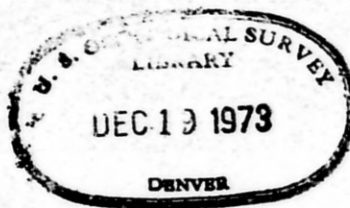


(200)
R29.

Principal facts for 1220 gravity stations in the
Los Angeles 1° by 2° quadrangle, California

by

William F. Hanna and Robert F. Sikora
U.S. Geological Survey, Menlo Park, Calif.



This report has not been edited
or reviewed for conformity to
Geological Survey standards

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Notes on gravity data

- (1) Principal facts include station number, latitude, longitude, elevation, observed gravity, free-air anomaly, terrain correction, and Bouguer anomaly. Abbreviations are: DEG, degrees; MIN, minutes; and MGAL, milligals.
- (2) Surveys were conducted during the period 1965-1970 using LaCoste and Romberg geodetic gravity meters G-8, G-17, G-58, G-111, G-129, and G-143.
- (3) All stations are referenced to base stations of the California Base Network (Chapman, 1966), and all base stations are referenced to California base station no. CH 173 at the U.S. Geological Survey, 345 Middlefield Road, Menlo Park, having an assumed observed gravity of 979,958.74 milligals.
- (4) Bouguer anomalies were obtained using a reduction density of 2.67 g/cm³ and they include terrain corrections to a distance of 166.7 km from each station.
- (5) Formulas used in gravity reductions are as follows, where anomalies are in milligals:
BOUGUER ANOMALY = FREE AIR ANOMALY
 - 0.03410658H + TERRAIN CORRECTION - C
where
FREE AIR ANOMALY = OBSERVED GRAVITY - T
 + H(0.09411549 - 0.000137789 sin²L)
 - 0.0000000067 H²
T = 978049(1 + 0.0052884 sin²L - 0.0000059 sin²2L)
C = H[H(0.000000000000000127H - 0.00000003282) + 0.0004462]
H = elevation of station above sea level, in feet
and
L = latitude of station.

- (6) The assistance of William L. Rambo, Kenneth D. Holden, Edgar D. Gillette, Jr., Juan G. Richardson, Larry J. LaPointe, James Locke, Robert L. Morin, Marianne Carson, Albert W. Savage III, Hilary Paster, Peter Trigillus, and Mike Klupfell, Jr. in field work and data reduction is gratefully acknowledged. Donald Plouff provided valuable support in computer programming.

Reference

- Chapman, R. H., 1966, The California Division of Mines and Geology Gravity Base Station Network: California Div. Mines and Geology Spec. Rept. 90, 49 p.

Principal facts for 1220 gravity stations in the
Los Angeles 1° by 2° quadrangle, California
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STATION NUMBER	LATITUDE (DEG) (MIN)	LONGITUDE (DEG) (MIN)	ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 3148	34 8.17	118 7.46	750.0	979579.69	-22.55	1.00	-47.45
LAH 1	34 53.89	118 55.27	2474.0	979521.73	17.50	16.42	-51.36
LAH 2	34 53.53	118 54.96	2624.5	979514.84	25.26	17.95	-47.25
LAH 3	34 52.08	118 53.00	3232.0	979481.41	51.01	5.78	-54.55
LAH 4	34 51.44	118 52.72	3343.0	979468.90	49.83	5.91	-59.40
LAH 5	34 50.72	118 52.14	3463.0	979456.12	49.35	4.43	-65.48
LAH 6	34 50.09	118 51.87	3571.0	979446.28	50.55	4.29	-68.13
LAHB 7	34 47.77	118 51.08	3810.5	979417.21	47.25	5.09	-78.85
LAH 8	34 47.55	118 50.00	3631.0	979423.75	37.24	5.40	-82.38
LAH 9	34 47.07	118 48.89	3513.0	979426.57	29.64	3.45	-87.89
LAH 10	34 46.68	118 47.39	3585.0	979418.65	29.04	3.14	-91.27
LAH 11	34 46.25	118 45.31	3322.0	979429.72	15.99	2.48	-95.95
LAH 12	34 45.45	118 47.69	3236.5	979435.63	14.98	2.28	-94.23
LAH 13	34 44.23	118 47.78	3057.0	979441.20	5.39	2.61	-97.32
LAH 14	34 42.85	118 47.92	2886.0	979448.27	-1.68	2.78	-98.35
LAH 15	34 40.68	118 46.95	2557.0	979471.72	-6.12	3.89	-90.37
LAH 16	34 39.33	118 45.63	2453.0	979481.50	-4.21	4.33	-84.44
LAH 17	34 49.07	118 53.62	3910.0	979424.32	61.90	5.10	-67.60
LAH 18	34 49.27	118 55.56	4352.0	979400.99	79.85	7.72	-62.18
LAH 19	34 49.38	118 57.46	4967.0	979366.52	103.03	8.31	-59.48
LAH 20	34 49.15	118 59.46	5111.0	979357.34	107.72	8.54	-59.48
LAHB 21	34 49.12	119 0.11	5150.0	979355.16	109.24	7.52	-60.31
LAH 22	34 49.93	119 1.84	5376.5	979346.63	120.86	6.98	-56.98
LAH 23	34 50.59	119 3.87	5631.0	979336.87	134.09	8.28	-51.16
LAH 24	34 47.04	119 2.56	5436.0	979327.70	111.60	5.41	-69.85
LAH 25	34 46.33	119 2.82	5235.0	979334.33	100.33	5.32	-74.34
LAH 26	34 45.45	119 3.01	5111.0	979340.15	95.74	4.79	-75.21
LAH 27	34 44.72	119 4.82	5106.0	979336.88	93.02	4.46	-78.09
LAH 28	34 43.50	119 6.31	5180.0	979328.46	93.27	4.34	-80.49
LAH 29	34 43.12	119 7.99	5413.5	979308.66	95.96	5.56	-84.57
LAH 30	34 43.68	119 9.74	5011.0	979335.97	84.65	5.20	-82.47
LAH 31	34 43.25	119 11.51	4720.5	979355.46	77.43	5.10	-79.85
LAH 32	34 43.54	119 12.87	5135.5	979331.25	91.82	5.46	-79.30
LAH 33	34 43.33	119 14.35	4430.0	979372.14	66.69	4.55	-81.18
LAH 34	34 43.03	119 15.20	4238.0	979380.45	57.37	4.04	-84.43
LAH 35	34 42.06	119 16.84	3932.0	979396.31	45.82	3.93	-85.60
LAH 36	34 41.87	119 13.73	3723.0	979406.22	36.35	3.73	-88.11
LAH 37	34 41.47	119 20.47	3599.5	979414.05	33.13	3.77	-87.05
LAH 38	34 42.78	119 22.77	3427.0	979428.55	29.57	3.25	-85.20
LAH 39	34 43.49	119 23.20	3388.0	979432.10	28.46	3.36	-84.87
LAH 40	34 44.89	119 24.44	3299.0	979441.32	27.34	3.99	-82.30
LAH 41	34 45.88	119 25.15	3220.0	979448.07	25.27	3.97	-81.68
LAH 42	34 46.54	119 25.48	3170.0	979453.01	24.57	3.93	-80.71
LAH 44	34 49.32	119 25.63	3210.0	979451.01	22.42	2.72	-85.43
LAH 45	34 49.73	119 23.75	3439.5	979442.62	35.04	2.93	-80.48

