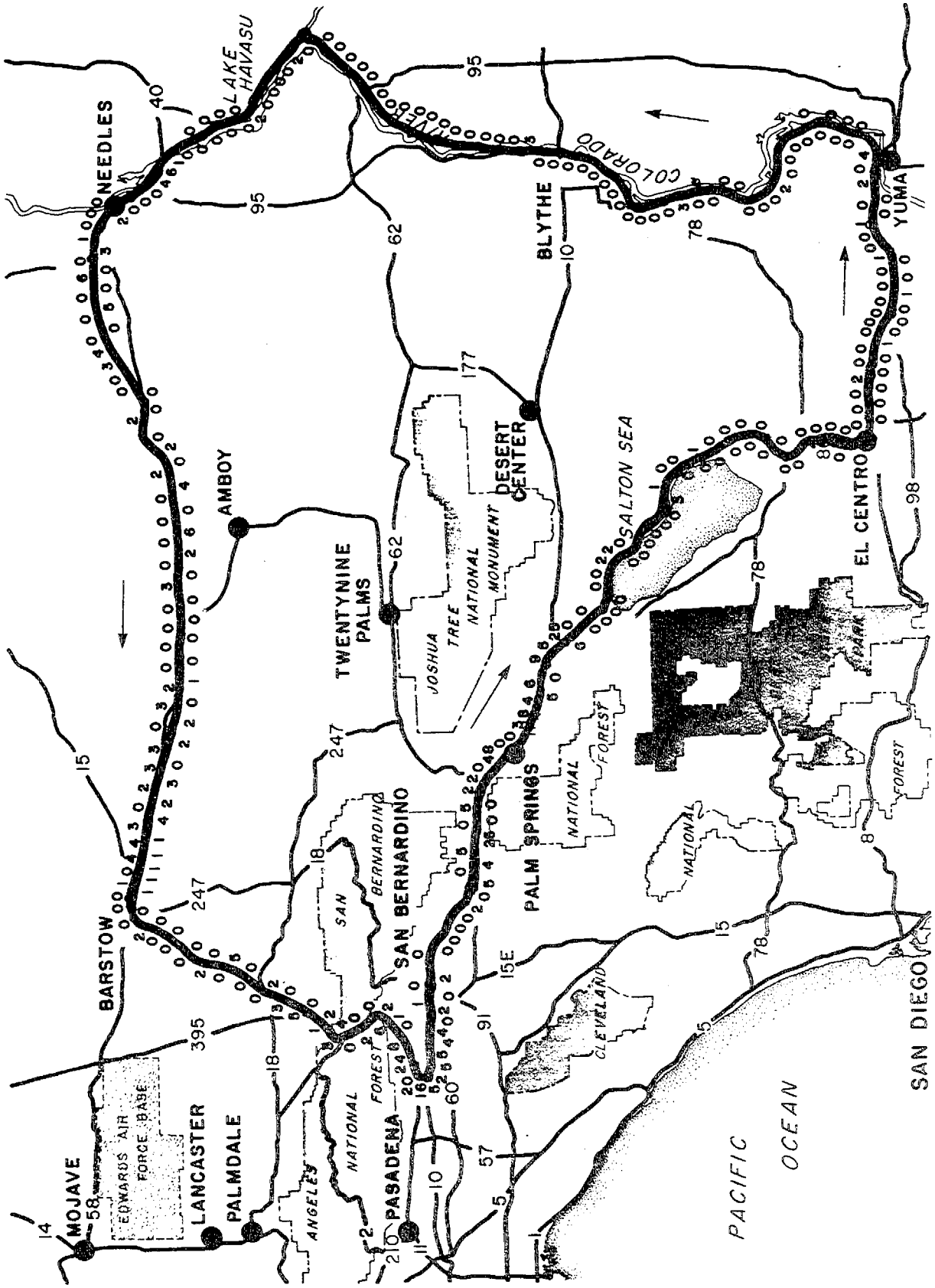
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 2204 PDT, 7/9/81 AT BARSTOW
TRAVERSE END: 2243 PDT AT UPLAND
TRAVERSE ROUTE: BARSTOW TO UPLAND

* DENOTES MISSING DATA

TIME (MIN)	[SF6] PPT	TIME (MIN)	[SF6] PPT
0	0	25	76
1	41	26	*
2	0	27	2
3	1	28	0
4	2	29	*
5	0	30	2
6	1	31	84
7	0	32	10
8	3	33	5
9	87	34	80
10	5	35	2
11	0	36	12
12	*	37	0
13	1	38	5
14	1	39	29
15	2		
16	7		
17	5		
18	0		
19	0		
20	3		
21	0		
22	*		
23	2		
24	0		

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 2-1



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 0653 - 1145 PDT 7/10/81

2-1 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0653 PDT, 7/10/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1145 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	5	26	0	51	*
2	*	27	0	52	0
3	4	28	5	53	0
4	4	29	0	54	0
5	0	30	2	55	0
6	2	31	2	56	0
7	1	32	0	57	0
8	0	33	48	58	2
9	0	34	0	59	2
10	2	35	0	60	0
11	*	36	*	61	0
12	0	37	3	62	0
13	*	38	8	63	0
14	0	39	4	64	0
15	0	40	5	65	0
16	0	41	6	66	0
17	0	42	*	67	3
18	0	43	0	68	1
19	2	44	9	69	0
20	0	45	5	70	0
21	5	46	25	71	0
22	0	47	0	72	1
23	4	48	6	73	0
24	5	49	0	74	0
25	25	50	0	75	0

2-1 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0653 PDT, 7/10/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1145 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
76	0	101	0	126	2
77	0	102	1	127	0
78	0	103	0	128	4
79	*	104	0	129	1
80	0	105	0	130	0
81	*	106	*	131	0
82	0	107	0	132	0
83	0	108	0	133	0
84	0	109	0	134	0
85	0	110	0	135	0
86	0	111	0	136	0
87	0	112	0	137	0
88	0	113	1	138	0
89	0	114	0	139	0
90	0	115	0	140	2
91	0	116	0	141	0
92	0	117	0	142	0
93	0	118	1	143	0
94	0	119	0	144	0
95	0	120	*	145	0
96	0	121	0	146	*
97	2	122	1	147	0
98	0	123	0	148	0
99	0	124	0	149	3
100	0	125	0	150	0

2-1 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0653 PDT, 7/10/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1145 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
151	0	176	0	201	0
152	0	177	0	202	2
153	0	178	0	203	0
154	0	179	0	204	0
155	0	180	0	205	0
156	0	181	2	206	1
157	0	182	0	207	3
158	0	183	0	208	0
159	0	184	0	209	0
160	0	185	0	210	6
161	3	186	2	211	6
162	0	187	0	212	0
163	0	188	0	213	0
164	0	189	0	214	5
165	0	190	0	215	0
166	0	191	0	216	0
167	0	192	0	217	0
168	*	193	0	218	4
169	0	194	0	219	3
170	0	195	0	220	0
171	0	196	1	221	0
172	0	197	6	222	0
173	0	198	4	223	0
174	0	199	0	224	2
175	0	200	0	225	*

2-1 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0653 PDT, 7/10/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1145 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
226	0	251	0	276	3
227	2	252	1	277	0
228	0	253	1	278	3
229	2	254	1	279	3
230	4	255	0	280	2
231	0	256	0	281	2
232	0	257	0	282	0
233	0	258	0	283	4
234	6	259	2	284	3
235	0	260	0	285	1
236	2	261	0	286	4
237	0	262	0	287	1
238	0	263	0	288	*
239	*	264	0	289	4
240	3	265	0	290	1
241	0	266	2	291	0
242	0	267	0	292	0
243	0	268	0	293	2
244	0	269	5	294	3
245	0	270	0	295	0
246	0	271	0	296	5
247	0	272	3	297	0
248	0	273	2	298	1
249	1	274	0	299	2
250	2	275	2	300	3

2-1 AIR TRAV LAD-1

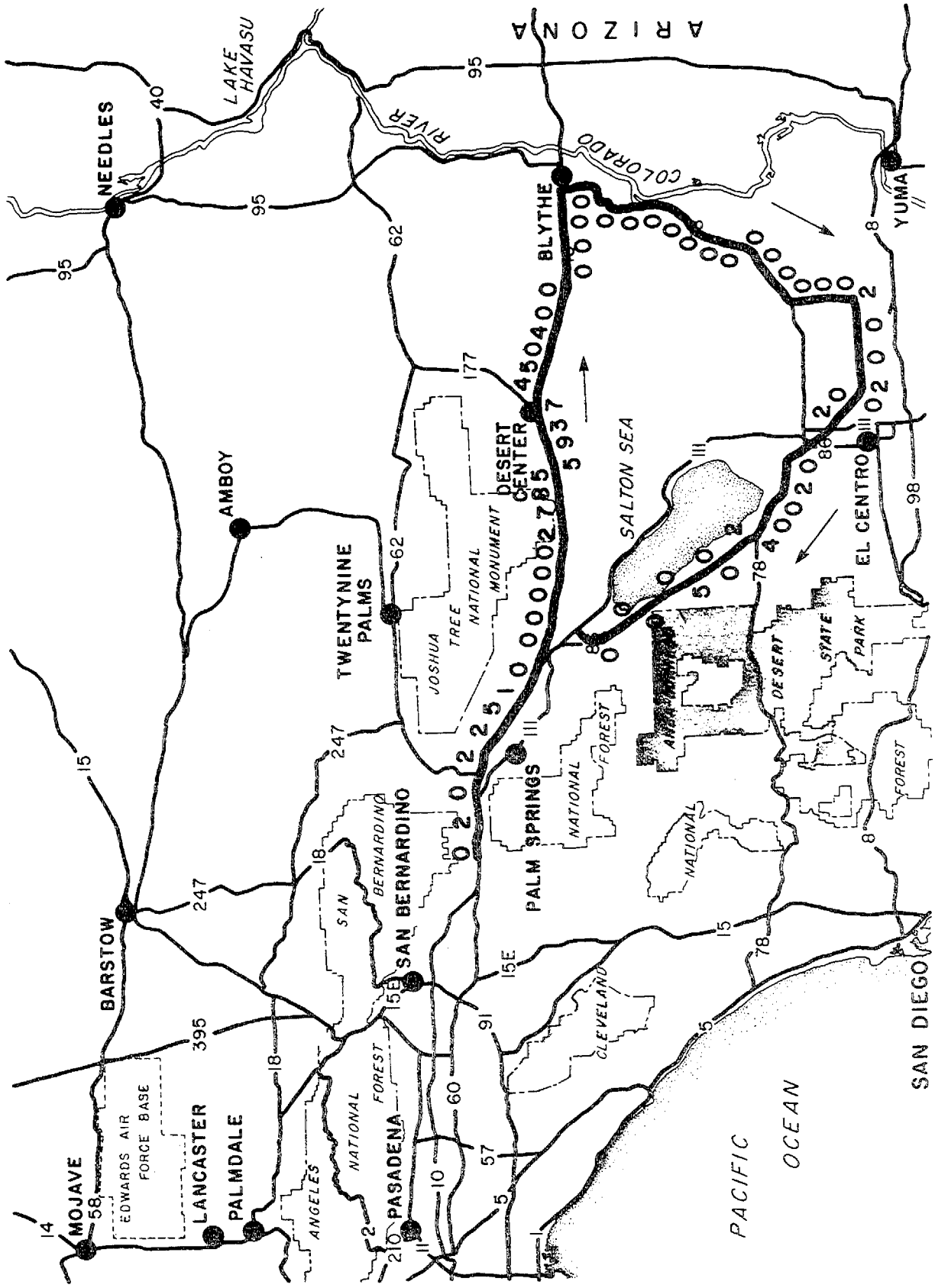
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0653 PDT, 7/10/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1145 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT
301	4
302	0
303	0
304	2
305	0
306	6
307	8
308	1
309	0
310	8
311	24
312	20
313	16
314	5
315	2
316	5

Los Angeles Desert Study Test 1
Air Trav. 2-2



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 0700 - 0915 PDT 7/10/81

2-2 AIR TRAV LAD-1

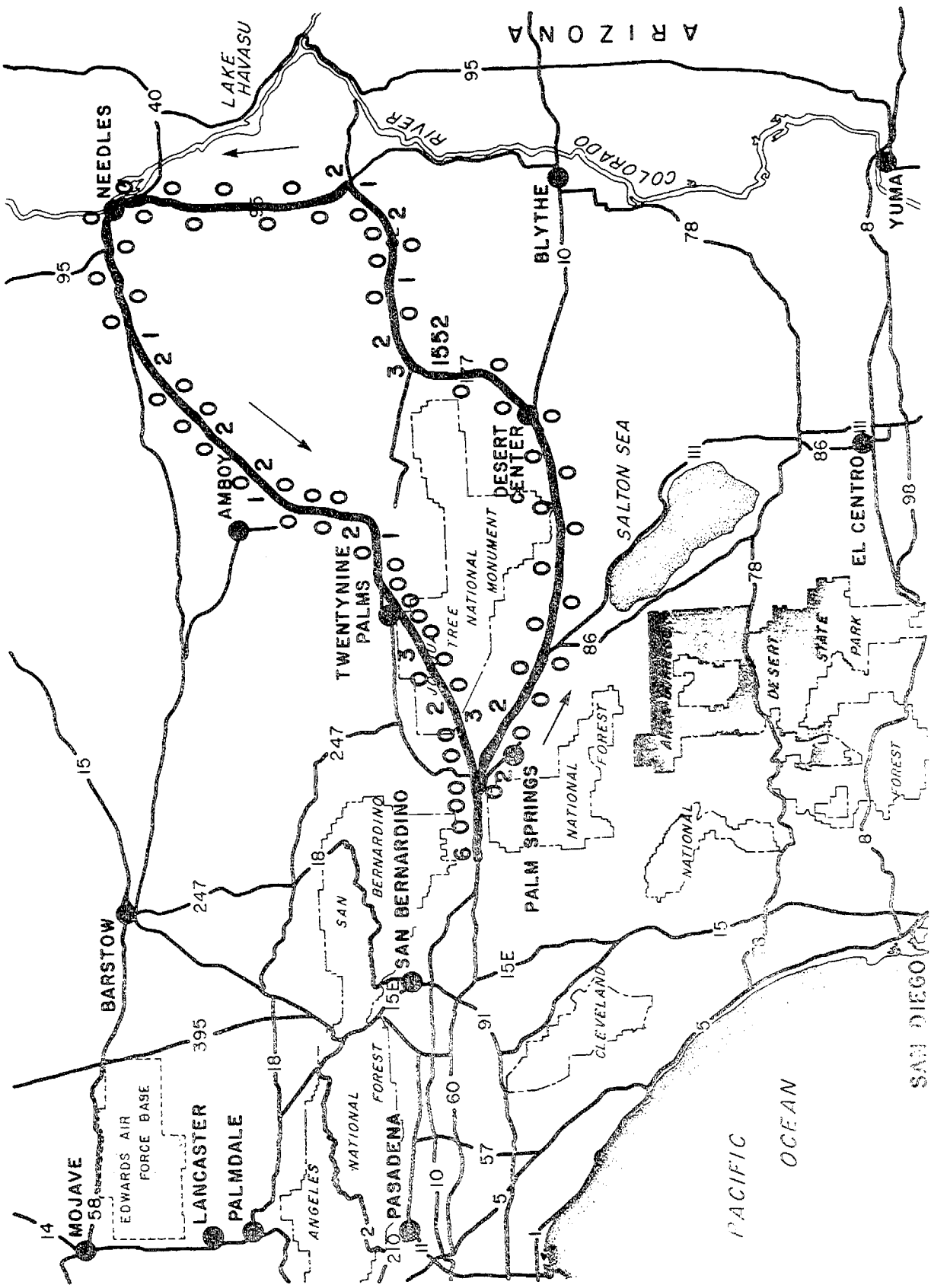
RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 0700 PDT, 7/10/81 NORTH OF BANNING
TRAVERSE END: 0915 PDT AT THERMAL AIRPORT
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	0	26	0	51	2
2	2	27	0	52	0
3	0	28	0	53	0
4	2	29	0	54	2
5	2	30	0	55	0
6	5	31	0	56	0
7	1	32	0	57	2
8	0	33	0	58	0
9	0	34	0	59	0
10	0	35	0	60	0
11	0	36	0	61	4
12	0	37	0	62	2
13	0	38	0	63	0
14	2	39	0	64	0
15	6	40	0	65	5
16	5	41	0	66	0
17	5	42	0	67	0
18	6	43	0	68	0
19	9	44	0	69	0
20	3	45	0		
21	7	46	0		
22	4	47	0		
23	5	48	1		
24	0	49	0		
25	4	50	0		

LOS ANGELES DESERT STUDY TEST 1
AIR TRAV. 2-3



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1010 - 1248 PDT, 7/10/81

2-3 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1010 PDT, 7/10/81 AT BERMUDA DUNES AIRPORT
TRAVERSE END: 1248 PDT AT BANNING
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	0	26	0	51	2
2	2	27	2	52	0
3	0	28	0	53	2
4	2	29	1	54	2
5	0	30	2	55	0
6	0	31	0	56	0
7	0	32	0	57	0
8	0	33	0	58	0
9	0	34	0	59	2
10	0	35	0	60	1
11	0	36	0	61	0
12	0	37	0	62	0
13	0	38	0	63	0
14	0	39	0	64	0
15	0	40	0	65	0
16	*	41	0	66	0
17	0	42	0	67	0
18	*	43	0	68	3
19	3	44	1	69	0
20	2	45	2	70	0
21	0	46	0	71	0
22	0	47	0	72	0
23	1	48	0	73	2
24	0	49	0	74	3
25	0	50	0	75	0

2-3 AIR TRAV LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

TRAVERSE START: 1010 PDT, 7/10/81 AT BERMUDA DUNES AIRPORT
TRAVERSE END: 1248 PDT AT BANNING
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT
76	0
77	0
78	0
79	0
80	6

Appendix A4

Grab Samples

for

Test 1

Conducted Starting July 9, 1981

ALTADENA GRAB SAMPLES LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

SAMPLING LOCATION: 2330 GLEN CANYON RD (ALTADENA)
DURATION OF SAMPLING: 1130-1700 PDT, 7/9/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1130	2
1145	5
1200	4
1215	0
1230	2
1245	3
1300	0
1315	3
1330	6
1345	1
1400	3
1415	0
1430	4
1445	1
1500	0
1515	0
1530	0
1545	0
1600	1
1615	0
1630	2
1645	0
1700	0

BANNING GRAB SAMPLES LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

SAMPLING LOCATION: SIESTA INN, 1240 W. RAMSEY ST. (BANNING)
DURATION OF SAMPLING: 1655 PDT, 7/9/81 TO 0650 PDT, 7/10/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1655	0
1735	6
1740	10
1845	29
2045	10
2240	9
0650	1

CAJON PASS GRAB SAMPLES LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

SAMPLING LOCATION: CAJON SUMMIT
DURATION OF SAMPLING: 1230-2241 PDT, 7/9/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1230	5
1330	7
1400	3
1430	2
1617	2
1631	0
1700	3
1715	5
1730	0
1745	0
1800	3
1815	0
1830	0
1845	0
1902	3
1915	0
1930	2
1945	0
2004	0
2045	0
2100	4
2115	6
2130	2
2145	0
2241	1

PASADENA GRAB SAMPLES LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

SAMPLING LOCATION: SPALDING LAB, CALTECH
DURATION OF SAMPLING: 1030-1618 PDT, 7/9/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1030	0
1045	0
1100	5
1115	4
1132	5
1145	6
1151	5
1207	6
1225	2
1237	4
1259	3
1304	0
1330	3
1352	1
1455	4
1518	6
1618	3

UPLAND GRAB SAMPLES LAD-1

RELEASE: 103 LBS SF6/HR (13 GR/SEC) AT MARVISTA PARK (CULVER CITY)
RELEASE TIME: 0600-1000 PDT, 7/9/81

SAMPLING LOCATION: CABLE AIRPORT (UPLAND)
DURATION OF SAMPLING: 1310-1847 PDT, 7/9/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1310	3
1323	11
1333	9
1355	0
1403	12
1408	0
1412	5
1421	4
1430	6
1442	7
1450	9
1500	13
1510	6
1520	0
1530	6
1540	0
1550	38
1600	6
1610	0
1625	0
1632	0
1648	3
1830	0
1847	0

Appendix B1

Hourly Averaged Tracer Data for Fixed Sites

for

Test 2

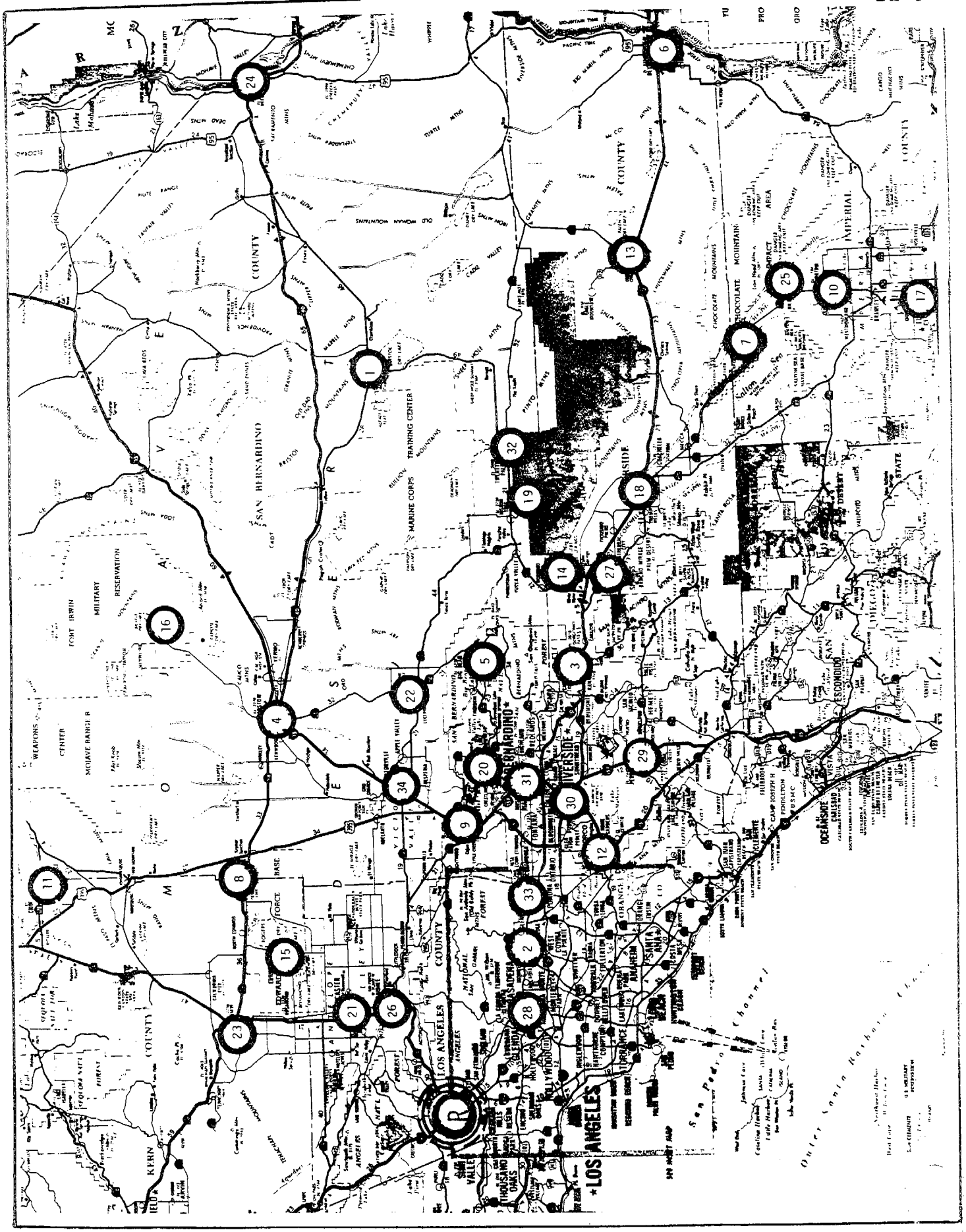
Conducted Starting July 14, 1981

Los Angeles-Desert Field Study

July-August 1981

Board Sites

	Location	Abbreviation
1.	Amboy	AMBO
2.	Azusa	AZUS
3.	Banning	BANN
4.	Barstow	BARS
5.	Big Bear	BI B
6.	Blythe	BLYT
7.	Bombay Beach	BO B
8.	Boron	BORO
9.	Cajon Pass	CAJO
10.	Calipatria	CALI
11.	China Lake	CH L
12.	Corona	CORO
13.	Desert Center	DE C
14.	Desert Hot Springs	DHSP
15.	Edwards Air Force Base	EAFB
16.	Fort Irwin	FT I
17.	Imperial Airport	I AP
18.	Indio	INDI
19.	Joshua Tree	J TR
20.	Lake Arrowhead	L AR
21.	Lancaster	LANC
22.	Lucerne Valley	LU V
23.	Mojave	MOJA
24.	Needles Airport	N AP
25.	Niland	NILA
26.	Palmdale	PALM
27.	Palm Springs	P SP
28.	Pasadena	PASA
29.	Perris	PERR
30.	Riverside	RIVE
31.	San Bernardino	SA B
32.	Twentynine Palms	29 P
33.	Upland	UPLA
34.	Victorville	VICT



○ INDICATES BOARD SITES

(R) INDICATES RELEASE SITE

LOS ANGELES - DESERT TEST 2

JULY 14, 1981

SF6 CONCENTRATION IN PPT

	SITE	HOUR (PDT) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	AMBO																	0	0	0	1	2	0	0	0
2	AZUS																3	5	2	3	3	0	0	0	5
3	BANN																0	5	9	0	19	32	17	13	13
4	BARS														1	3	0	2	0	0	0	10	2	0	2
5	BI B																0	0	1	2	2	0	0	6	0
6	BLYT																	3	7	0	3	2	1	0	0
7	BO B																0	0	1	0	0	0	0	10	25
8	BORO																								
9	CAJO																0	0	0	3	4	0	2	0	5
10	CALI																	0	2	5	1	0	0	0	0
11	CH L																								
12	CORO																								
13	DE C																	2	0	0	2	2	0	2	7
14	DHSP																								
15	EAFB												0	0	0	0	0	2	25	16	2	3	0	2	0
16	FT I																	2	1	0	3	1	3	0	2
17	I AP																								
18	INDI																1	1	1	9	0	0	0	8	18
19	J TR																	1	0	0	1	5	5	2	2
20	L AR																6	17	13	16	26	16	7	4	1
21	LANC																							2	0
22	LU V																0	0	0	0	0		0	0	0
23	MOJA											0	0	0	2	0	0	3	0		0	3	0		
24	N AP																	0	2	0	6	2	1	0	0
25	NILA																0	0	0	0	0	0	2	39	0
26	PALM											3	3	0	0	14	36	13	5	0	0	0	3	2	0
27	P SP																0	2	0	0	0	0	12	4	7
28	PASA																		0	0	0	2	0	2	0
29	PERR																								
30	RIVE																0	5	0	0	0	2	5	7	8
31	SA B																15	23	28	39	25	16	11	10	8
32	29 P																		2	0	3	0	2	0	1
33	UPLA																								
34	VICT											0	0	1	0	0	0	5	0	0	4	0	3	2	0

LOS ANGELES - DESERT TEST 2

JULY 15, 1981

SP6 CONCENTRATION IN PPT

	SITE	HOUR (PDT) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	AMBO	0	2	3	0	0	0	0	0	0	0	0													
2	AZUS	3	0	7	2	0	0	0	0	2	8	15	29	31	14	11									
3	BANN	39	13	8	5	11	12	2	2	0	0	0	0	1	0										
4	BARS	0	0	0	1	0	0	1	1	0	1														
5	BI B	4	4	2	6	4	1	7	5	0	0	0	0	3											
6	BLYT	2	3	9	0																				
7	BO B	0	0	0	3	2	1	0	0	4	3	0	0	5	2	0									
8	BORO																								
9	CAJO	2	0	0	7	2	0	2	0	0	5	0	0	0	5										
10	CALI	0	49	0	1	1	1	0	0	0	3	0	0	8	0	0									
11	CH L																								
12	CORO																								
13	DE C		0	2	1					0	0	0		0	0	0	0								
14	DHSP																								
15	EAFB	1	0	0	0	0	0	1	0	0	0														
16	PT I	0	0	0	1																				
17	I AP																								
18	INDI	15	10	8	0	1	7	5	4	0	0	0	0	2	0	3									
19	J TR	0	2	1	0	0	0	0	0	0	0														
20	L AR	4	0	0	0	1	0	3		3	3	0	2	0	0	0									
21	LANC	1	0	0		3	0	0	0	0	0														
22	LU V	0	0	0	0	0	0	0	0	0	0	0													
23	MOJA																								
24	N AP	0	1	0	0	1	0	2	0	0															
25	NILA	0	42	57	2	67	41	0	0	4	1	2	0	2	0	2									
26	PALM	1	0	2	0	1	2	0	2	0															
27	P SP	9	5	2	0	7	7	0	4	0	0	0	0	1	2	0									
28	PASA	2	6	1	9	0	7	7	5	0	6	3													
29	PERR																								
30	RIVE	4	6	7	14	11	6	0	4																
31	SA B	17	10	20	40	7	22	88	35	37	26	8	24	12	17	21									
32	29 P	5	2	3	0	0	0	2	0	0															
33	UPLA																								
34	VICT	0	0	0	2	7	0	5	9	0	0														

Appendix B2

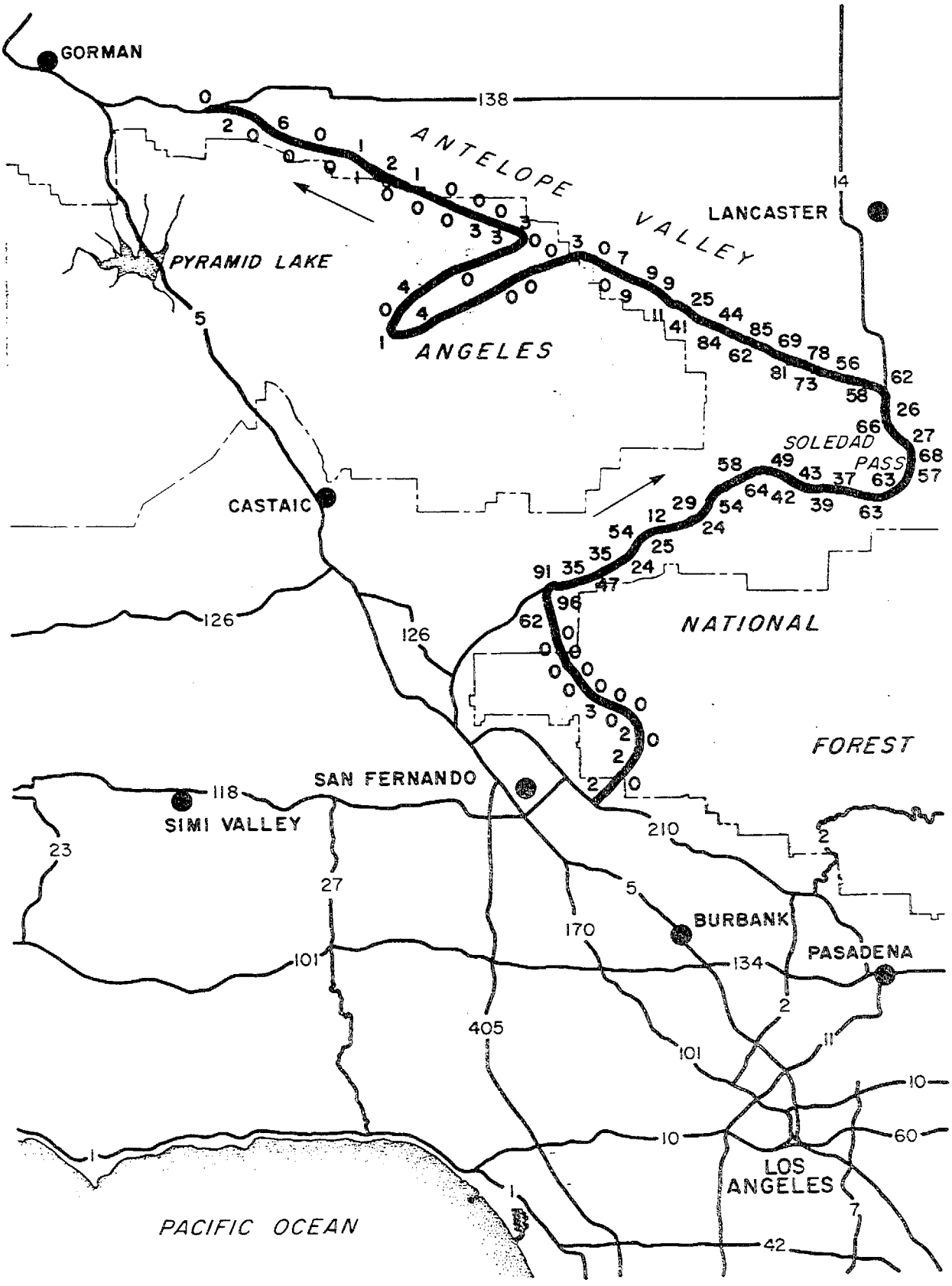
Automobile Traverse Tracer Data

for

Test 2

Conducted Starting July 14, 1981

LOS ANGELES DESERT STUDY TEST 2
TRAV. 1-1



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1340 - 1733 PDT, 7/14/81

1-1 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1340 PDT, 7/14/81 AT 210 & OSBORNE RD (PACOIMA)
TRAVERSE END: 1733 PDT AT 138 & N2 (QUAIL LAKE)
TRAVERSE ROUTE: N ON OSBORNE RD, 14; W ON N2

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	*	25	25	50	78
1	2	26	12	51	81
2	0	27	24	52	69
3	2	28	29	53	62
4	0	29	54	54	85
5	2	30	58	55	84
6	0	31	64	56	44
7	0	32	49	57	41
8	0	33	42	58	25
9	3	34	43	59	11
10	0	35	39	60	9
11	0	36	37	61	9
12	0	37	63	62	11
13	0	38	63	63	14
14	0	39	57	64	14
15	0	40	68	65	14
16	0	41	27	66	17
17	62	42	66	67	9
18	96	43	26	68	7
19	91	44	58	69	0
20	35	45	62	70	0
21	47	46	50	71	*
22	35	47	56	72	3
23	24	48	56	73	0
24	54	49	73	74	0