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 46	34	50.27	119	21.91	3640.5	979440.71	51.26	3.28	-70.81
LAH 47	34	50.05	119	19.88	3930.5	979427.10	65.23	3.76	-66.31
LAH 48	34	50.57	119	17.92	4206.5	979419.49	82.83	4.40	-57.53
LAH 49	34	51.04	119	16.18	4625.0	979402.63	104.65	5.64	-48.81
LAH 50	34	49.85	119	12.16	8286.0	979155.88	203.65	31.30	-49.10
LAH 51	34	51.80	119	13.72	5747.0	979336.95	143.37	9.32	-44.80
LAH 52	34	52.11	119	15.60	5369.5	979359.12	129.62	11.15	-43.81
LAH 53	34	52.30	119	18.02	5427.5	979348.20	123.88	13.61	-49.08
LAH 54	34	52.20	119	19.74	5149.0	979363.94	113.59	9.16	-54.30
LAH 55	34	52.81	119	21.31	4569.5	979400.72	95.03	5.79	-56.38
LAH 57	34	56.28	119	28.93	2689.0	979497.86	10.47	2.07	-80.14
LAH 58	34	56.17	119	30.68	2451.5	979505.20	-4.37	1.77	-87.11
LAH 59	34	56.05	119	32.02	2372.0	979504.57	-12.30	1.55	-92.52
LAH 60	34	56.06	119	35.01	2298.0	979503.36	-20.49	1.51	-98.21
LAH 61	34	56.49	119	39.03	2215.5	979510.31	-21.90	1.39	-96.90
2	34	57.87	119	43.30	2004.0	979535.44	-18.62	1.85	-85.88
LAH 63	34	56.92	119	41.36	2125.0	979520.41	-20.92	1.50	-92.70
LAH 64	34	56.18	119	37.14	2261.0	979504.48	-23.02	1.42	-99.55
LAH 65	34	48.45	119	27.15	3000.0	979461.47	14.36	2.68	-86.32
LAH 66	34	49.87	119	28.11	2895.0	979468.37	9.39	2.49	-87.87
LAH 67	34	51.67	119	29.25	2755.5	979476.86	2.22	2.25	-90.49
LAH 68	34	52.93	119	29.86	2688.0	979479.43	-3.33	1.91	-94.06
LAH 69	34	55.18	119	30.70	2478.0	979497.39	-8.29	1.80	-91.91
LAH 70	34	57.21	119	25.80	3149.0	979479.22	33.78	2.95	-71.75
LAH 71	34	56.30	119	24.20	3646.5	979452.18	54.79	4.02	-66.75
LAH 72	34	55.09	119	24.68	4240.0	979416.06	76.18	5.38	-64.35
LAH 73	34	54.42	119	23.09	4460.0	979407.44	89.19	6.20	-58.06
LAH 74	34	54.10	119	22.04	4653.0	979394.60	94.94	9.50	-55.63
LAH 75	34	51.51	119	11.93	5885.0	979327.53	147.33	10.23	-44.65
LAH 76	34	51.19	119	10.25	5441.0	979354.66	133.18	9.59	-44.26
LAH 77	34	51.28	119	8.59	4891.0	979386.15	112.84	12.34	-43.03
LAH 78	34	52.42	119	7.90	4184.0	979431.57	90.19	16.06	-37.74
LAH 147	34	59.88	118	28.60	6210.0	979273.24	111.79	13.94	-87.58
LAH 169	34	59.62	118	31.22	6050.0	979291.18	115.05	12.88	-79.92
LAH 170	34	59.18	118	30.45	5082.0	979349.51	83.02	6.89	-34.84
LAH 171	34	59.09	118	32.31	5110.0	979355.19	91.46	5.06	-79.19
LAH 172	34	59.26	118	33.59	5484.0	979333.89	105.07	8.51	-74.92
LAH 173	34	58.13	118	31.33	4798.0	979360.07	68.36	5.42	-91.25
LAH 341	34	59.57	118	51.50	874.0	979610.36	-52.37	2.54	-80.01
LAH 342	34	59.58	118	53.42	961.0	979603.20	-51.35	2.28	-82.24
LAH 343	34	59.50	118	54.47	1015.5	979599.23	-50.09	2.30	-82.85
LAH 344	34	59.06	118	55.01	1087.0	979595.21	-46.76	2.46	-81.82
LAH 345	34	56.49	118	55.79	1494.0	979571.48	-28.59	4.77	-75.37
LAH 346	34	50.33	118	50.77	3504.5	979448.78	46.46	3.55	-70.68
LAH 347	34	50.64	118	49.85	3511.0	979447.07	44.92	4.14	-71.85