1-1 TRAV LAD-2

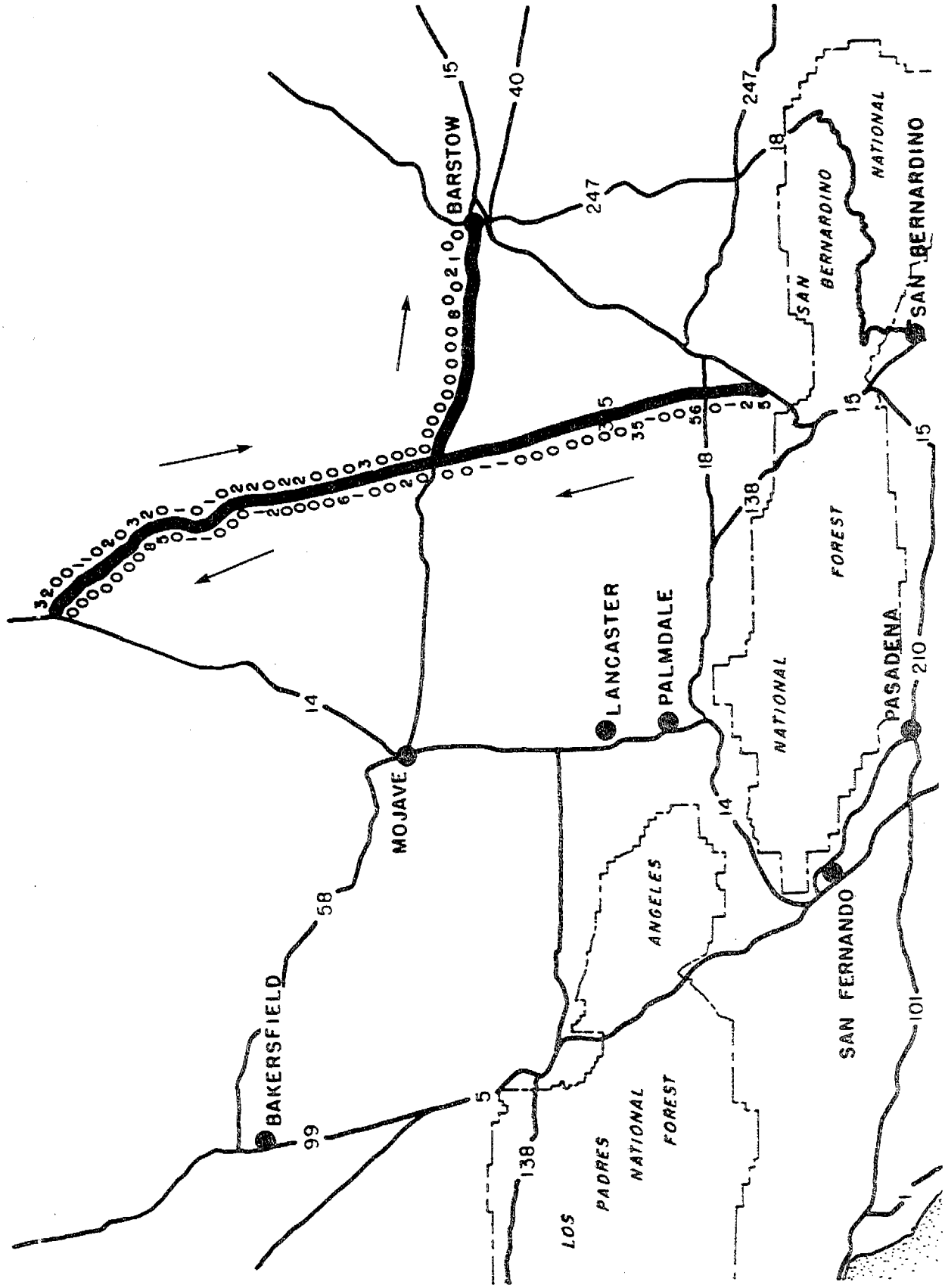
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1340 PDT, 7/14/81 AT 210 & OSBORNE RD (PACOIMA)
TRAVERSE END: 1733 PDT AT 138 & N2 (QUAIL LAKE)
TRAVERSE ROUTE: N ON OSBORNE RD, 14; W ON N2

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
75	*	100	6
76	0	101	0
77	0	102	2
78	*	103	0
79	4		
80	4		
81	0		
82	1		
83	0		
84	3		
85	3		
86	0		
87	3		
88	0		
89	0		
90	0		
91	0		
92	1		
93	0		
94	2		
95	1		
96	1		
97	0		
98	0		
99	0		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 1-2



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1506 - 1854 PDT, 7/14/81

1-2 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1506 PDT, 7/14/81 AT 15 & 395 (N OF CAJON PASS)
TRAVERSE END: 1854 PDT AT 58 & IRWIN RD (OUTSIDE BARSTOW)
TRAVERSE ROUTE: N ON 395 TO 14; S ON 395; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	5	25	0	50	6
1	4	26	0	51	0
2	2	27	*	52	0
3	2	28	0	53	0
4	1	29	0	54	0
5	2	30	0	55	0
6	0	31	0	56	0
7	2	32	1	57	4
8	*	33	0	58	0
9	2	34	1	59	0
10	0	35	0	60	2
11	0	36	0	61	0
12	0	37	0	62	1
13	0	38	0	63	0
14	1	39	4	64	0
15	1	40	0	65	0
16	*	41	2	66	0
17	2	42	2	67	2
18	0	43	0	68	0
19	0	44	0	69	2
20	0	45	0	70	1
21	0	46	0	71	0
22	0	47	0	72	1
23	3	48	1	73	2
24	0	49	0	74	0

1-2 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1506 PDT, 7/14/81 AT 15 & 395 (N OF CAJON PASS)
TRAVERSE END: 1854 PDT AT 58 & IRWIN RD (OUTSIDE BARSTOW)
TRAVERSE ROUTE: N ON 395 TO 14; S ON 395; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
75	0	100	2	125	0
76	5	101	0	126	1
77	0	102	1	127	0
78	8	103	0	128	0
79	1	104	0	129	7
80	0	105	0	130	2
81	1	106	1	131	1
82	0	107	2	132	2
83	2	108	1	133	0
84	0	109	0	134	0
85	4	110	2	135	0
86	0	111	0	136	2
87	6	112	2	137	0
88	0	113	1	138	2
89	3	114	0	139	0
90	0	115	0	140	0
91	0	116	3	141	1
92	0	117	3	142	0
93	0	118	2	143	0
94	0	119	0	144	0
95	2	120	0	145	1
96	0	121	0	146	3
97	0	122	1	147	0
98	3	123	5	148	0
99	1	124	0	149	4

1-2 TRAV LAD-2

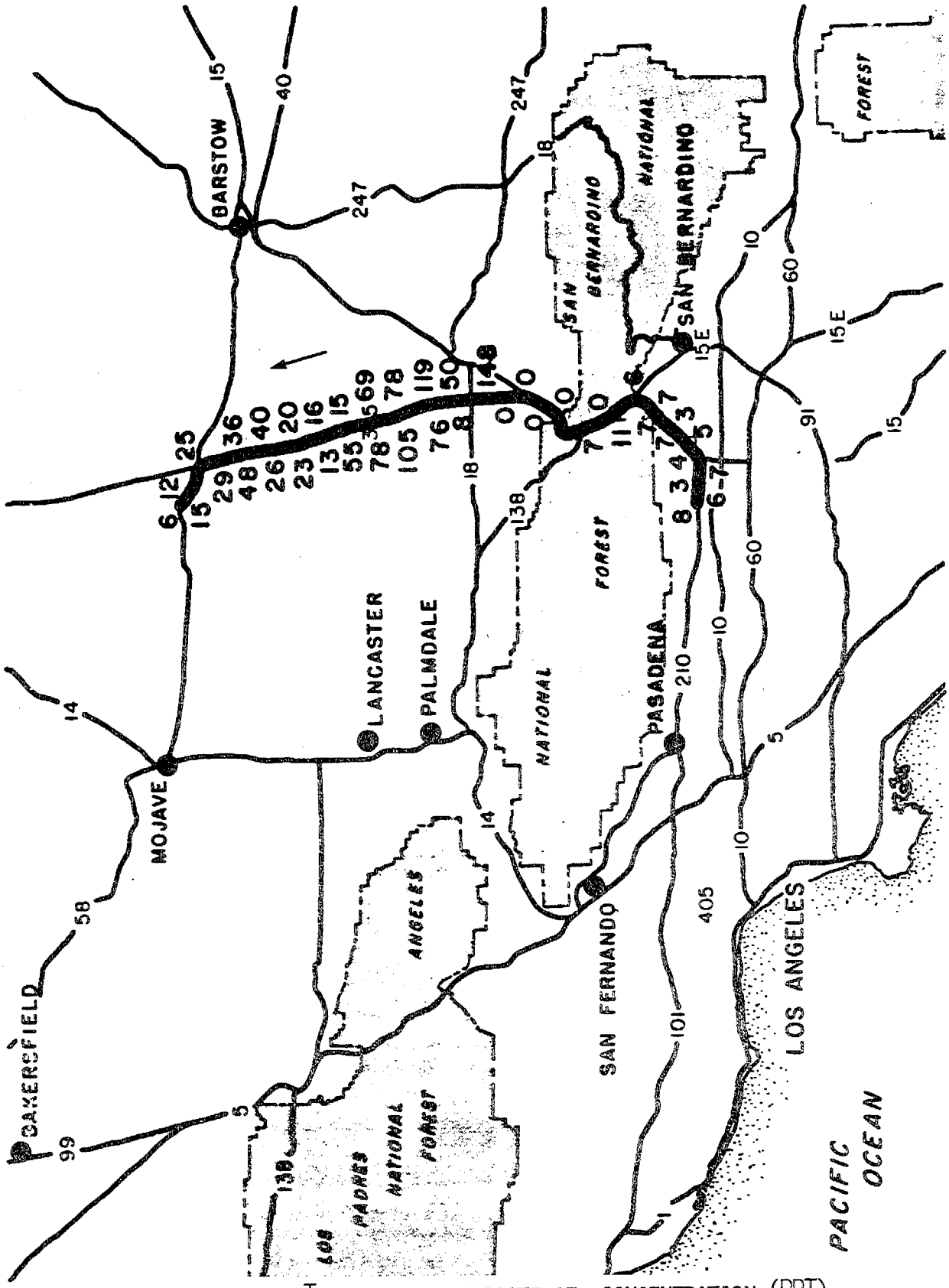
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1506 PDT, 7/14/81 AT 15 & 395 (N OF CAJON PASS)
TRAVERSE END: 1854 PDT AT 58 & IRWIN RD (OUTSIDE BARSTOW)
TRAVERSE ROUTE: N ON 395 TO 14; S ON 395; E ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
150	0	175	2
151	0	176	2
152	0	177	0
153	0	178	1
154	0	179	0
155	0	180	0
156	0	181	0
157	0	182	0
158	0	183	0
159	0	184	0
160	0	185	0
161	*		
162	0		
163	1		
164	0		
165	0		
166	0		
167	0		
168	0		
169	0		
170	3		
171	0		
172	0		
173	1		
174	0		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 1-3



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1755 - 1927 PDT, 7/14/81

1-3 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1755 PDT, 7/14/81 AT EUCLID & I-10 (UPLAND)
TRAVERSE END: 1927 PDT ON 58 IN BORON
TRAVERSE ROUTE: E ON I-10; N ON I-15, 395; W ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	8	25	6	50	105
1	5	26	0	51	77
2	6	27	3	52	78
3	1	28	0	53	120
4	3	29	0	54	78
5	6	30	7	55	30
6	7	31	7	56	69
7	4	32	0	57	102
8	5	33	3	58	55
9	5	34	0	59	107
10	5	35	0	60	15
11	1	36	0	61	13
12	4	37	0	62	13
13	2	38	0	63	20
14	3	39	0	64	16
15	*	40	148	65	16
16	7	41	121	66	23
17	4	42	8	67	23
18	7	43	79	68	20
19	7	44	50	69	27
20	7	45	94	70	26
21	10	46	76	71	32
22	6	47	12	72	40
23	11	48	119	73	43
24	11	49	25	74	48

1-3 TRAV LAD-2

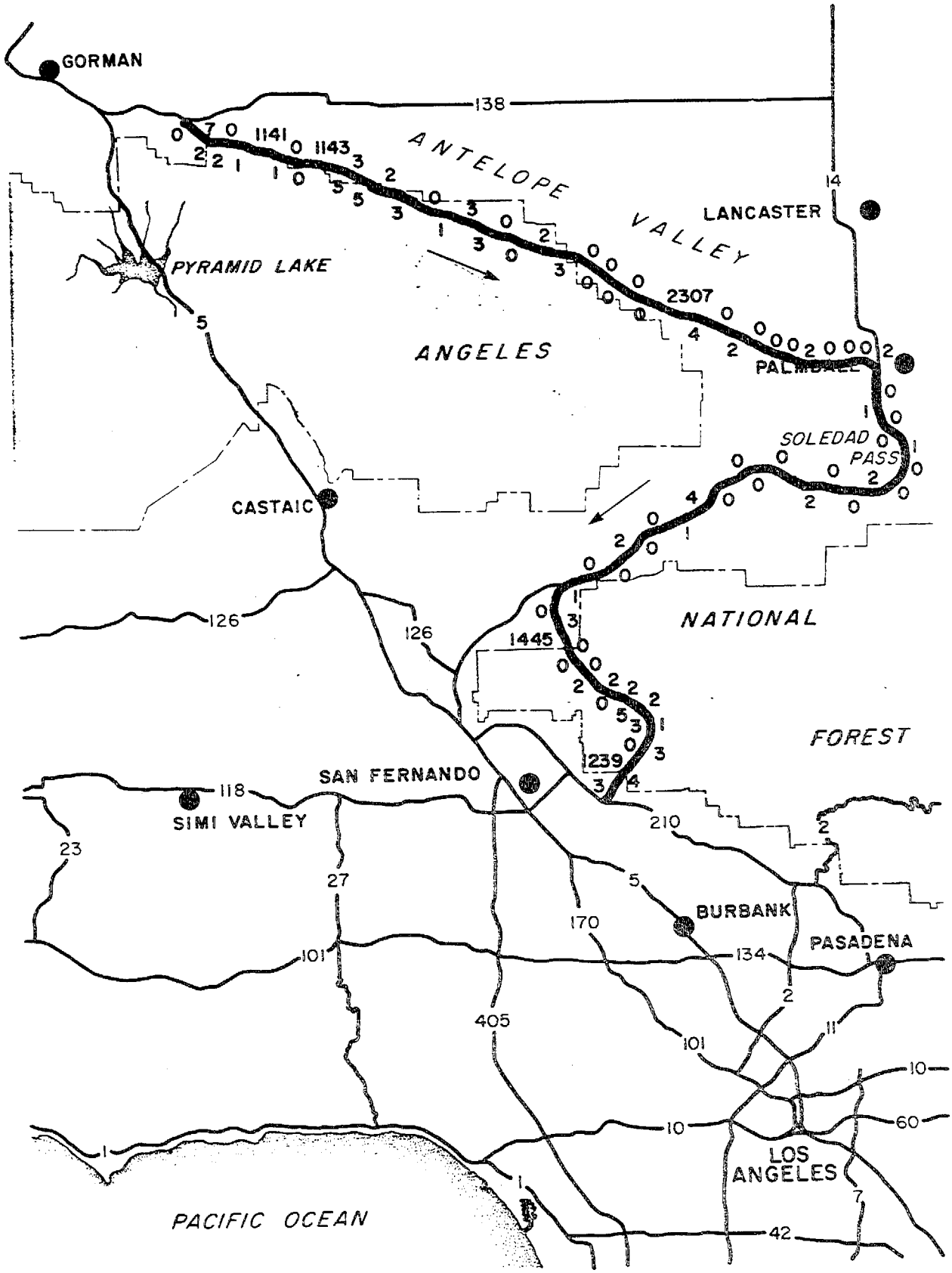
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1755 PDT, 7/14/81 AT EUCLID & I-10 (UPLAND)
TRAVERSE END: 1927 PDT ON 58 IN BORON
TRAVERSE ROUTE: E ON I-10; N ON I-15, 395; W ON 58

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	44
76	36
77	41
78	29
79	29
80	25
81	*
82	12
83	19
84	15
85	4
86	6

LOS ANGELES DESERT STUDY TEST 2
TRAV. 1-4



THE NUMBER INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1800 - 2100 PDT, 7/14/81

1-4 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1800 PDT, 7/14/81 AT 138 & N2 (QUAIL LAKE)
TRAVERSE END: 2100 PDT AT 210 & OSBORNE RD (PACOIMA)
TRAVERSE ROUTE: E ON N2; S ON 14, OSBORNE RD

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	25	0	50	0
1	7	26	0	51	0
2	2	27	*	52	2
3	2	28	0	53	0
4	0	29	0	54	0
5	0	30	0	55	0
6	*	31	*	56	0
7	1	32	4	57	0
8	0	33	0	58	4
9	0	34	2	59	1
10	*	35	0	60	0
11	3	36	0	61	0
12	3	37	0	62	2
13	5	38	2	63	0
14	2	39	0	64	0
15	3	40	0	65	1
16	0	41	2	66	0
17	1	42	0	67	0
18	3	43	1	68	3
19	3	44	0	69	*
20	0	45	0	70	0
21	0	46	1	71	0
22	2	47	0	72	0
23	3	48	0	73	2
24	0	49	2	74	2

1-4 TRAV LAD-2

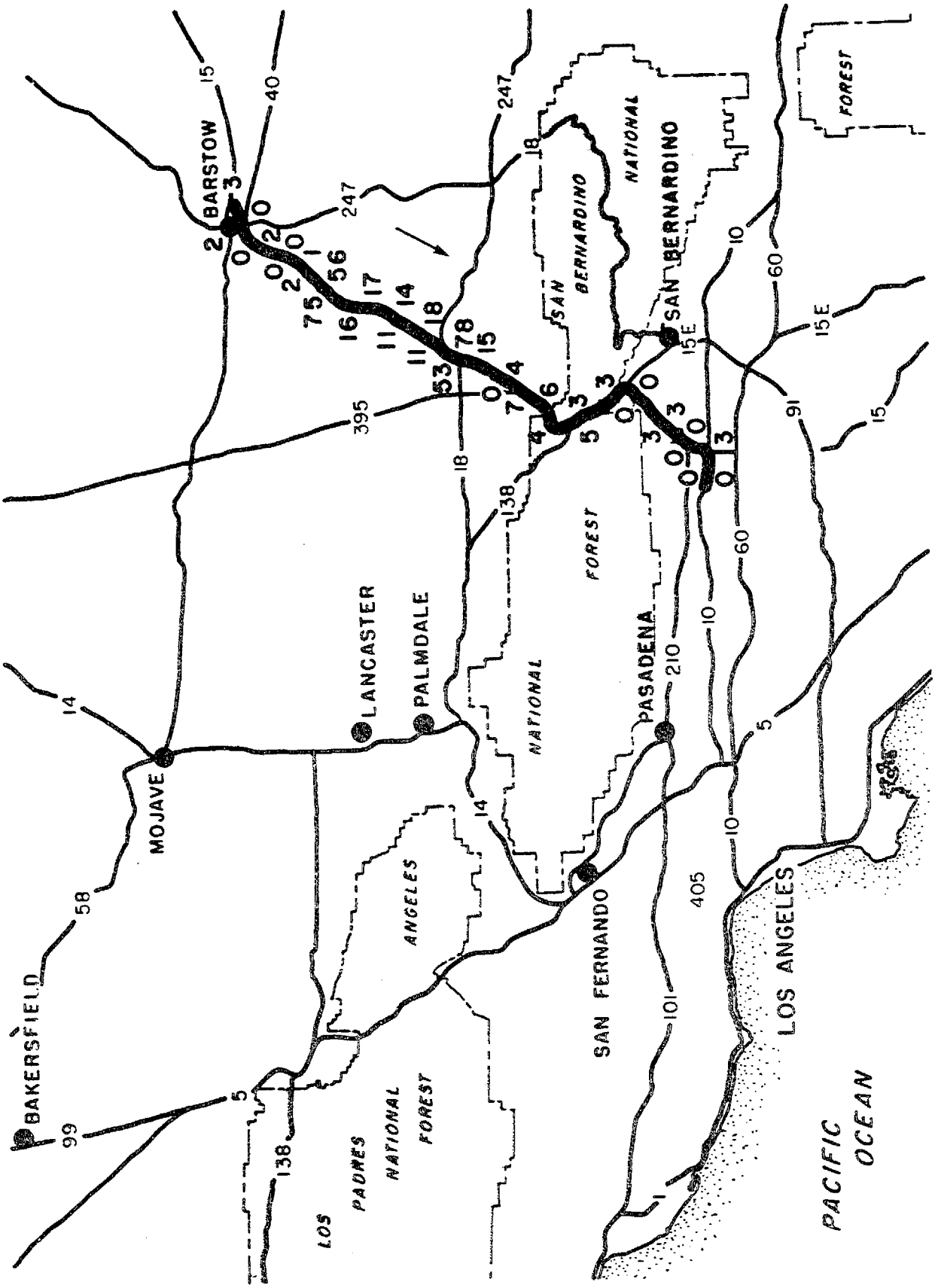
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1800 PDT, 7/14/81 AT 138 & N2 (QUAIL LAKE)
TRAVERSE END: 2100 PDT AT 210 & OSBORNE RD (PACOIMA)
TRAVERSE ROUTE: E ON N2; S ON 14, OSBORNE RD

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	0
76	2
77	5
78	2
79	3
80	1
81	0
82	3
82	*
84	4
85	3

LOS ANGELES DESERT STUDY TEST 2
TRAV. 1-5



THE NUMBER INDICATE SF_6 CONCENTRATION (PPT)

TIME: 2141 - 2303 PDT, 7/14/81

1-5 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 2141 PDT, 7/14/81 ON I-15 IN BARSTOW
TRAVERSE END: 2303 PDT AT MOUNTAIN & I-10 (UPLAND)
TRAVERSE ROUTE: S ON 1-15; W ON I-10

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	3	25	26	50	3
1	4	26	11	51	3
2	2	27	11	52	5
3	0	28	14	53	0
4	0	29	15	54	3
5	2	30	11	55	4
6	0	31	3	56	0
7	2	32	18	57	*
8	2	33	12	58	0
9	0	34	53	59	4
10	0	35	17	60	3
11	0	36	78	61	5
12	0	37	25	62	3
13	8	38	15	63	0
14	2	39	24	64	0
15	0	40	0	65	1
16	1	41	0	66	0
17	0	42	4	67	4
18	75	43	5	68	0
19	0	44	7	69	0
20	56	45	4	70	0
21	22	46	6	71	1
22	16	47	24	72	0
23	73	48	4	73	0
24	17	49	5	74	3

1-5 TRAV LAD-2

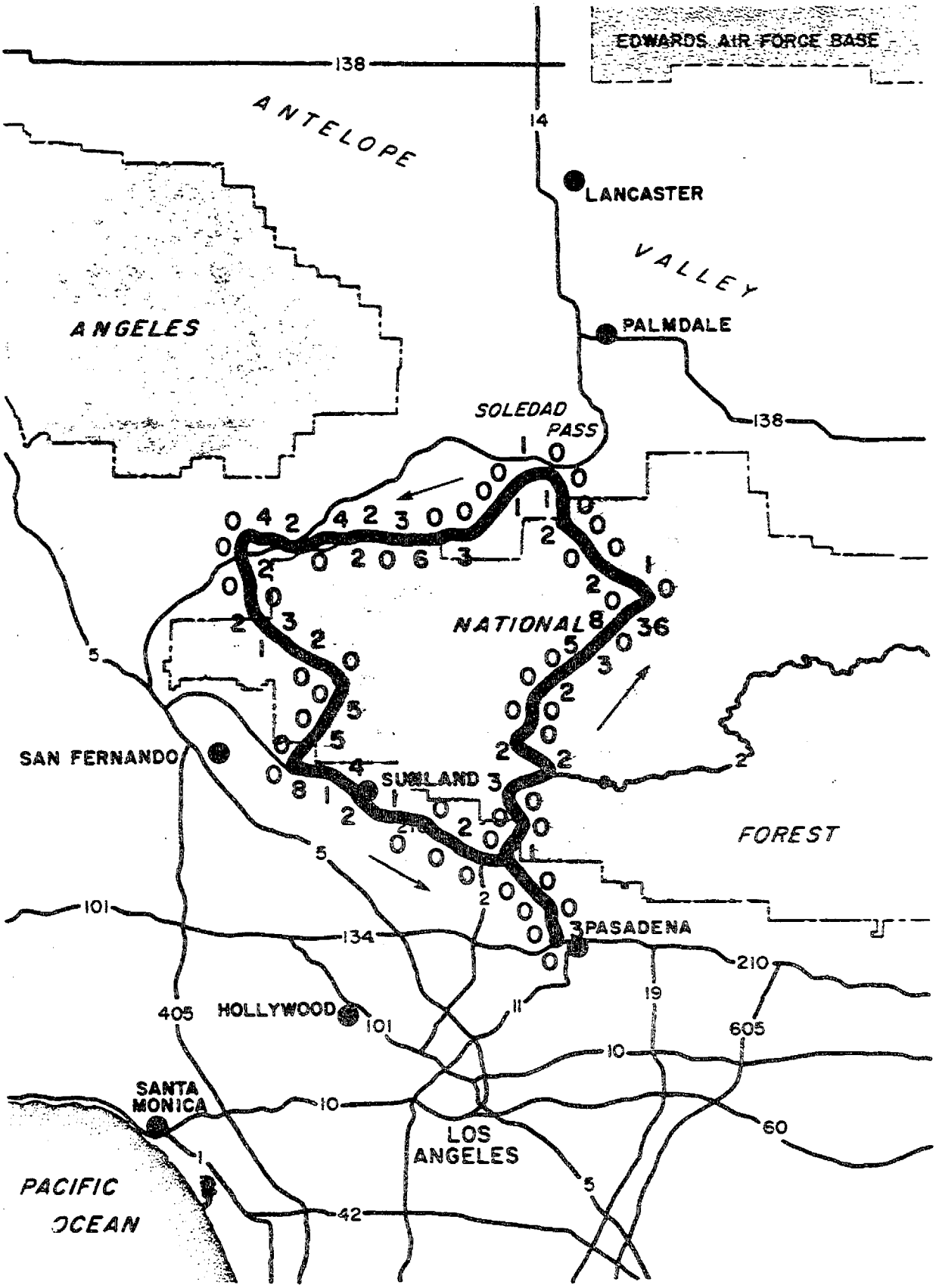
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 2141 PDT, 7/14/81 ON I-15 IN BARSTOW
TRAVERSE END: 2303 PDT AT MOUNTAIN & I-10 (UPLAND)
TRAVERSE ROUTE: S ON 1-15; W ON I-10

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	0
76	0
77	0
78	0
79	0

Los Angeles Desert Study Test 2
Trav: 2-1



The numbers indicate SF_6 concentration (PPT)

Time: 0045 - 0318 PDT, 7/15/81

2-1 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0045 PDT, 7/15/81 AT 2 & 210 (LA CANADA)
TRAVERSE END: 0318 PDT AT 134 & 210 (PASADENA)
TRAVERSE ROUTE: N ON ANGELES CREST HWY (2), ANGELES FOREST HWY; W ON ALISO CYN RD, SOLEDAD CYN RD; S ON SAND CYN RD; E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	1	25	0	50	4
1	0	26	0	51	0
2	0	27	1	52	2
3	*	28	2	53	4
4	*	29	0	54	0
5	2	30	0	55	0
6	0	31	0	56	0
7	3	32	2	57	2
8	2	33	0	58	0
9	2	34	1	59	0
10	1	35	0	60	2
11	1	36	0	61	3
12	2	37	1	62	1
13	0	38	0	63	2
14	0	39	0	64	0
15	0	40	0	65	0
16	0	41	1	66	*
17	0	42	0	67	0
18	2	43	3	68	5
19	0	44	0	69	0
20	3	45	6	70	0
21	5	46	3	71	*
22	0	47	0	72	3
23	8	48	2	73	5
24	*	49	2	74	1

2-1 TRAV LAD-2

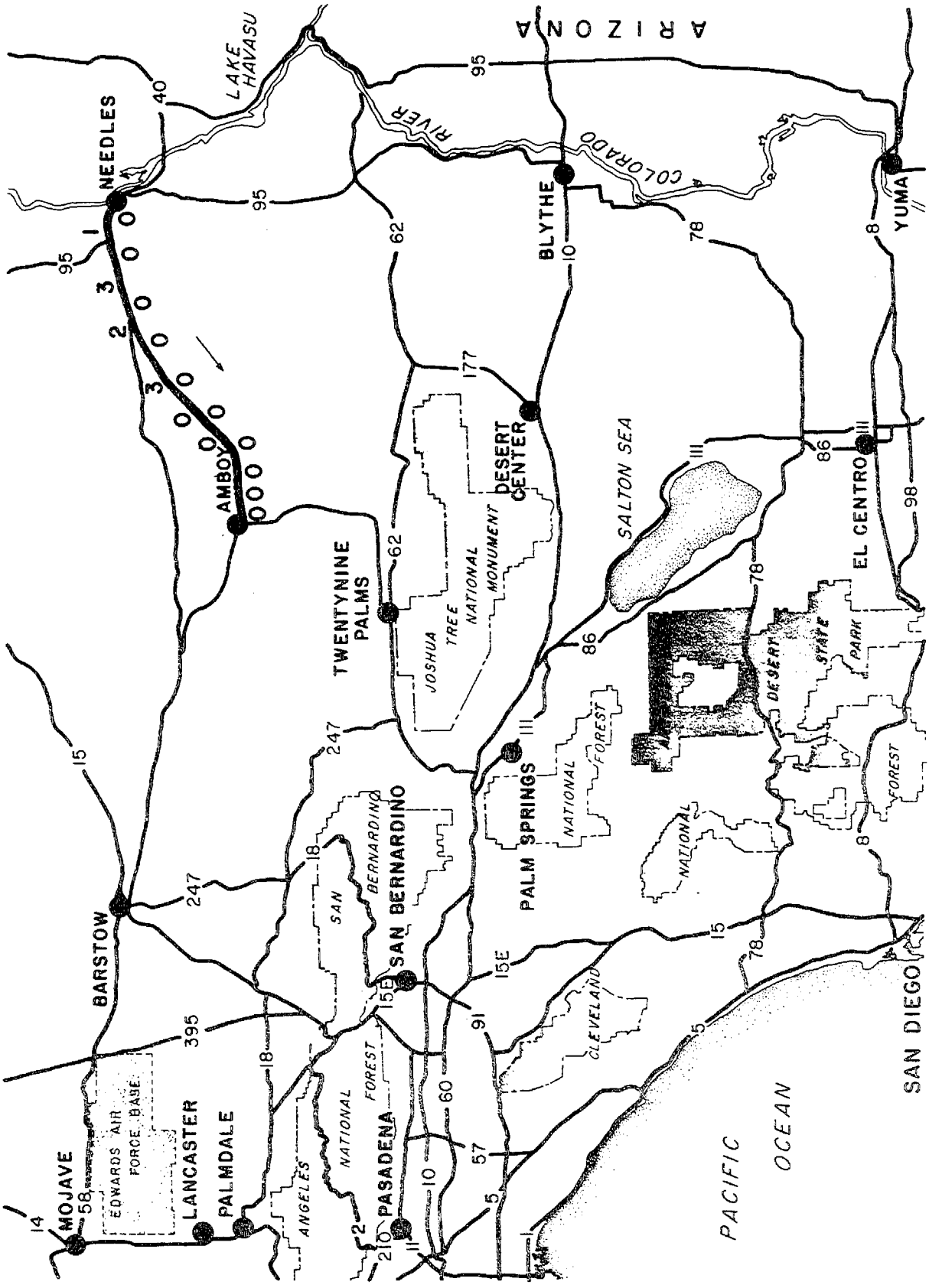
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0045 PDT, 7/15/81 AT 2 & 210 (LA CANADA)
TRAVERSE END: 0318 PDT AT 134 & 210 (PASADENA)
TRAVERSE ROUTE: N ON ANGELES CREST HWY (2), ANGELES FOREST HWY; W ON ALISO CYN RD, SOLEDAD CYN RD; S ON SAND CYN RD; E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
75	4
76	2
77	1
78	*
79	0
80	0
81	2
82	2
83	0
84	0
85	0
86	0
87	3
88	0

LOS ANGELES DESERT STUDY TEST 2
TRAV: 2-2



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 0849 - 1015 PDT, 7/15/81

2-2 TRAV LAD-2

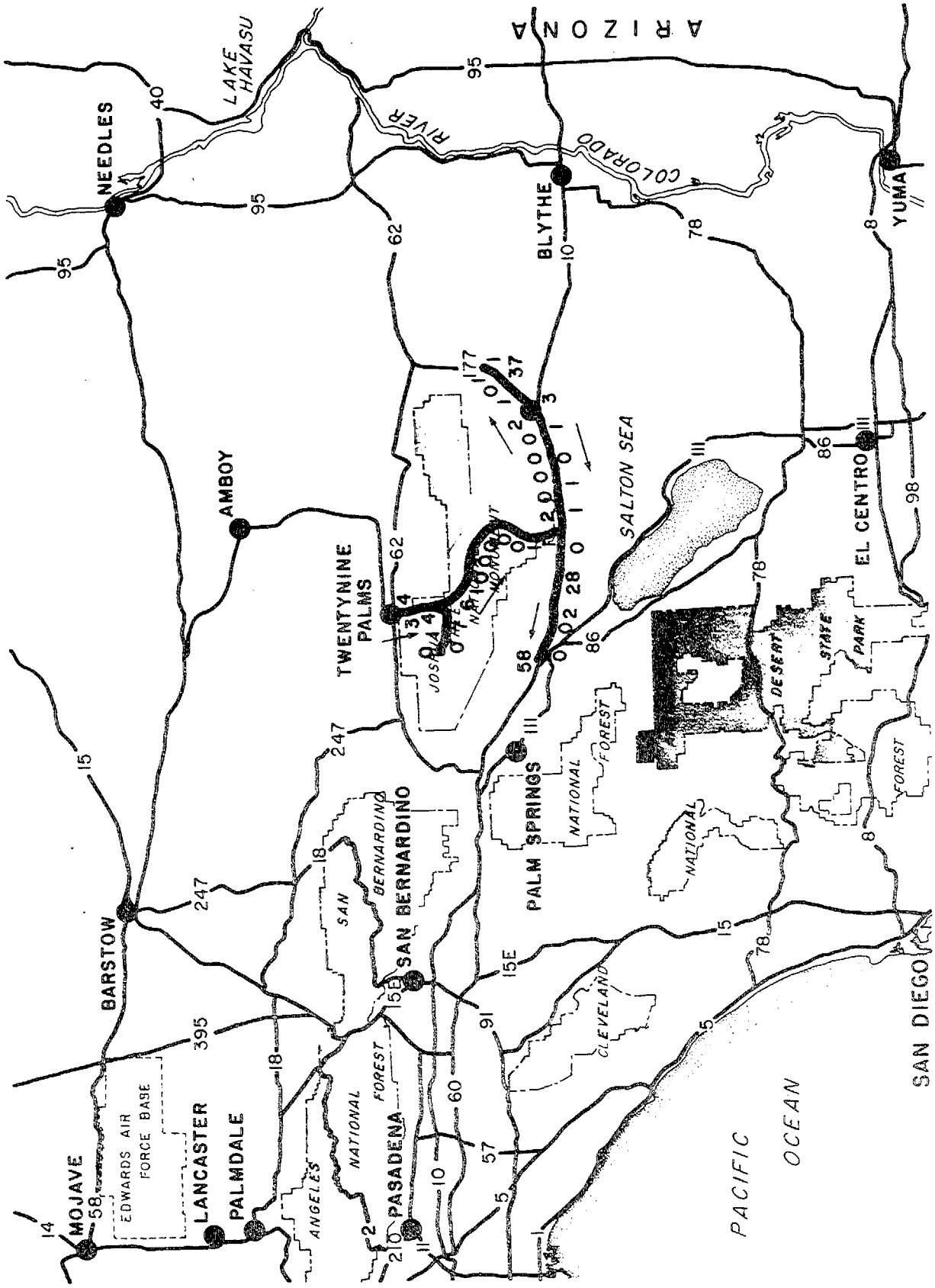
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0849 PDT, 7/15/81 AT NEEDLES AIRPORT
TRAVERSE END: 1015 PDT ON AMBOY RD IN AMBOY
TRAVERSE ROUTE: N ON 95; W ON 40, AMBOY RD