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 348	34	51.05	118	48.92	3597.5	979441.46	46.87	3.76	-73.24
LAH 349	34	51.32	118	48.41	3636.0	979439.11	47.76	3.59	-73.85
LAH 350	34	52.02	118	47.72	3242.0	979463.11	33.73	5.35	-72.60
LAH 351	34	52.39	118	47.05	3336.0	979457.26	36.20	4.94	-73.76
LAH 352	34	52.70	118	46.48	3362.0	979454.44	35.38	5.82	-74.60
LAH 353	34	53.48	118	44.75	3485.0	979445.89	37.29	6.58	-76.15
LAH 354	34	55.44	118	40.65	5006.0	979354.39	86.02	5.91	-80.21
LAH 355	34	55.92	118	40.27	4658.0	979377.31	75.56	8.55	-76.12
LAH 356	34	56.22	118	38.79	6036.0	979286.96	114.31	14.22	-78.83
LAH 357	34	57.81	118	44.67	4232.0	979420.62	76.16	14.38	-55.10
LAH 358	34	57.56	118	42.13	5886.0	979305.40	116.76	22.98	-62.50
LAH 359	34	56.78	118	40.35	6445.0	979261.04	126.10	26.32	-68.91
LAH 360	34	55.28	118	43.75	5057.0	979358.86	95.52	12.02	-66.36
LAH 361	34	55.74	118	44.90	4935.0	979367.95	92.49	15.39	-61.83
LAH 362	34	55.28	118	41.90	5205.0	979345.36	95.93	8.33	-74.70
LAH 363	34	46.84	118	48.11	3459.0	979427.13	25.45	3.30	-90.38
LAH 364	34	48.22	118	48.88	4871.0	979347.69	76.81	8.41	-82.31
LAH 365	34	47.27	118	46.90	4240.0	979377.89	49.03	5.35	-91.53
LAH 366	34	49.10	118	47.86	3867.0	979413.72	47.22	3.99	-81.92
LAH 367	34	50.34	118	48.04	4210.0	979391.57	55.57	4.77	-84.55
LAH 368	34	51.01	118	45.95	5254.0	979323.82	85.02	11.72	-83.89
LAH 369	34	49.49	118	50.53	3546.0	979443.45	46.22	3.99	-71.90
LAH 370	34	46.53	118	46.70	3383.0	979429.22	20.82	2.74	-92.95
LAH 371	34	53.16	118	38.63	4215.0	979382.89	43.38	4.50	-97.18
LAH 372	34	54.10	118	40.26	5944.0	979274.43	96.13	19.99	-88.10
LAH 373	34	52.97	118	37.83	3946.0	979396.42	31.89	3.67	-100.28
LAH 374	34	52.66	118	36.06	3724.0	979403.62	18.65	2.69	-106.88
LAH 375	34	53.51	118	36.23	3976.0	979395.90	33.42	3.40	-100.05
LAH 376	34	54.04	118	36.67	4199.0	979386.14	43.89	4.30	-96.32
LAH 377	34	54.45	118	37.21	4412.0	979373.54	50.73	6.28	-94.80
LAH 378	34	55.30	118	36.46	4879.0	979347.89	67.78	6.25	-93.77
LAH 379	34	55.97	118	36.34	5452.0	979314.90	87.71	10.36	-89.33
LAH 380	34	54.36	118	35.48	4039.0	979395.91	38.17	4.48	-96.37
LAH 381	34	54.85	118	33.39	4127.0	979387.66	37.50	3.22	-101.32
LAH 382	34	57.09	118	31.37	4266.0	979392.83	52.58	4.01	-90.21
LAH 383	34	56.35	118	30.69	4012.0	979402.33	39.24	3.19	-95.67
LAH 384	34	56.19	118	29.15	3657.0	979418.31	22.07	2.71	-101.14
LAH 385	34	58.08	118	29.31	4297.0	979388.25	49.52	4.34	-94.00
LAH 386	34	55.83	118	27.60	3615.0	979417.55	17.87	2.37	-104.24
LAH 387	34	58.00	118	28.11	4614.0	979365.60	56.78	5.66	-96.28
LAH 388	34	58.06	118	27.12	4755.0	979355.88	60.23	5.55	-97.78
LAH 389	34	55.92	118	26.32	3551.0	979419.58	13.76	2.29	-106.23
LAH 390	34	57.18	118	27.21	4074.0	979395.65	37.21	3.44	-99.57
LAH 391	34	56.73	118	25.58	3808.0	979405.23	22.43	2.80	-105.87
LAH 399	34	59.63	118	56.83	1056.0	979590.90	-48.79	2.38	-82.86