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	1
10	0
15	3
20	0
25	2
30	0
35	3
40	0
45	0
50	0
55	0
60	0
65	0
70	0
75	0
77	0

Los Angeles Desert Study Test 2
Trav: 2-3



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 0915 - 1423 PDT, 7/15/81

2-3 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0915 PDT, 7/15/81 AT 62 & UTAH DR (29 PALMS)
TRAVERSE END: 1423 PDT AT JACKSON ST & I-10 (INDIO)
TRAVERSE ROUTE: S THROUGH JOSHUA TREE NATIONAL FOREST; E ON 10; N ON 177 (3 MILES); S ON 177; W ON 10

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	4	125	*
5	3	130	3
10	4	135	1
15	1	140	0
20	0	145	1
25	0	150	1
30	7	155	0
35	6	160	*
40	1	165	2
45	0	170	0
50	0	175	0
55	0	180	*
60	0		
65	1		
70	1		
75	2		
80	0		
85	0		
90	0		
95	0		
100	2		
105	1		
110	0		
115	1		
120	1		

Los Angeles Desert Study Test 2
Trav. 2-4

THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 0939 - 1538 PDT, 7/15/81

2-4 TRAV LAD-2

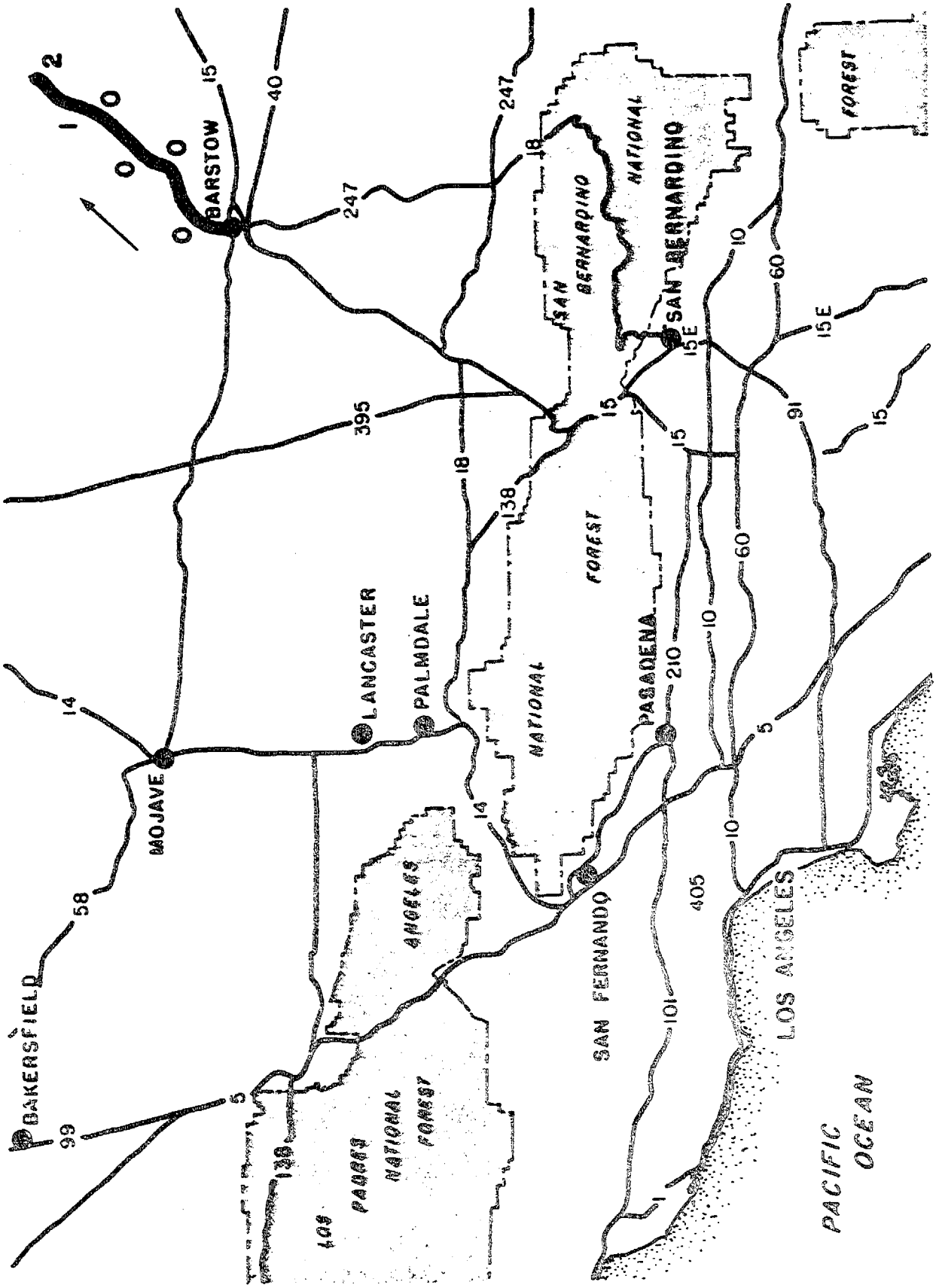
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0939 PDT, 7/15/81 AT IRWIN RD & 58 (BARSTOW)
TRAVERSE END: 1538 PDT AT LINCOLN & 210 (PASADENA)
TRAVERSE ROUTE: W ON 58; S ON 14; E ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	125	0
5	0	130	0
10	0	135	0
15	0	140	0
20	0	145	0
25	4	150	0
30	0	155	1
35	3	160	0
40	0	165	0
45	0	170	0
50	0		
55	0		
60	0		
65	2		
70	0		
75	0		
80	2		
85	0		
90	0		
95	0		
100	0		
105	0		
110	0		
115	0		
120	0		

Los Angeles Desert Study Test 2
Trav. 2-5



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1023 - 1050 PDT, 7/15/81

2-5 TRAV LAD-2

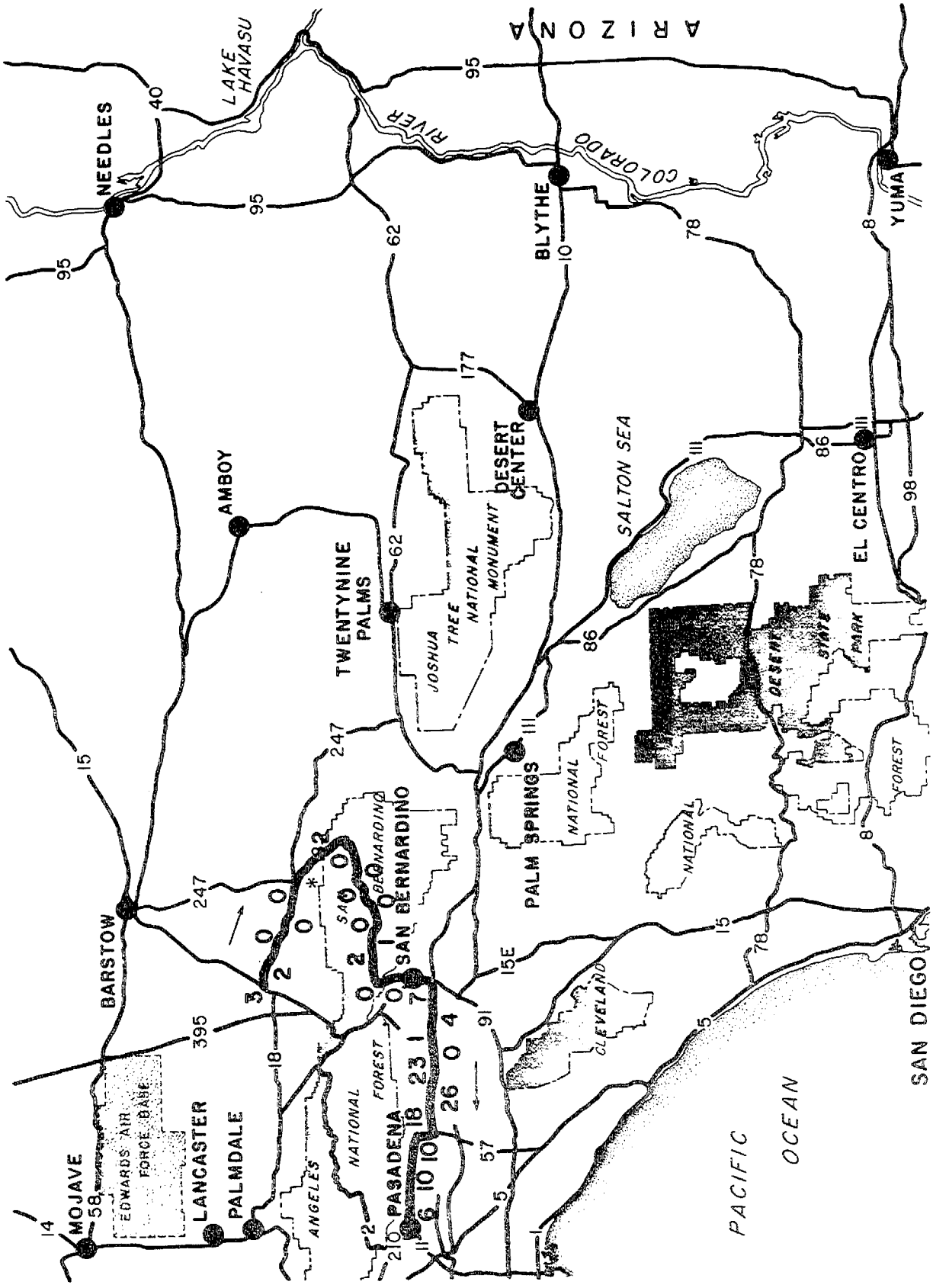
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1023 PDT, 7/15/81 AT IRWIN RD & 58 (BARSTOW)
TRAVERSE END: 1050 PDT ON IRWIN RD IN FORT IRWIN
TRAVERSE ROUTE: N ON IRWIN RD

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	1
20	0
25	1
30	2

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-6



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1100 - 1738 PDT, 7/15/81

2-6 TRAV LAD-2

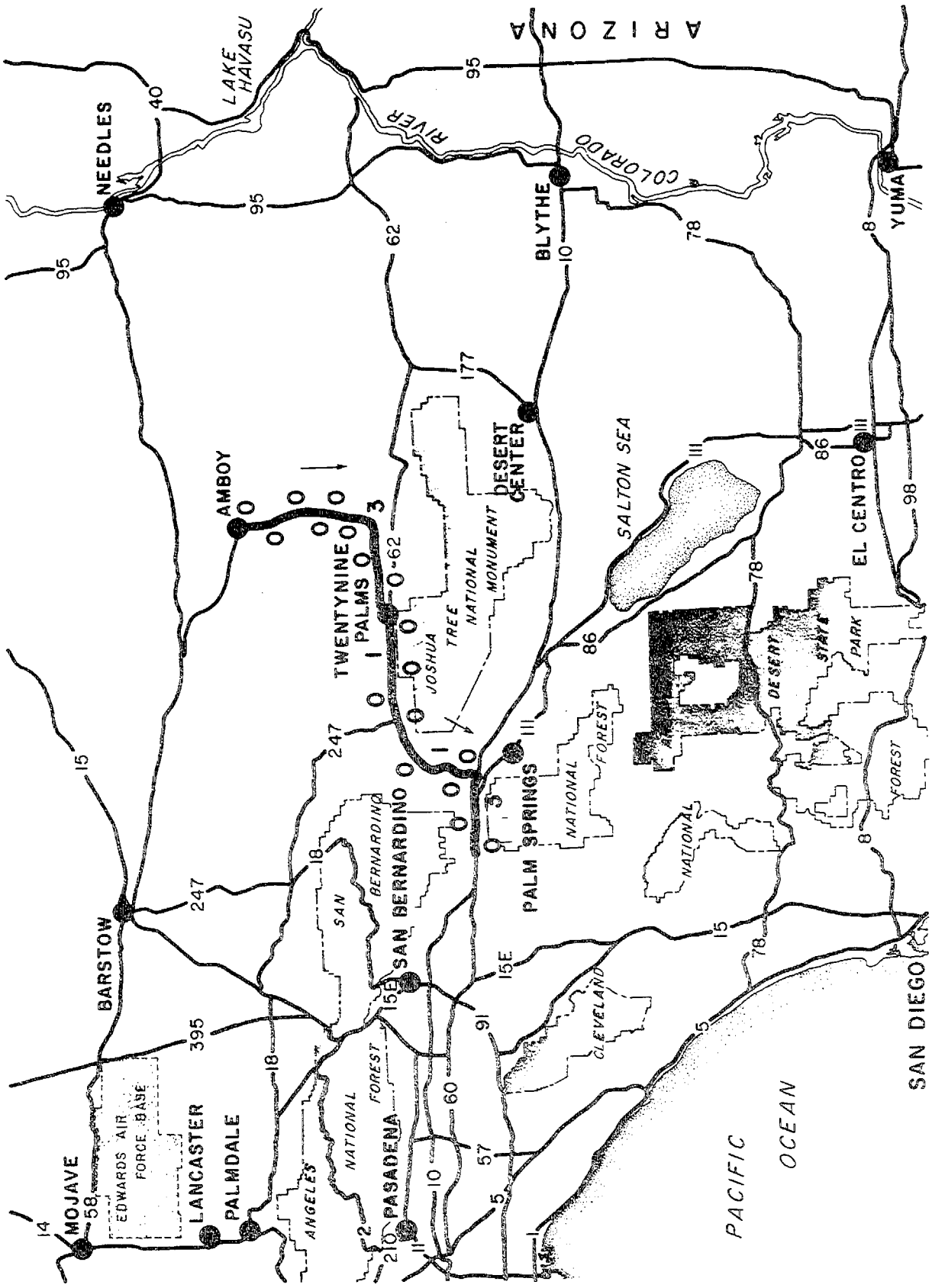
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1100 PDT, 7/15/81 AT YATES & MARIPOSA (VICTORVILLE)
TRAVERSE END: 1738 PDT AT 210 & MADRE (PASADENA)
TRAVERSE ROUTE: E ON YATES; S ON HESPERIA; E ON BEAR VLY CUTOFF; E ON 18; S ON 15E; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	3	125	26
5	2	130	18
10	0	135	10
15	0	140	10
20	0	145	6
25	0		
30	2		
35	0		
40	0		
45	0		
50	0		
55	0		
60	0		
65	0		
70	0		
75	1		
80	2		
85	0		
90	0		
95	7		
100	4		
105	1		
110	0		
115	0		
120	23		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-7



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1108 - 1347 PDT, 7/15/81

2-7 TRAV LAD-2

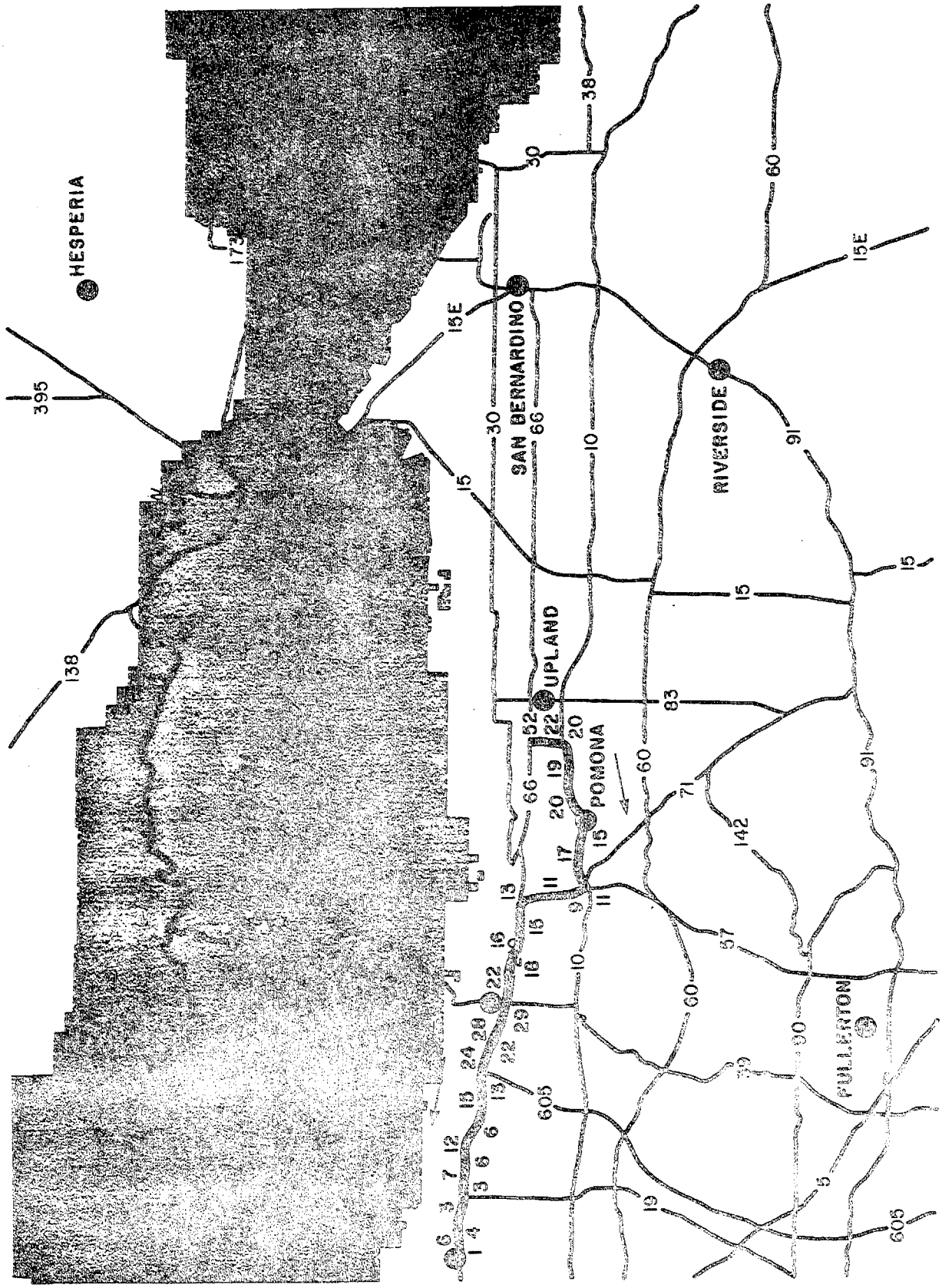
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1108 PDT, 7/15/81 ON AMBOY RD IN AMBOY
TRAVERSE END: 1347 PDT AT HARGRAVE & 10 (BANNING)
TRAVERSE ROUTE: S ON AMBOY RD; SE ON 62,10