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 400	34	58.21	118	56.34	1264.0	979584.50	-39.62	2.99	-80.25
LAH 401	34	54.94	118	55.44	2074.0	979540.25	-3.09	12.65	-61.96
LAH 402	34	53.12	118	54.05	2910.0	979499.79	37.64	11.08	-51.55
LAH 403	34	46.06	118	44.19	3345.0	979426.80	15.49	2.45	-97.28
LAH 404	34	45.40	118	43.64	3408.0	979421.98	16.83	2.47	-98.08
LAH 405	34	45.89	118	43.11	3339.0	979420.08	14.45	2.47	-98.09
LAH 406	34	46.00	118	42.54	3271.0	979430.24	12.06	2.15	-98.46
LAH 407	34	46.15	118	42.10	3210.0	979433.99	9.86	2.11	-98.60
LAH 408	34	46.30	118	41.56	3169.0	979436.40	8.21	2.00	-98.96
LAH 409	34	46.39	118	41.12	3144.0	979437.97	7.30	1.93	-99.08
LAH 410	34	46.51	118	40.53	3124.0	979438.34	5.63	1.88	-100.11
LAH 411	34	46.80	118	40.20	3084.0	979438.15	1.64	1.73	-103.01
LAH 412	34	46.99	118	39.57	3044.0	979435.70	-5.21	1.65	-108.43
LAH 413	34	46.99	118	39.08	3042.0	979432.26	-8.84	1.64	-112.00
LAH 414	34	46.99	118	38.51	3020.5	979431.75	-11.37	1.65	-113.78
LAH 415	34	46.99	118	38.04	3043.0	979429.45	-11.56	1.56	-114.84
LAH 416	34	46.99	118	37.48	3037.0	979429.73	-11.84	1.53	-114.95
LAH 417	34	46.99	118	36.40	2992.0	979432.74	-13.07	1.45	-114.71
LAH 418	34	46.53	118	36.28	3051.0	979431.31	-8.30	1.60	-111.82
LAH 419	34	46.55	118	35.12	3046.0	979431.16	-8.95	1.43	-112.46
LAH 420	34	46.55	118	34.65	3017.5	979432.62	-10.16	1.39	-112.73
LAH 421	34	47.19	118	49.56	3621.0	979421.98	35.04	3.17	-86.47
LAH 422	34	46.91	118	49.18	3545.5	979423.00	29.35	2.85	-89.90
LAH 423	34	46.33	118	48.30	3395.0	979428.39	21.41	2.56	-92.96
LAH 424	34	45.94	118	47.96	3298.0	979432.69	17.14	2.35	-94.11
LAH 425	34	45.68	118	47.79	3256.0	979434.77	15.63	2.34	-94.18
LAH 426	34	45.01	118	47.68	3140.5	979441.83	12.77	2.54	-92.88
LAH 433	34	46.13	118	46.79	3266.0	979433.79	14.96	2.41	-95.13
LAH 441	34	45.96	118	46.93	3248.5	979434.56	14.32	2.09	-95.49
LAH 444	34	45.60	118	47.02	3281.0	979431.91	15.24	2.17	-95.60
LAH 467	34	45.55	118	47.29	3213.0	979436.37	13.38	2.25	-95.04
LAH 471	34	46.50	118	46.15	3326.0	979431.79	18.08	2.50	-93.98
LAH 472	34	46.49	118	46.12	3329.0	979431.43	18.02	1.98	-94.67
LAH 491	34	46.74	118	45.56	3562.5	979416.55	24.74	2.35	-95.58
LAH 509	34	47.09	118	45.05	3401.0	979425.06	17.57	2.00	-97.57
LAH 511	34	47.14	118	44.96	3390.0	979425.25	16.66	1.96	-98.14
LAH 515	34	47.23	118	44.76	3362.0	979426.25	14.90	1.99	-98.91
LAH 521	34	47.32	118	44.46	3323.0	979427.66	12.51	2.01	-99.94
LAH 526	34	47.40	118	44.13	3275.0	979430.36	10.58	1.98	-100.24
LAH 531	34	47.60	118	43.80	3256.0	979432.36	10.52	1.87	-99.76
LAH 535	34	47.83	118	43.60	3236.0	979433.67	9.62	1.91	-99.94
LAH 539	34	48.21	118	43.39	3269.5	979429.13	7.70	1.79	-103.13
LAH 540	34	48.54	118	43.45	3164.0	979435.18	3.37	1.95	-103.67
LAH 541	34	49.09	118	42.37	3081.0	979435.53	-4.86	1.83	-109.17
LAH 542	34	50.20	118	42.36	3210.0	979437.97	8.14	2.30	-100.14

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 543	34	50.47	118	42.20	3455.0	979424.73	17.56	2.94	-98.49
LAH 544	34	50.87	118	42.95	3813.0	979407.81	33.74	3.48	-94.05
LAH 545	34	51.70	118	43.93	4468.0	979372.75	59.09	6.16	-88.47
LAH 546	34	52.23	118	44.62	4747.0	979360.66	72.47	7.16	-83.65
LAH 547	34	52.44	118	42.35	3690.0	979419.62	31.76	4.91	-90.38
LAH 548	34	48.85	118	41.73	3051.0	979433.74	-9.13	1.73	-112.52
LAH 549	34	48.50	118	41.44	3033.0	979433.58	-10.64	1.67	-113.47
LAH 550	34	48.36	118	41.20	3037.5	979432.54	-10.92	1.60	-113.98
LAH 551	34	48.31	118	40.65	3004.0	979433.20	-13.33	1.55	-115.28
LAH 552	34	48.32	118	39.61	2985.5	979432.52	-15.77	1.48	-117.15
LAH 553	34	47.48	118	39.60	3023.5	979431.92	-11.61	1.53	-114.25
LAH 554	34	47.35	118	40.66	3088.0	979434.74	-2.54	1.62	-107.31
LAH 555	34	47.78	118	38.53	2970.0	979432.43	-16.55	1.46	-117.42
LAH 556	34	49.09	118	38.54	2967.0	979434.10	-17.01	1.48	-117.76
LAH 557	34	49.97	118	39.60	3114.0	979428.06	-10.47	1.63	-116.12
LAH 558	34	50.94	118	39.59	3227.0	979426.10	-3.18	1.98	-112.36
LAH 559	34	50.84	118	38.55	3221.0	979423.89	-5.80	1.87	-114.89
LAH 560	34	51.72	118	38.56	3436.0	979416.39	5.67	2.40	-110.26
LAH 561	34	51.24	118	40.25	3298.0	979425.97	2.95	2.24	-108.41
LAH 562	34	50.39	118	40.68	3193.0	979428.20	-3.49	1.83	-111.65
LAH 563	34	49.53	118	40.68	3070.0	979431.58	-10.46	1.67	-114.56
LAH 564	34	50.17	118	42.86	3236.5	979438.40	11.11	2.42	-97.95
LAH 565	34	50.05	118	43.48	3366.0	979433.13	18.19	2.60	-95.14
LAH 566	34	50.80	118	44.68	4427.0	979374.59	58.34	6.03	-87.96
LAH 567	34	52.63	118	25.88	2861.0	979448.40	-17.67	1.21	-115.05
LAH 568	34	52.63	118	24.81	2798.0	979451.44	-20.55	1.11	-115.86
LAH 569	34	53.08	118	24.11	2816.0	979451.22	-19.71	1.13	-115.62
LAH 570	34	53.52	118	22.69	2815.0	979450.78	-20.86	1.08	-116.79
LAH 571	34	54.62	118	23.25	3043.0	979439.95	-11.81	1.39	-115.26
LAH 572	34	55.30	118	22.75	3119.0	979436.20	-9.37	1.53	-115.29
LAH 573	34	56.17	118	22.76	3367.0	979425.62	2.14	1.88	-111.95
LAH 574	34	58.59	118	23.91	4510.0	979367.24	47.81	4.70	-102.65
LAH 575	34	57.89	118	23.87	4033.0	979399.22	35.93	3.29	-99.59
LAH 576	34	57.03	118	23.85	3644.0	979414.93	16.28	2.71	-106.48
LAH 577	34	56.14	118	23.83	3404.0	979424.31	4.36	2.09	-110.79
LAH 578	34	55.81	118	24.86	3454.0	979421.98	7.19	2.09	-109.68
LAH 579	34	54.98	118	23.79	3158.0	979434.65	-6.81	1.58	-114.02
LAH 580	34	54.38	118	24.77	3095.0	979440.31	-6.22	1.54	-111.31
LAH 581	34	53.52	118	25.31	2941.0	979446.99	-12.81	1.32	-112.83
LAH 582	34	53.50	118	26.34	2996.0	979445.67	-8.93	1.42	-110.73
LAH 583	34	54.23	118	26.21	3125.0	979440.46	-3.04	1.60	-109.10
LAH 584	34	54.00	118	27.27	3120.0	979440.45	-3.20	1.67	-109.02
LAH 585	34	54.34	118	29.02	3426.0	979423.91	8.56	2.07	-107.36
LAH 586	34	53.49	118	29.56	3529.0	979413.39	8.92	1.70	-110.91
LAH 587	34	53.49	118	28.51	3378.0	979422.51	3.84	1.60	-110.91