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	0
20	0
25	0
30	3
35	0
40	0
45	0
50	0
55	0
60	0
65	1
70	0
75	0
80	0
85	1
90	0
95	0
100	3
105	0
110	0

Los Angeles Desert Study Test 2
Trav. 2-8



The numbers indicate SF_6 concentration (PPT)
Time: 1115 - 1155 PDT, 7/15/81

2-8 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1115 PDT, 7/15/81 AT FOOTHILL & BENSON (UPLAND)
TRAVERSE END: 1155 PDT AT CALTECH (PASADENA)
TRAVERSE ROUTE: W ON FOOTHILL; S ON CENTRAL; W ON 10,210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	52	25	7
1	22	26	3
2	20	27	3
3	19	28	4
4	20	29	6
5	15		
6	17		
7	11		
8	9		
9	11		
10	13		
11	15		
12	16		
13	*		
14	18		
15	22		
16	29		
17	28		
18	22		
19	24		
20	13		
21	15		
22	6		
23	12		
24	6		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-9

THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1137 - 1415 PDT, 7/15/81

2-9 TRAV LAD-2

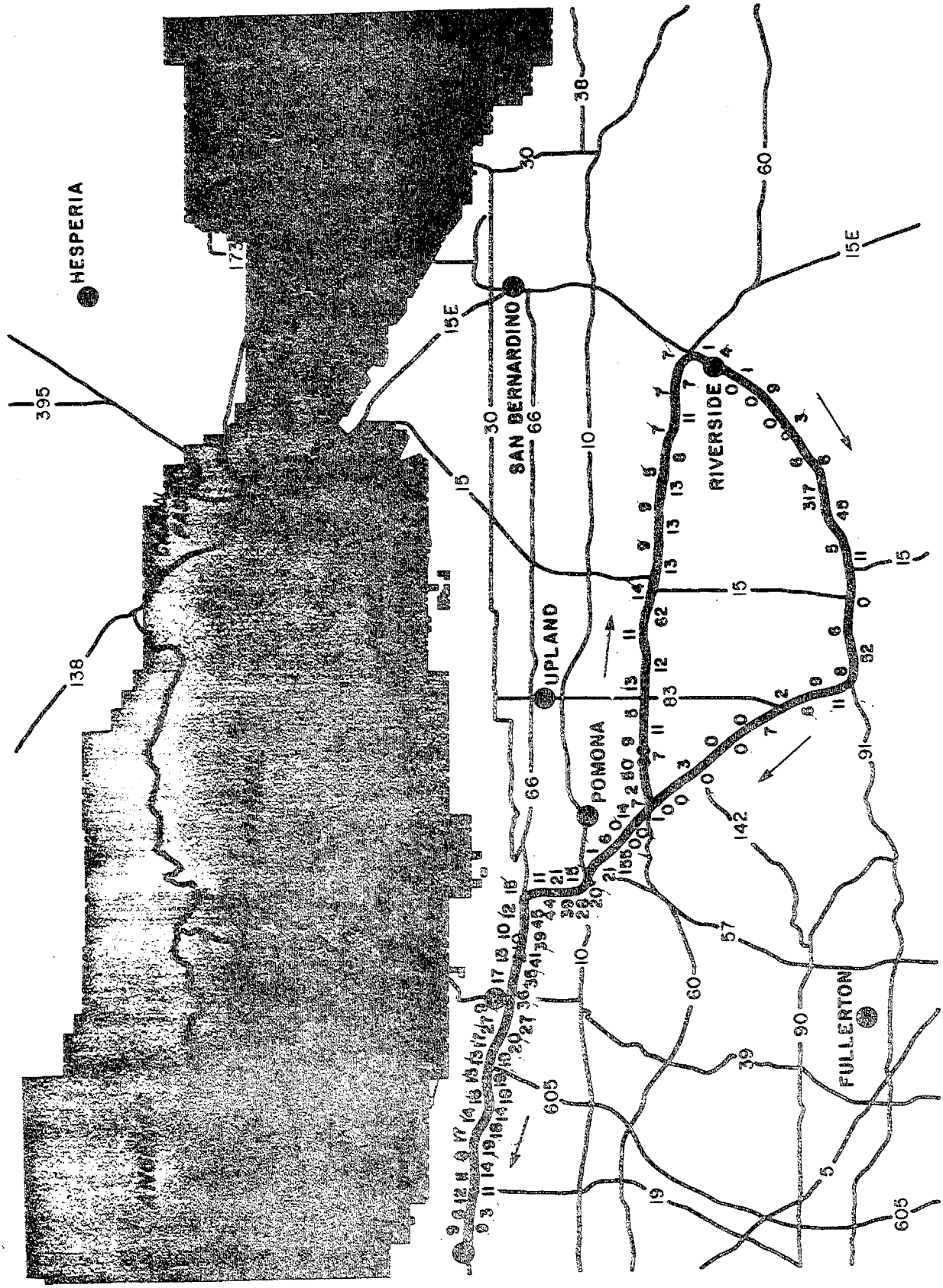
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1137 PDT, 7/15/81 ON FORT IRWIN RD IN FORT IRWIN
TRAVERSE END: 1415 PDT AT CENTRAL & 91 (RIVERSIDE)
TRAVERSE ROUTE: S ON FT IRWIN RD, 15, 15E, 91

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	1
5	1
10	0
15	0
20	0
25	0
30	3
35	0
40	2
45	0
50	0
55	1
60	0
65	0
70	0
75	0
80	0
85	1
90	14
95	7
100	10
105	16
110	23
115	5

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-10



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1304 - 1603 PDT, 7/15/81

2-10 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1304 PDT, 7/15/81 AT 210 & HILL (PASADENA)
TRAVERSE END: 1603 PDT AT 210 & HILL (PASADENA)
TRAVERSE ROUTE: E ON 210; S ON 71; E ON 60; S ON 91; N ON 71; W ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	9	25	7	50	4
1	6	26	2	51	5
2	12	27	53	52	1
3	11	28	7	53	3
4	8	29	9	54	9
5	17	30	11	55	0
6	14	31	5	56	3
7	16	32	13	57	6
8	13	33	12	58	6
9	13	34	11	59	319
10	17	35	63	60	45
11	27	36	14	61	5
12	9	37	13	62	11
13	17	38	9	63	0
14	13	39	13	64	6
15	10	40	9	65	52
16	12	41	13	66	6
17	15	42	5	67	11
18	11	43	8	68	9
19	21	44	7	69	6
20	15	45	11	70	2
21	1	46	4	71	7
22	6	47	4	72	0
23	0	48	7	73	0
24	14	49	1	74	0

2-10 TRAV LAD-2

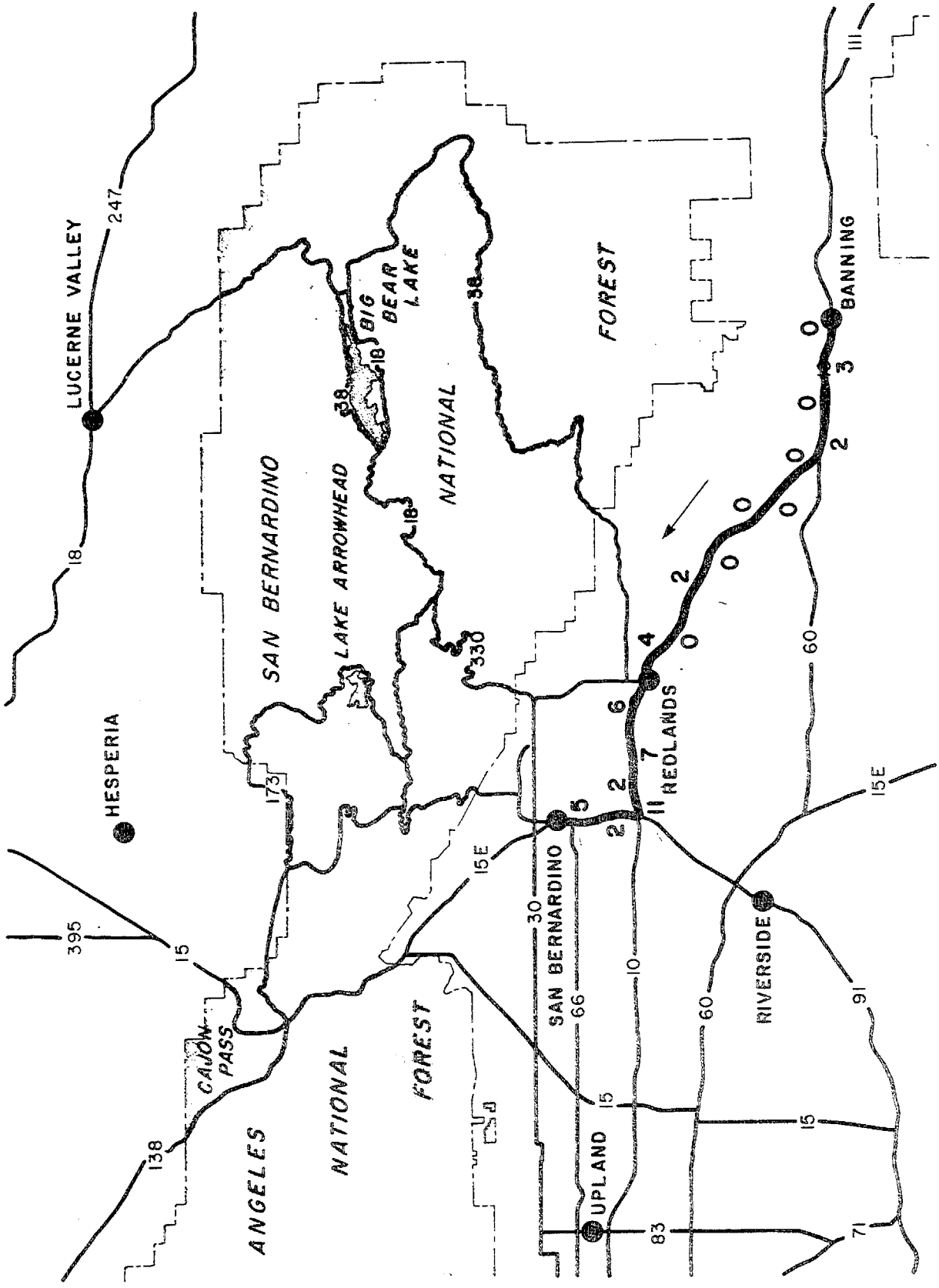
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1304 PDT, 7/15/81 AT 210 & HILL (PASADENA)
TRAVERSE END: 1603 PDT AT 210 & HILL (PASADENA)
TRAVERSE ROUTE: E ON 210; S ON 71; E ON 60; S ON 91; N ON 71; W ON 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
75	0	100	18
76	3	101	19
77	0	102	14
78	0	103	11
79	1	104	3
80	0	105	9
81	0		
82	154		
83	21		
84	20		
85	28		
86	39		
87	44		
88	45		
89	39		
90	41		
91	39		
92	35		
93	36		
94	27		
95	20		
96	19		
97	19		
98	18		
99	14		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-11



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1425 - 1505 PDT, 7/15/81

2-11 TRAV LAD-2

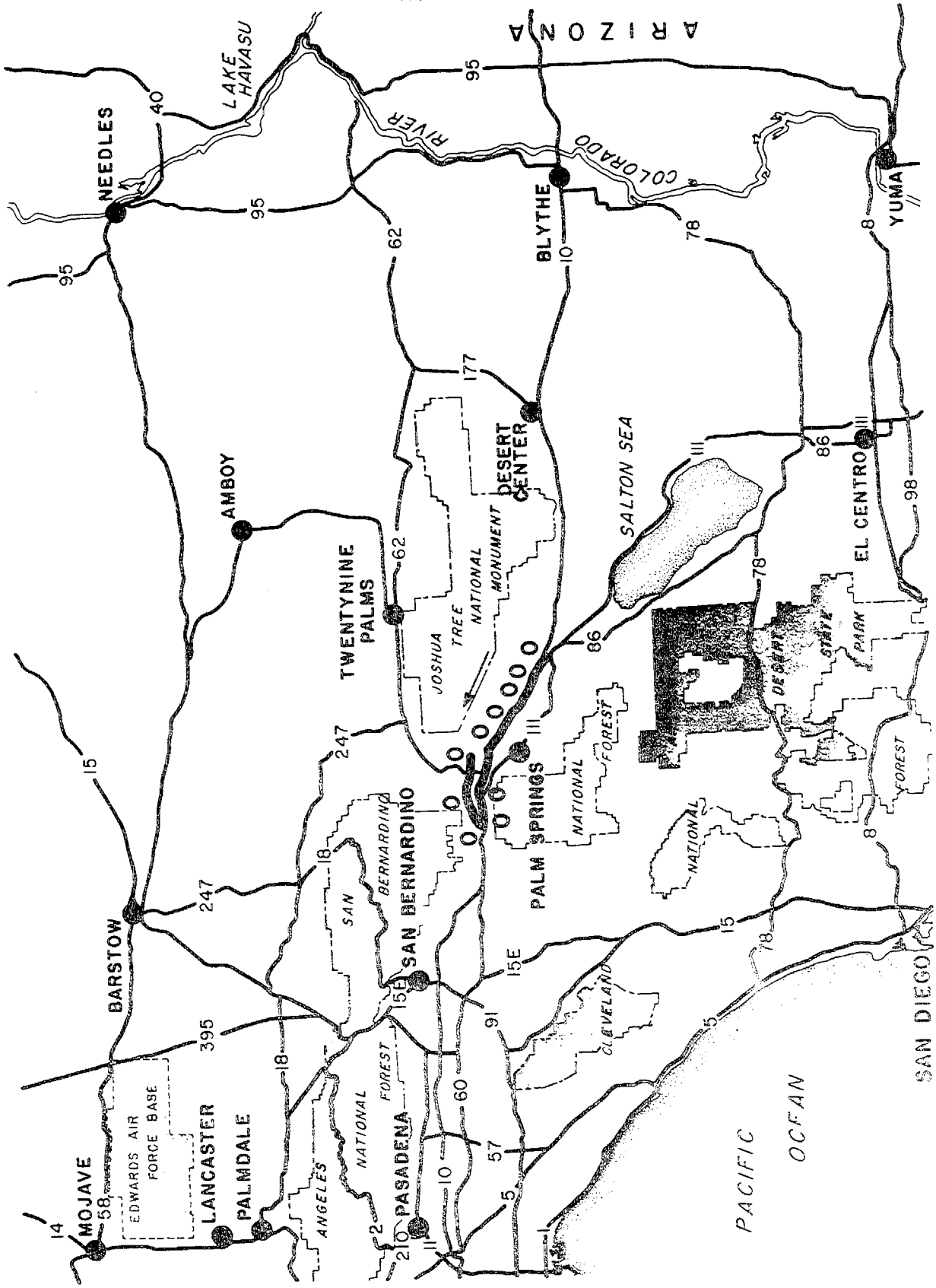
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1425 PDT, 7/15/81 ON 10 IN BANNING
TRAVERSE END: 1505 PDT AT 15E & 4TH ST (SAN BERNARDINO)
TRAVERSE ROUTE: W ON 10; N ON 15E

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
2	3
4	0
6	2
8	0
10	0
12	0
14	0
16	2
18	0
20	4
22	6
24	7
26	2
28	11
30	2
32	5