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LAH 588	34	51.04	118	32.16	3110.0	979428.59	-11.83	1.40	-117.57
LAH 589	34	52.16	118	32.27	3329.0	979420.76	-0.64	1.67	-113.64
LAH 590	34	53.35	118	32.97	3652.0	979408.37	15.67	2.21	-107.86
LAH 591	34	54.30	118	30.37	3695.0	979407.25	17.25	1.98	-107.99
LAH 592	34	53.49	118	30.09	3566.0	979411.51	10.52	1.77	-110.50
LAH 593	34	52.77	118	30.61	3450.0	979416.59	5.71	1.66	-111.45
LAH 594	34	53.48	118	31.78	3584.0	979411.32	12.03	2.02	-109.36
LAH 595	34	55.21	118	31.78	3992.0	979395.65	32.29	2.73	-102.39
LAH 596	34	51.76	118	25.90	2761.0	979450.74	-23.50	1.08	-117.57
LAH 597	34	51.76	118	24.83	2735.0	979452.59	-24.09	0.98	-117.36
LAH 598	34	51.76	118	26.95	2828.0	979447.52	-20.43	1.26	-116.63
LAH 599	34	51.29	118	28.00	2869.0	979443.84	-19.58	1.32	-117.12
LAH 600	34	50.42	118	29.44	2885.0	979437.84	-22.86	1.14	-121.13
LAH 601	34	49.97	118	31.10	2882.0	979436.81	-23.54	1.18	-121.67
LAH 602	34	50.85	118	31.10	3021.0	979433.31	-15.20	1.29	-117.99
LAH 603	34	51.71	118	31.12	3152.0	979430.81	-6.61	1.59	-113.60
LAH 604	34	51.73	118	28.93	3125.0	979430.27	-9.70	1.47	-115.89
LAH 605	34	52.19	118	28.13	3126.0	979434.59	-5.94	1.72	-111.91
LAH 606	34	52.92	118	27.13	3124.0	979436.47	-5.27	1.64	-111.25
LAH 607	34	53.09	118	34.26	3656.0	979409.64	17.67	2.34	-105.87
LAH 608	34	52.00	118	33.69	3306.0	979422.05	-1.28	1.87	-113.29
LAH 609	34	51.69	118	35.35	3414.0	979414.22	1.47	1.95	-114.16
LAH 610	34	51.71	118	36.44	3440.0	979413.73	3.40	2.07	-113.00
LAH 611	34	50.84	118	36.43	3272.0	979420.10	-4.80	1.68	-115.82
LAH 612	34	50.83	118	35.36	3255.0	979420.36	-6.13	1.60	-116.65
LAH 613	34	50.84	118	34.29	3193.0	979423.38	-8.94	1.49	-117.44
LAH 614	34	50.83	118	33.22	3098.0	979428.57	-12.68	1.40	-118.01
LAH 615	34	49.98	118	32.16	2928.0	979434.38	-21.65	1.22	-121.32
LAH 616	34	49.97	118	33.23	2997.0	979430.78	-18.75	1.27	-120.74
LAH 617	34	49.97	118	34.29	3036.0	979429.93	-15.93	1.36	-119.17
LAH 618	34	49.97	118	35.36	3086.0	979427.84	-13.32	1.41	-118.22
LAH 619	34	49.97	118	36.43	3088.0	979428.41	-12.56	1.52	-117.42
LAH 620	34	49.96	118	38.55	3054.0	979430.42	-13.74	1.59	-117.36
LAH 621	34	49.10	118	37.48	2951.0	979434.96	-17.67	1.42	-117.93
LAH 622	34	49.09	118	36.41	2925.0	979436.65	-18.41	1.39	-117.80
LAH 623	34	49.06	118	34.28	2888.0	979436.85	-21.68	1.25	-119.94
LAH 624	34	49.10	118	33.15	2862.0	979436.16	-24.84	1.20	-122.26
LAH 625	34	48.23	118	34.29	2864.0	979436.68	-22.90	1.22	-120.37
LAH 626	34	48.23	118	36.41	2907.0	979436.08	-19.46	1.32	-118.30
LAH 627	34	48.23	118	37.48	2929.0	979436.05	-17.43	1.38	-116.98
LAH 628	34	47.79	118	35.34	2921.0	979434.48	-19.13	1.30	-118.48
LAH 629	34	45.32	118	47.39	3181.5	979438.35	12.72	2.08	-94.80
LAH 630	34	45.23	118	47.44	3175.0	979438.86	12.74	2.49	-94.15
LAH 652	34	48.77	119	8.67	8831.0	979113.25	213.76	32.52	-56.30
LAH 746	34	59.82	119	25.16	2217.0	979539.55	2.78	3.03	-70.63

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LAH 747	34	59.62	119	25.69	2403.0	979525.71	6.72	3.62	-72.50
LAH 748	34	59.28	119	25.81	2571.0	979515.61	12.90	3.03	-72.69
LAH 749	34	59.02	119	26.05	2678.0	979507.83	15.54	2.86	-73.89
LAH 750	34	58.70	119	26.04	2747.0	979502.17	16.82	2.66	-75.19
LAH 751	34	58.41	119	26.11	2862.5	979493.09	19.01	2.88	-76.75
LAH 752	34	58.20	119	26.16	2931.5	979488.46	21.16	3.02	-76.83
LAH 753	34	58.00	119	26.40	2785.0	979498.95	18.16	2.90	-74.91
LAH 754	34	57.84	119	26.69	2858.0	979495.90	22.20	2.42	-73.86
LAH 755	34	57.59	119	26.86	2966.0	979492.46	29.27	2.41	-70.51
LAH 757	34	17.51	119	17.80	54.0	979604.13	-76.63	1.60	-76.89
LAH 758	34	57.40	119	26.93	2932.0	979495.80	29.69	2.26	-69.08
LAH 759	34	57.07	119	27.03	3001.0	979491.09	31.93	2.47	-68.99
LAH 760	34	56.87	119	27.27	2899.0	979495.58	27.11	2.26	-70.52
LAH 761	34	56.64	119	27.55	2865.0	979494.79	23.44	2.18	-73.10
LAH 762	34	56.42	119	27.86	2830.5	979493.29	19.01	2.15	-76.38
LAH 763	34	56.30	119	28.27	2792.0	979493.27	15.54	2.13	-78.54
LAH 764	34	56.30	119	29.38	2622.0	979500.73	7.01	2.21	-81.15
LAH 765	34	56.27	119	29.76	2551.0	979503.92	3.57	1.95	-82.41
LAH 766	34	56.23	119	30.15	2507.0	979504.66	0.22	1.83	-84.37
LAH 767	34	40.62	119	22.24	3793.0	979406.64	45.11	5.61	-79.86
LAH 768	34	39.87	119	22.48	4609.0	979355.49	71.73	6.72	-80.11
LAH 769	34	38.95	119	23.07	5080.0	979327.15	88.96	6.03	-79.69
LAH 770	34	37.97	119	22.27	4509.0	979358.72	68.23	5.83	-81.07
LAH 771	34	36.43	119	21.65	4223.5	979381.59	66.43	4.98	-73.93
LAH 772	34	35.91	119	19.98	4057.0	979392.11	62.02	5.94	-71.69
LAH 773	34	35.71	119	18.03	3899.0	979400.62	55.96	7.20	-71.06
LAH 774	34	35.04	119	16.33	3733.0	979411.10	51.77	7.71	-69.05
LAH 776	34	34.19	119	15.56	3447.5	979430.72	45.74	6.34	-66.65
LAH 777	34	33.41	119	15.31	3404.0	979432.64	44.66	6.69	-65.89
LAH 778	34	32.05	119	14.32	3507.0	979428.05	51.67	5.38	-63.72
LAH 779	34	31.63	119	16.20	2528.0	979483.48	15.63	9.49	-62.02
LAH 780	34	30.91	119	16.94	2248.0	979502.75	9.58	7.46	-60.47
LAH 781	34	30.47	119	16.48	1738.0	979527.75	-12.77	14.04	-58.69
LAH 782	34	30.08	119	17.88	1314.5	979554.63	-25.17	13.34	-57.19
LAH 783	34	28.99	119	18.20	959.0	979574.44	-37.28	12.31	-58.07
LAH 784	34	27.66	119	16.75	843.0	979579.59	-41.17	5.22	-65.05
LAH 785	34	26.51	119	15.58	760.0	979580.81	-46.14	3.62	-68.76
LAH 786	34	25.94	119	16.50	663.5	979586.80	-48.43	3.40	-67.95
LAH 787	34	24.51	119	17.79	597.0	979584.13	-55.35	3.38	-72.59
LAH 788	34	23.57	119	18.03	510.0	979586.03	-60.32	2.36	-75.57
LAH 789	34	22.84	119	18.21	330.0	979594.91	-67.34	2.91	-75.83
LAH 790	34	22.28	119	18.35	284.5	979602.69	-63.06	3.03	-69.86
LAH 791	34	21.34	119	18.43	240.0	979605.04	-63.59	4.46	-67.42
LAH 792	34	20.77	119	17.68	209.5	979601.15	-69.55	2.63	-74.16
LAH 793	34	19.27	119	17.34	156.0	979600.02	-73.61	2.04	-76.96