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-12



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1510 - 1602 PDT, 7/15/81

2-12 TRAV LAD-2

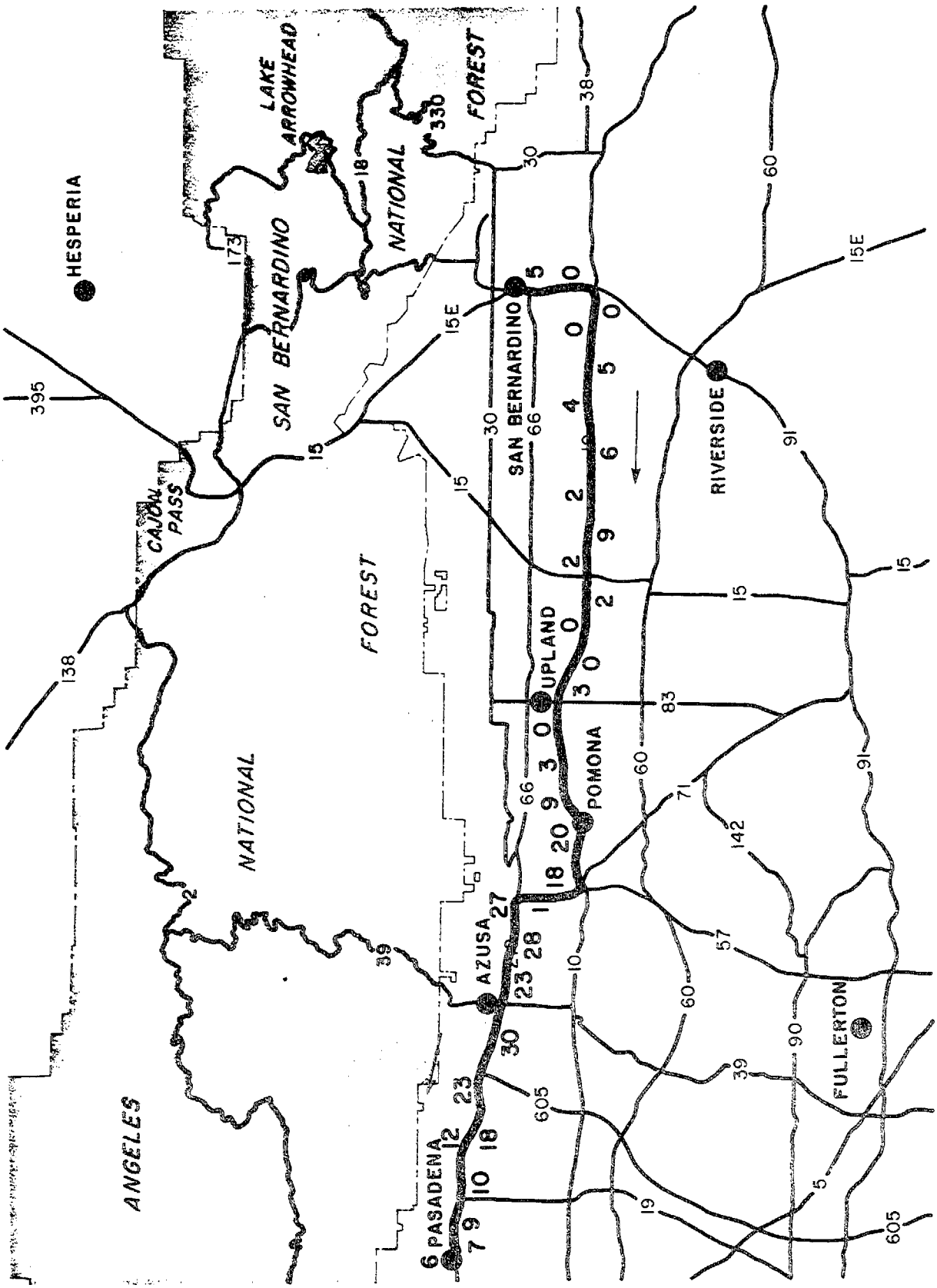
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1510 PDT, 7/15/81 AT JACKSON ST & I-10 (INDIO)
TRAVERSE END: 1602 PDT ON 111 JUST N OF PALM SPRINGS
TRAVERSE ROUTE: W ON 10; S ON 111

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT
0	0
5	0
10	0
15	0
20	0
25	0
30	0
35	0
40	0
45	0

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-13



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1530 - 1705 PDT, 7/15/81

2-13 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

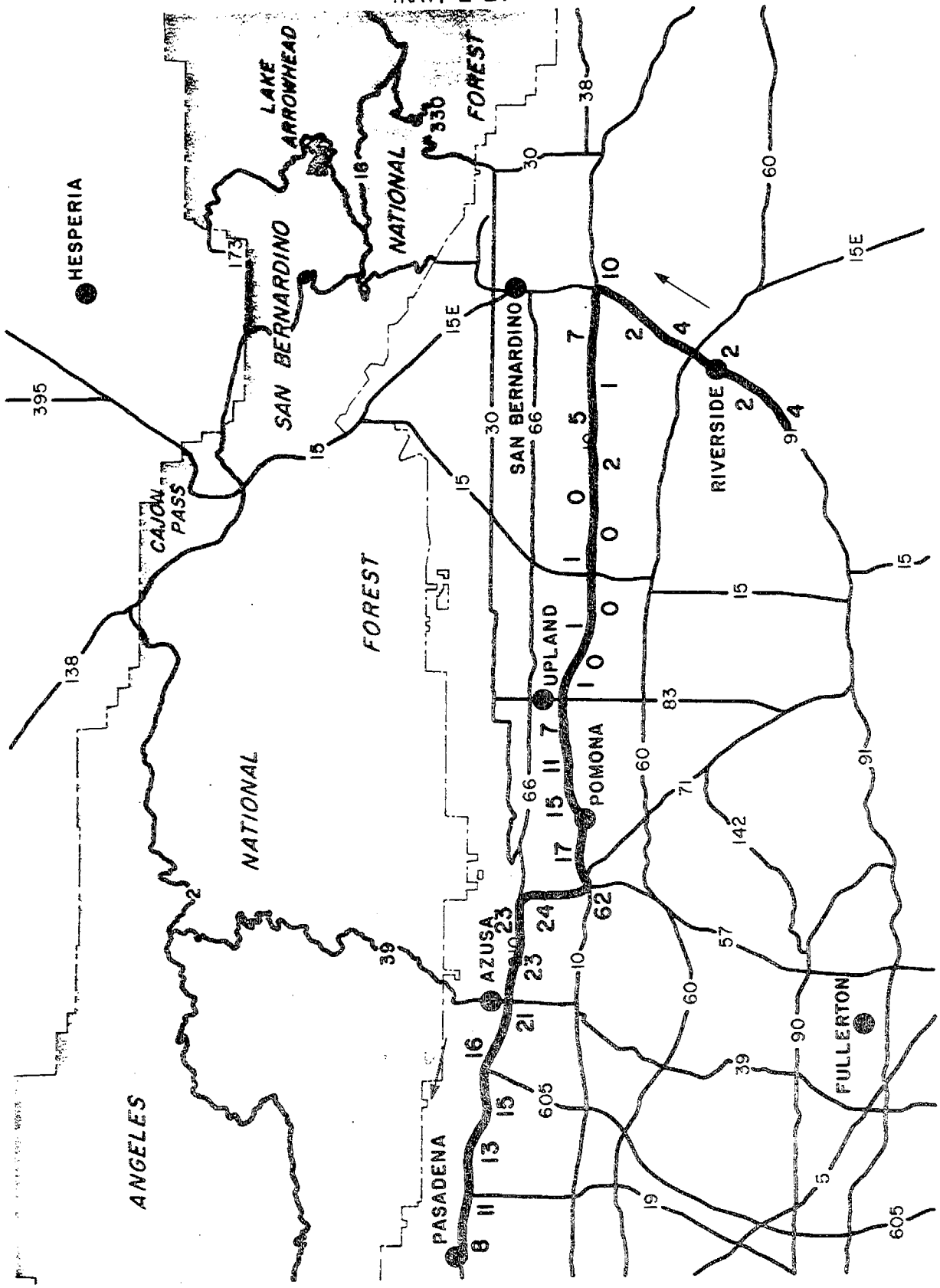
TRAVERSE START: 1530 PDT, 7/15/81 AT 15E & 4TH ST (SAN BERNARDINO)
TRAVERSE END: 1705 PDT AT HILL & 210 (PASADENA)
TRAVERSE ROUTE: S ON 15E; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	5	50	12
2	0	52	10
4	0	54	5
6	5	56	7
8	4	58	6
10	6		
12	2		
14	9		
16	2		
18	2		
20	0		
22	0		
24	3		
26	0		
28	1		
30	9		
32	20		
34	18		
36	1		
38	27		
40	28		
42	23		
44	30		
46	23		
48	18		

LOS ANGELES DESERT STUDY TEST 2

TRAV. 2-14



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1548 - 1656 PDT, 7/15/81

2-14 TRAV LAD-2

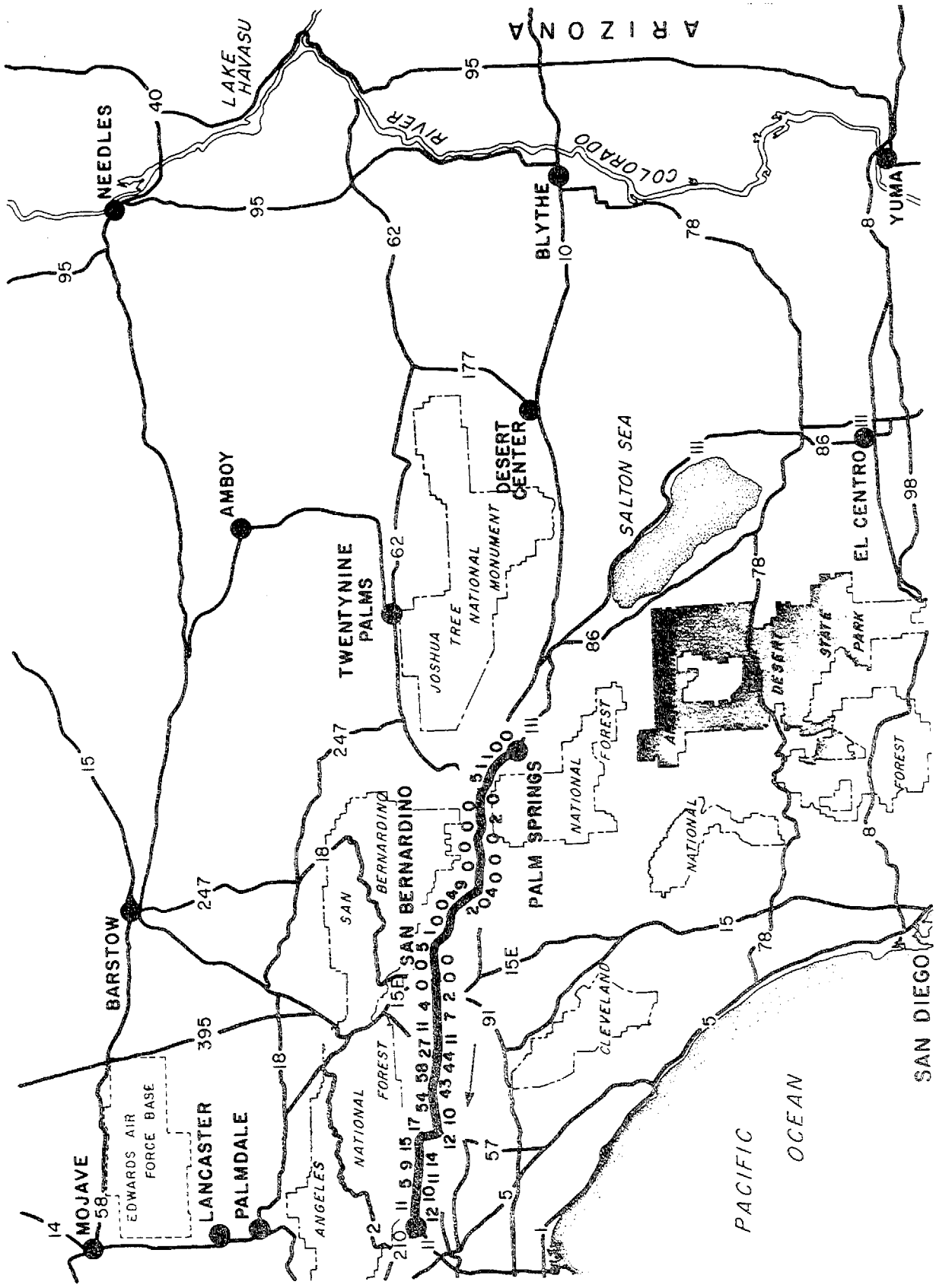
RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1548 PDT, 77/15/81 AT 91 & CENTRAL AVE (RIVERSIDE)
TRAVERSE END: 1656 PDT AT 210 & HILL (PASADENA)
TRAVERSE ROUTE: N ON 91, 15E; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	4	50	21
2	2	52	16
4	2	54	15
6	4	56	13
8	2	58	*
10	10	60	11
12	7	62	8
14	1		
16	5		
18	2		
20	0		
22	0		
24	1		
26	0		
28	1		
30	0		
32	1		
34	2		
36	11		
38	15		
40	17		
42	62		
44	24		
46	23		
48	23		

LOS ANGELES DESERT STUDY TEST 2
TRAV. 2-15



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)

TIME: 1656 - 1848 PDT, 7/15/81

2-15 TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1656 PDT, 7/15/81 AT RACQUET CLUB RD & RT 111 (PALM SPRINGS)
TRAVERSE END: 1848 PDT AT MADRE & 210 (PASADENA)
TRAVERSE ROUTE: N ON 111; W ON 10, 210

* DENOTES MISSING DATA

MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT	MILEAGE	[SF6] PPT
0	0	50	0	100	12
2	5	52	0		
4	1	54	0		
6	1	56	0		
8	0	58	0		
10	0	60	2		
12	0	62	2		
14	2	64	7		
16	0	66	11		
18	0	68	11		
20	0	70	27		
22	0	72	44		
24	0	74	58		
26	0	76	43		
28	0	78	54		
30	4	80	10		
32	0	82	12		
34	0	84	17		
36	2	86	10		
38	9	88	14		
40	4	90	9		
42	0	92	11		
44	0	94	5		
46	1	96	10		
48	5	98	11		

Appendix B3

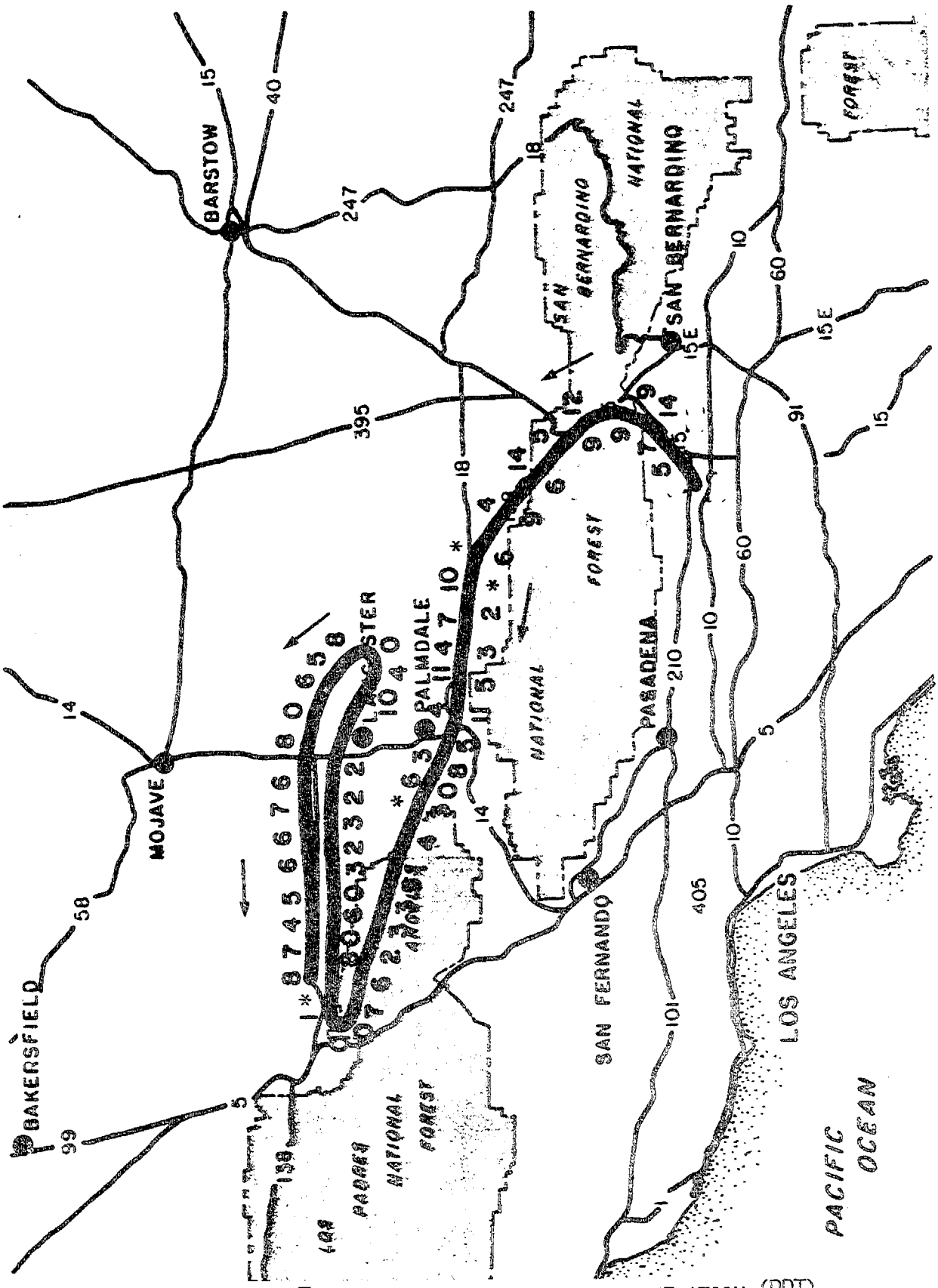
Airplane Traverse Tracer Data

for

Test 2

Conducted Starting July 14, 1981

LOS ANGELES DESERT STUDY TEST 2
AIR TRAV. 1-1 (A)