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LAH 794	34	16.33	119	16.96	10.0	979604.27	-78.98	1.25	-78.08
LAH 795	34	17.18	119	19.57	22.0	979605.26	-78.05	2.60	-76.21
LAH 796	34	18.32	119	20.91	23.0	979604.84	-79.97	3.44	-77.32
LAH 797	34	18.93	119	21.73	14.0	979607.27	-79.25	3.23	-76.50
LAH 798	34	19.27	119	22.49	16.0	979608.08	-78.72	2.83	-76.44
LAH 799	34	19.18	119	23.40	24.0	979605.84	-79.07	1.92	-77.98
LAH 800	34	20.21	119	24.49	30.5	979603.79	-77.96	2.72	-76.29
LAH 801	34	21.13	119	25.48	29.0	979610.06	-78.11	4.95	-74.16
LAH 802	34	22.05	119	27.06	32.0	979613.57	-75.61	4.41	-72.30
LAH 803	34	22.54	119	28.56	47.0	979612.20	-76.25	2.86	-75.01
LAH 804	34	23.27	119	30.67	39.0	979617.10	-73.14	2.55	-71.94
LAH 805	34	23.75	119	31.30	14.0	979623.17	-70.09	2.82	-67.76
LAH 806	34	24.29	119	32.20	5.0	979629.85	-65.01	3.24	-61.95
LAH 807	34	24.84	119	33.40	13.0	979633.99	-60.89	3.78	-57.55
LAH 808	34	24.96	119	34.91	69.5	979630.30	-59.43	3.33	-58.50
LAH 809	34	25.28	119	36.70	46.0	979631.63	-60.76	3.33	-59.02
LAH 810	34	25.15	119	37.95	19.0	979629.91	-64.83	2.81	-62.68
LAH 811	34	25.33	119	39.28	17.0	979633.13	-62.06	3.03	-59.62
LAH 812	34	25.26	119	42.81	0.0	979644.35	-52.35	2.35	-50.00
LAH 813	34	25.74	119	44.36	151.5	979643.52	-39.59	2.26	-42.57
LAH 814	34	26.43	119	46.10	121.0	979639.19	-47.75	2.44	-49.49
LAH 815	34	26.38	119	49.12	46.0	979640.47	-53.46	2.08	-52.97
LAH 816	34	25.54	119	50.12	14.0	979640.75	-55.02	1.70	-53.80
LAH 817	34	24.31	119	50.59	40.0	979638.56	-53.03	1.53	-52.89
LAH 858	34	58.29	119	27.31	2710.0	979505.90	17.65	2.22	-73.52
LAH 859	34	59.40	119	28.86	2686.0	979510.15	18.08	2.12	-72.38
LAH 1014	34	59.08	119	11.16	1601.0	979556.24	-37.42	4.76	-87.89
LAH 1015	34	58.34	119	11.08	1846.0	979544.80	-24.77	5.77	-82.67
LAH 1016	34	59.90	119	10.94	1353.0	979571.89	-46.25	3.59	-89.35
LAH 1017	34	57.54	119	11.17	2052.0	979546.06	-3.01	5.71	-68.06
LAH 1018	34	56.82	119	10.85	2263.0	979546.40	18.19	6.64	-53.19
LAH 1019	34	56.08	119	10.35	2520.0	979537.81	34.81	8.38	-43.67
LAH 1020	34	55.38	119	10.54	2745.0	979527.54	46.69	10.99	-36.92
LAH 1021	34	54.90	119	9.80	3035.0	979503.99	51.09	15.16	-38.32
LAH 1022	34	54.26	119	9.31	3363.0	979485.79	64.62	12.40	-38.81
LAH 1024	34	56.78	119	12.21	2585.0	979533.35	35.48	6.08	-47.54
LAH 1025	34	56.89	119	13.92	2731.0	979518.32	34.02	5.64	-54.46
LAH 1026	34	56.48	119	15.49	2944.0	979510.91	47.21	5.81	-48.42
LAH 1027	34	56.44	119	17.13	2585.0	979538.51	41.11	5.22	-42.77
LAH 1028	34	57.16	119	17.36	2088.0	979557.94	12.79	4.76	-54.45
LAH 1029	34	58.28	119	16.48	1720.0	979563.84	-17.50	3.61	-73.23
LAH 1030	34	59.51	119	17.22	1424.0	979576.46	-34.05	2.72	-80.46
LAH 1031	34	59.34	119	15.10	1319.0	979571.64	-48.92	3.25	-91.18
LAH 1032	34	59.94	119	13.70	1258.0	979572.88	-54.25	2.96	-94.71
LAH 1033	34	59.80	119	12.10	1334.0	979571.84	-47.95	3.20	-90.78

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 1047	34	59.78	119	5.60	2005.0	979531.85	-24.80	5.79	-88.15
LAH 1048	34	59.29	119	4.91	2275.0	979516.62	-13.95	5.77	-86.62
LAH 1049	34	57.65	119	6.33	3835.0	979421.36	39.80	16.58	-75.65
LAH 1050	34	58.65	119	6.95	2903.0	979474.34	3.74	10.81	-85.48
LAH 1051	34	59.44	119	7.03	1995.0	979528.88	-28.23	6.38	-90.65
LAH 1057	34	59.52	118	57.90	1140.0	979592.97	-44.67	2.55	-81.47
LAH 1058	34	59.62	118	58.96	1178.0	979590.41	-43.79	2.83	-81.62
LAH 1064	34	56.18	119	3.83	3393.0	979453.45	29.58	7.70	-79.58
LAH 1065	34	57.32	119	3.82	3945.0	979425.68	54.93	9.11	-71.76
LAH 1066	34	57.94	119	2.11	3015.0	979473.26	14.18	7.53	-82.17
LAH 1067	34	59.06	119	2.38	2152.0	979524.82	-16.98	5.49	-85.70
LAH 1068	34	59.07	119	0.34	1434.0	979573.75	-35.60	3.67	-81.41
LAH 1069	34	59.70	118	59.95	1311.0	979581.06	-40.74	3.19	-82.79
LAH 1070	34	57.78	118	58.24	1467.0	979575.23	-29.20	3.61	-76.21
LAH 1071	34	56.76	118	59.46	1795.0	979554.69	-17.45	7.33	-72.04
LAH 1072	34	56.11	118	59.95	2017.0	979542.71	-7.64	9.41	-67.79
LAH 1073	34	55.89	119	0.82	2242.0	979532.06	3.19	10.08	-64.04
LAH 1074	34	55.22	119	0.65	2519.0	979520.15	18.27	9.84	-58.72
LAH 1075	34	55.04	119	1.31	2702.0	979510.99	26.57	10.29	-56.27
LAH 1076	34	54.52	119	1.73	3038.0	979494.77	42.68	8.39	-53.60
LAH 1077	34	53.82	119	2.05	3366.0	979477.48	57.21	10.89	-47.83
LAH 1078	34	52.97	119	1.55	3854.0	979447.39	74.21	12.91	-45.56
LAH 1079	34	52.30	119	2.01	4284.0	979424.43	92.62	11.35	-43.45
LAH 1080	34	46.48	118	33.71	2960.0	979436.24	-11.85	1.37	-112.47
LAH 1081	34	45.66	118	33.17	3014.5	979438.47	-3.35	1.68	-105.53
LAH 1082	34	45.66	118	31.85	2943.0	979441.51	-7.03	1.53	-106.91
LAH 1083	34	45.66	118	30.76	2880.5	979445.29	-9.12	1.33	-107.05
LAH 1084	34	45.39	118	29.78	2930.5	979444.07	-5.27	1.23	-105.01
LAH 1085	34	44.78	118	29.01	2953.0	979447.59	1.23	1.26	-99.26
LAH 1086	34	44.77	118	27.94	2871.0	979448.94	-5.12	1.13	-102.92
LAH 1087	34	44.34	118	26.88	2831.5	979453.52	-3.64	1.11	-100.10
LAH 1088	34	44.34	118	25.81	2785.0	979457.46	-4.08	0.98	-99.08
LAH 1089	34	43.81	118	24.76	2742.5	979461.25	0.22	0.96	-94.71
LAH 1090	34	43.04	118	24.75	2907.0	979456.08	7.85	1.06	-91.26
LAH 1091	34	42.20	118	23.64	2758.0	979468.19	7.12	1.31	-86.62
LAH 1092	34	41.64	118	22.95	2834.0	979463.50	10.37	1.38	-85.91
LAH 1093	34	41.00	118	23.31	3069.0	979449.12	18.99	2.15	-84.59
LAH 1094	34	40.63	118	23.54	3233.5	979438.91	24.77	2.37	-84.25
LAH 1095	34	40.12	118	23.66	3246.5	979435.58	28.08	1.98	-83.48
LAH 1096	34	40.15	118	24.43	3304.0	979434.04	27.20	2.53	-84.08
LAH 1097	34	40.25	118	25.19	3287.5	979434.90	26.36	2.49	-84.39
LAH 1098	34	40.46	118	26.30	3240.0	979437.56	24.27	3.10	-84.24
LAH 1099	34	40.75	118	27.06	3249.0	979436.51	23.65	2.44	-85.83
LAH 1100	34	40.15	118	27.23	3192.0	979442.21	24.83	3.11	-82.01
LAH 1101	34	39.62	118	27.58	3083.5	979450.38	23.55	3.73	-78.95