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1324 - 1623 PDT, 7/14/81

1-1 AIR TRAV LAD-2

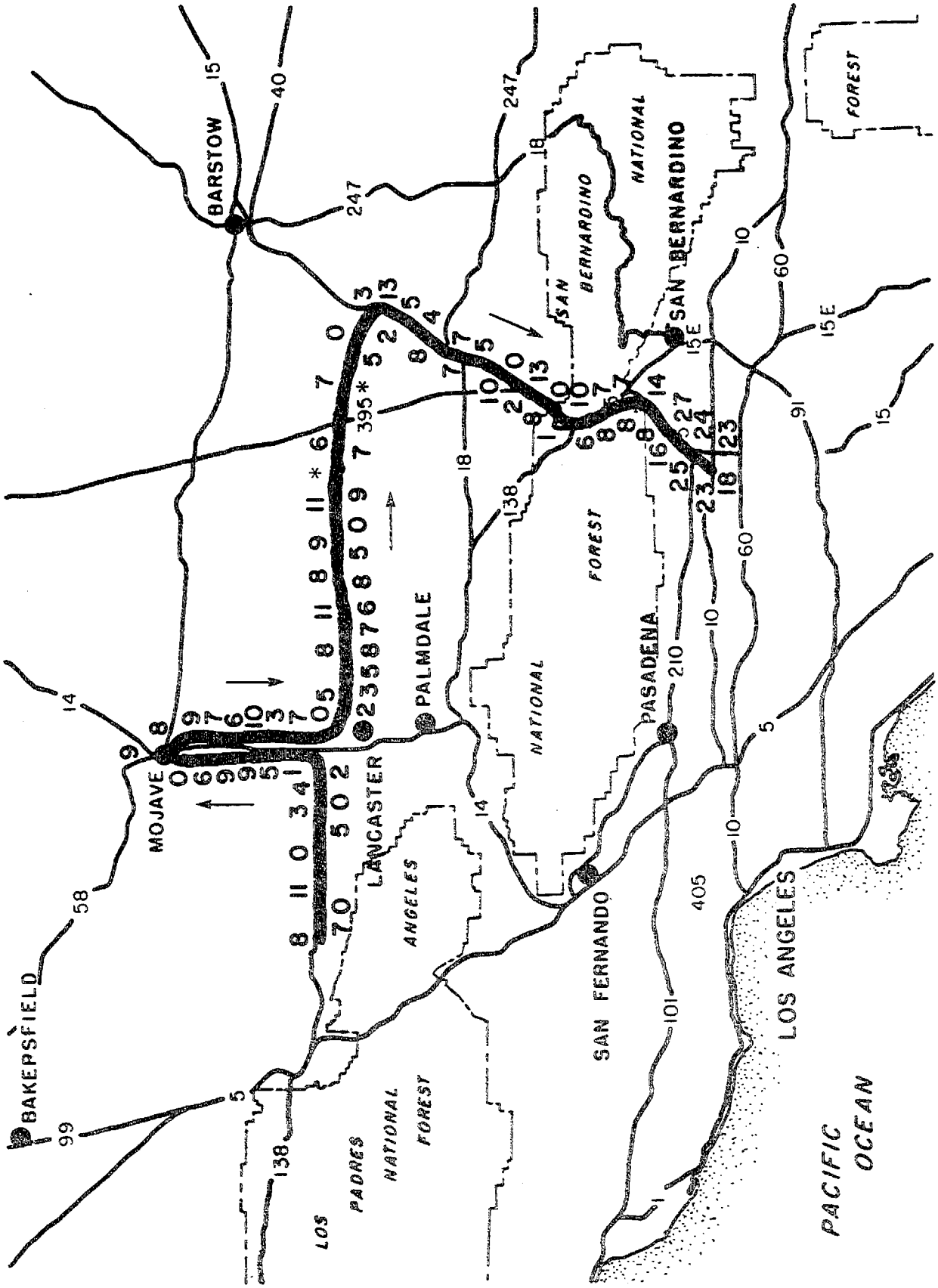
RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1324 PDT, 7/14/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1623 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	57	26	4	51	7
2	14	27	10	52	0
3	9	28	5	53	0
4	9	29	3	54	1
5	9	30	6	55	*
6	12	31	8	56	8
7	5	32	6	57	0
8	6	33	0	58	0
9	14	34	*	59	5
10	9	35	5	60	6
11	4	36	3	61	0
12	6	37	2	62	3
13	*	38	5	63	2
14	*	39	1	64	2
15	10	40	4	65	3
16	2	41	6	66	3
17	7	42	0	67	2
18	3	43	1	68	2
19	4	44	7	69	2
20	5	45	5	70	0
21	11	46	0	71	10
22	7	47	3	72	4
23	11	48	3	73	0
24	6	49	2	74	8
25	4	50	6	75	5

LOS ANGELES DESERT STUDY TEST 2
AIR TRAV. 1-1 (B)



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1324 - 1623 PDT, 7/14/81

1-1 AIR TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1324 PDT, 7/14/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1623 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
76	6	101	0	126	7
77	0	102	2	127	8
78	8	103	4	128	6
79	6	104	1	129	11
80	7	105	5	130	8
81	6	106	9	131	8
82	0	107	9	132	5
83	9	108	6	133	9
84	6	109	0	134	0
85	3	110	0	135	11
86	5	111	9	136	9
87	4	112	0	137	*
88	5	113	8	138	7
89	0	114	9	139	6
90	4	115	7	140	*
91	7	116	6	141	7
92	8	117	10	142	5
93	8	118	3	143	0
94	7	119	7	144	2
95	0	120	0	145	3
96	11	121	5	146	13
97	*	122	2	147	5
98	0	123	3	148	4
99	5	124	5	149	8
100	3	125	8	150	7

1-1 AIR TRAV LAD-2

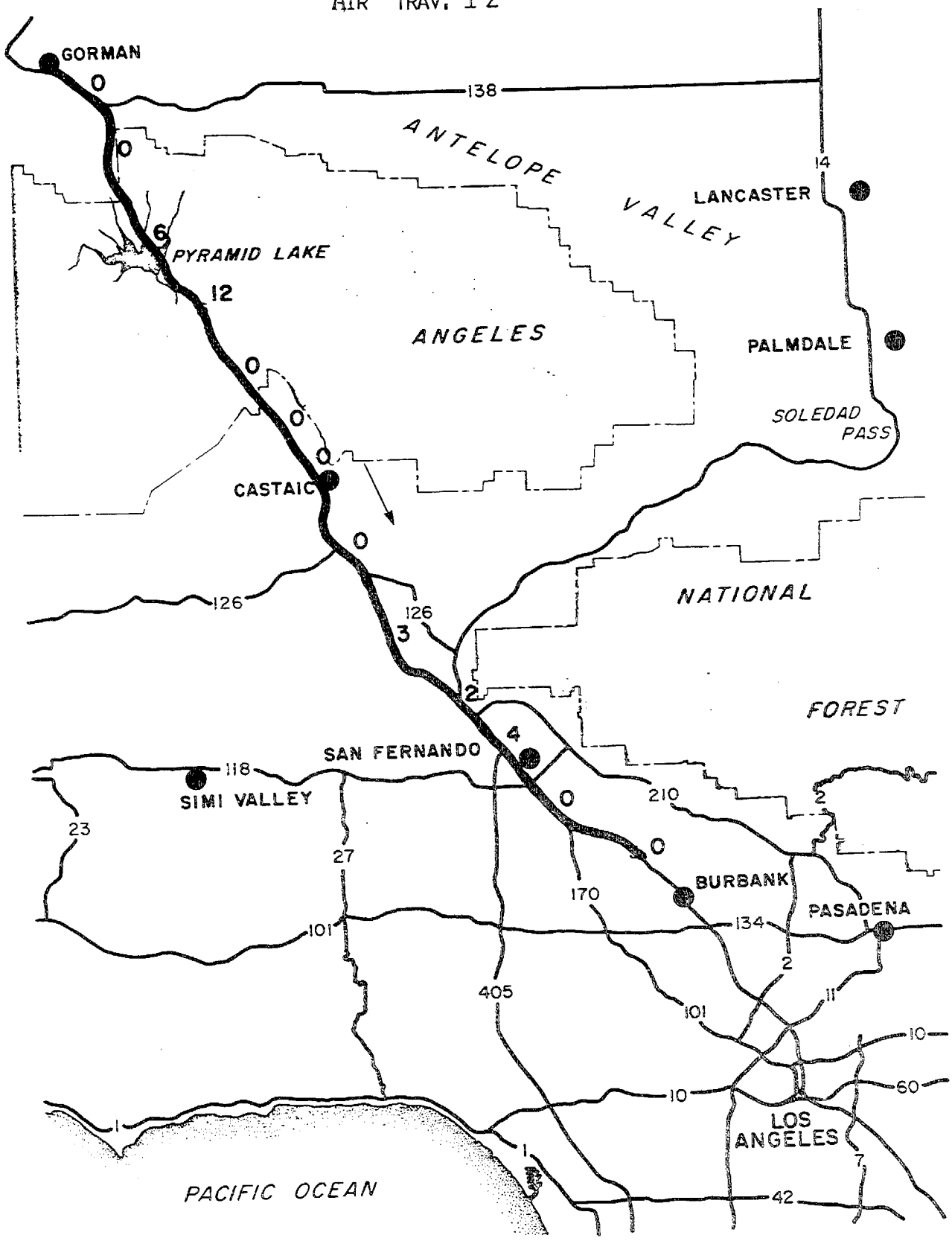
RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1324 PDT, 7/14/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1623 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT
151	7
152	5
153	10
154	0
155	2
156	13
157	8
158	0
159	1
160	10
161	6
162	8
163	7
164	8
165	7
166	8
167	14
168	16
169	27
170	25
171	24
172	23
173	23
174	18

Los Angeles Desert Study Test 2
Air Trav. 1-2



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 1737 - 1915 PDT, 7/14/81

1-2 AIR TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1737 PDT, 7/14/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1915 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	6	26	4	51	5
2	8	27	6	52	6
3	12	28	5	53	5
4	6	29	6	54	5
5	5	30	2	55	0
6	10	31	4	56	2
7	11	32	32	57	8
8	6	33	8	58	4
9	2	34	0	59	5
10	4	35	0	60	5
11	8	36	*	61	8
12	5	37	7	62	29
13	40	38	2	63	12
14	6	39	8	64	11
15	8	40	9	65	20
16	6	41	6	66	23
17	3	42	3	67	32
18	6	43	0	68	23
19	1	44	32	69	40
20	11	45	6	70	8
21	3	46	5	71	3
22	0	47	5	72	10
23	3	48	7	73	7
24	2	49	8	74	5
25	6	50	6	75	9

1-2 AIR TRAV LAD-2

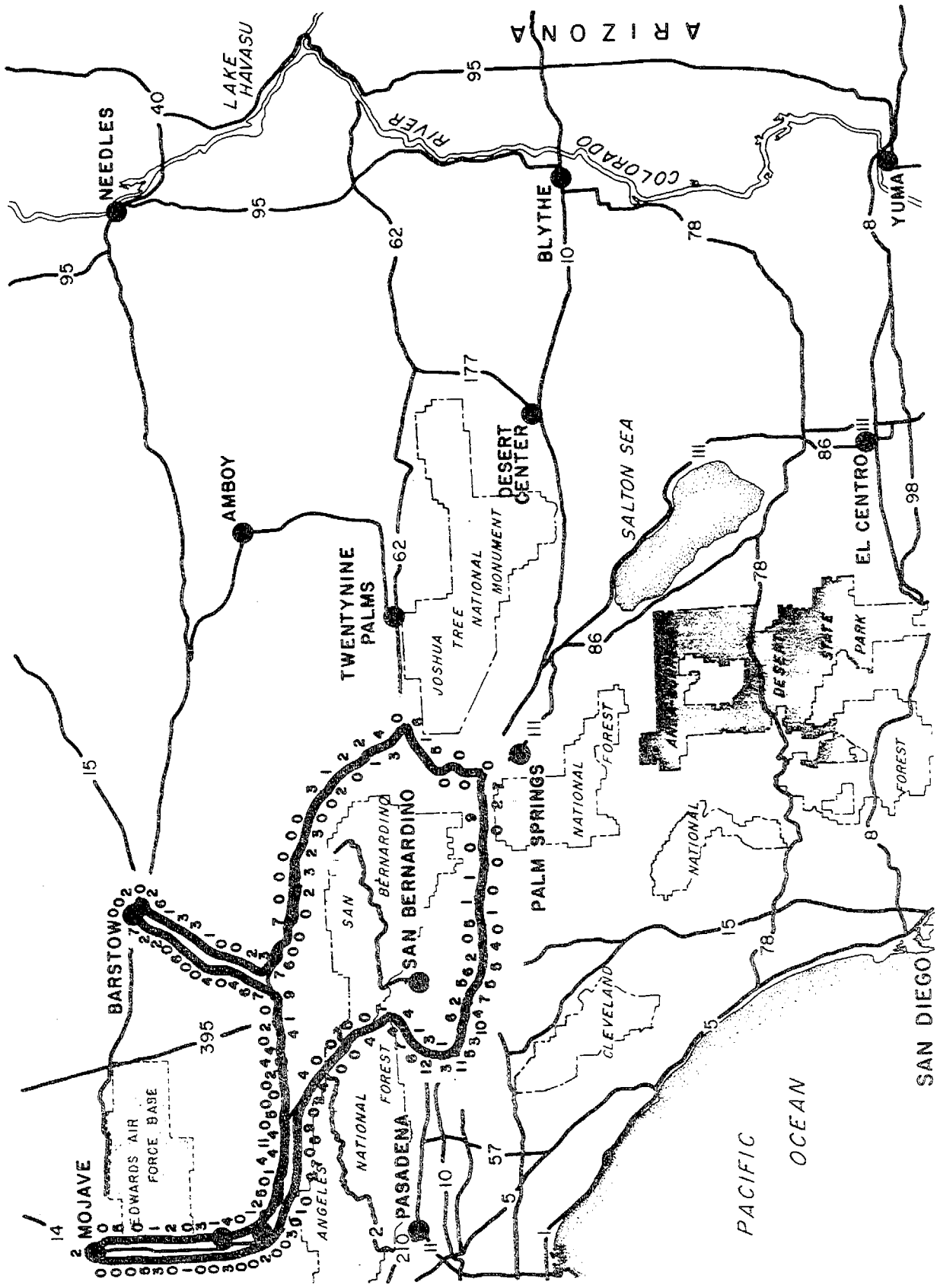
RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 1737 PDT, 7/14/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1915 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT
76	8
77	6
78	4
79	2
80	6
81	5
82	4
83	4
84	2
85	3
86	0
87	5
88	10
89	7
90	8
91	5
92	0
93	0
94	18

LOS ANGELES DESERT STUDY TEST 2
AIR TRAV. 2-1



THE NUMBERS INDICATE SF_6 CONCENTRATION (PPT)
TIME: 0730 - 1031 PDT, 7/15/81

2-1 AIR TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0730 PDT, 7/15/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1031 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
1	3	26	7	51	2
2	1	27	0	52	0
3	12	28	1	53	3
4	3	29	0	54	1
5	6	30	3	55	4
6	1	31	0	56	0
7	7	32	0	57	1
8	4	33	2	58	2
9	4	34	0	59	0
10	7	35	0	60	5
11	0	36	3	61	0
12	0	37	0	62	1
13	0	38	0	63	0
14	0	39	1	64	4
15	0	40	0	65	0
16	0	41	3	66	4
17	4	42	5	67	11
18	4	43	0	68	4
19	2	44	0	69	0
20	0	45	0	70	5
21	9	46	2	71	0
22	5	47	0	72	0
23	0	48	5	73	0
24	7	49	0	74	2
25	2	50	1	75	4

2-1 AIR TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0730 PDT, 7/15/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1031 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
76	4	101	1	126	2
77	0	102	*	127	0
78	4	103	3	128	3
79	2	104	*	129	0
80	1	105	3	130	0
81	0	106	*	131	3
82	9	107	1	132	0
83	7	108	*	133	1
84	6	109	0	134	2
85	4	110	*	135	2
86	0	111	0	136	0
87	4	112	*	137	2
88	0	113	2	138	1
89	0	114	3	139	4
90	6	115	7	140	3
91	0	116	6	141	0
92	2	117	0	142	0
93	2	118	0	143	0
94	7	119	7	144	1
95	0	120	0	145	0
96	0	121	0	146	6
97	2	122	2	147	6
98	0	123	0	148	1
99	2	124	3	149	5
100	6	125	0	150	0

2-1 AIR TRAV LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

TRAVERSE START: 0730 PDT, 7/15/81 AT CABLE AIRPORT (UPLAND)
TRAVERSE END: 1031 PDT AT SAME
TRAVERSE ROUTE: SEE MAP

* DENOTES MISSING DATA

SAMPLE #	[SF6] PPT	SAMPLE #	[SF6] PPT
151	0	176	2
152	0	177	4
153	0	178	6
154	0	179	10
155	7	180	3
156	2	181	5
157	9	182	11
158	0		
159	0		
160	0		
161	1		
162	0		
163	1		
164	1		
165	5		
166	0		
167	0		
168	0		
169	4		
170	2		
171	5		
172	6		
173	5		
174	5		
175	7		

Appendix B4

Grab Samples

for

Test 2

Conducted Starting July 14, 1981

BARSTOW GRAB SAMPLES LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

SAMPLING LOCATION: BARSTOW TRAVELODGE
DURATION OF SAMPLING: 2030 PDT, 7/14/81 TO 0800 PDT, 7/15/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
2030	3
2045	0
2121	1
2145	4
0500	3
0515	0
0600	6
0800	2

NEEDLES GRAB SAMPLES LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

SAMPLING LOCATION: NEEDLES
DURATION OF SAMPLING: 1854 PDT, 7/14/81 TO 0748 PDT, 7/15/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1854	0
1935	0
1952	0
2018	0
2030	0
2100	2
2130	0
2200	8
2230	0
2300	0
2345	2
0700	0
0748	0

TWENTYNINE PALMS GRAB SAMPLES LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

SAMPLING LOCATION: CIRCLE C MOTEL, 6340 EL REY AVE (TWENTYNINE PALMS)
DURATION OF SAMPLING: 1800 PDT, 7/14/81 TO 0720 PDT, 7/15/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT
1800	0
1900	0
2100	0
2130	0
2200	0
2400	0
0640	1
0720	0

WILSONIA GARDENS GRAB SAMPLES LAD-2

RELEASE: 78.5 LBS SF6/HR (9.9 GR/SEC) AT NEWHALL PASS
RELEASE TIME: 1100-1500 PDT, 7/14/81

SAMPLING LOCATION: WILSONIA GARDENS CAMPSITE
DURATION OF SAMPLING: 1217-2224 PDT, 7/14/81

* DENOTES MISSING DATA

TIME PDT	[SF6] PPT	TIME PDT	[SF6] PPT
1217	1	1915	2
1248	0	1930	0
1305	0	1946	0
1315	1	2000	0
1330	0	2016	2
1345	3	2031	0
1400	0	2054	0
1415	0	2101	0
1445	0	2115	4
1500	5	2130	0
1515	0	2145	0
1530	3	2224	0
1545	0		
1600	2		
1625	3		
1635	2		
1645	18		
1700	11		
1725	14		
1745	18		
1800	0		
1815	0		
1836	0		
1845	3		
1900	0		

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