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 1102	34	39.30	118	28.02	2975.0	979457.08	20.50	4.34	-77.66
LAH 1103	34	39.15	118	28.84	2907.0	979461.10	18.33	4.39	-77.45
LAH 1104	34	38.73	118	29.41	2831.0	979466.59	17.26	4.54	-75.76
LAH 1105	34	38.44	118	30.08	2695.0	979474.15	12.45	5.24	-75.19
LAH 1106	34	38.68	118	30.85	2555.5	979478.96	3.80	7.04	-77.24
LAH 1107	34	38.53	118	31.35	2524.5	979481.65	3.78	6.28	-76.96
LAH 1108	34	37.93	118	31.99	2424.0	979488.50	2.03	6.23	-75.30
LAH 1109	34	37.71	118	32.71	2265.0	979496.11	-5.01	7.24	-75.86
LAH 1110	34	37.32	118	33.40	2163.0	979502.90	-7.26	7.67	-74.17
LAH 1111	34	36.22	118	33.55	1986.0	979512.72	-12.55	7.41	-73.63
LAH 1112	34	35.27	118	33.62	1898.0	979518.93	-13.27	8.41	-70.33
LAH 1113	34	34.47	118	33.48	1639.0	979533.18	-22.26	8.89	-69.92
LAH 1114	34	33.61	118	34.36	1456.0	979543.44	-28.00	7.25	-70.99
LAH 1115	34	32.61	118	34.87	1332.0	979549.36	-32.36	3.33	-74.99
LAH 1116	34	32.01	118	35.52	1280.0	979547.12	-38.63	2.98	-79.83
LAH 1117	34	30.31	118	36.90	1230.0	979543.12	-44.95	1.72	-85.68
LAH 1118	34	30.98	118	37.93	1597.5	979521.60	-32.84	2.22	-85.73
LAH 1119	34	31.74	118	38.49	1854.0	979506.47	-24.92	2.53	-86.33
LAH 1120	34	32.60	118	39.04	2121.0	979491.98	-15.50	2.53	-86.11
LAH 1121	34	33.14	118	39.38	2384.5	979477.12	-6.34	2.84	-85.70
LAH 1122	34	33.80	118	39.49	2651.5	979461.72	2.44	3.72	-85.23
LAH 1123	34	34.54	118	40.09	2917.0	979445.61	10.26	5.37	-84.89
LAH 1124	34	35.14	118	40.61	2788.0	979456.42	8.09	3.95	-84.03
LAH 1125	34	36.00	118	40.97	3146.5	979432.51	16.68	6.57	-85.14
LAH 1126	34	36.76	118	41.04	3124.0	979437.60	18.60	4.45	-84.57
LAH 1127	34	37.04	118	41.98	3325.0	979425.23	24.73	4.55	-85.25
LAH 1128	34	37.79	118	42.34	3157.0	979437.02	19.67	3.78	-85.31
LAH 1129	34	38.30	118	43.17	3308.0	979426.61	22.74	4.19	-87.01
LAH 1130	34	38.98	118	43.69	3421.0	979419.23	25.03	3.95	-88.84
LAH 1131	34	39.79	118	43.47	3881.0	979385.69	33.60	7.82	-92.19
LAH 1132	34	40.53	118	43.75	3572.0	979407.62	25.44	4.84	-92.73
LAH 1133	34	41.42	118	43.43	3802.0	979393.50	31.69	4.28	-94.92
LAH 1134	34	42.53	118	43.20	3689.0	979404.82	30.83	3.34	-92.84
LAH 1135	34	42.91	118	42.58	3940.0	979391.07	40.15	4.82	-90.65
LAH 1136	34	43.77	118	42.57	4211.0	979372.60	45.94	7.10	-91.88
LAH 1137	34	44.47	118	42.51	4163.5	979377.10	44.99	4.10	-94.20
LAH 1138	34	45.04	118	42.75	3932.0	979389.61	34.93	3.96	-96.46
LAH 1139	34	45.58	118	43.28	3593.0	979409.54	22.23	3.48	-98.01
LAH 1176	34	59.58	118	52.55	922.5	979606.21	-51.97	2.36	-81.45
LAH 1177	34	58.70	118	51.23	942.0	979609.23	-45.87	2.99	-75.40
LAH 1178	34	57.85	118	50.99	1008.0	979607.13	-40.58	3.61	-71.77
LAH 1179	34	56.92	118	50.71	1130.0	979602.03	-32.88	4.60	-67.29
LAH 1180	34	47.17	118	52.39	4270.0	979389.92	64.02	4.03	-78.89
LAH 1181	34	46.63	118	52.77	4186.0	979395.34	62.31	4.36	-77.39
LAH 1182	34	45.99	118	52.61	3994.0	979406.77	56.59	4.02	-76.87

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LAH 1123	34	44.68	118	52.33	3642.0	979426.46	45.03	3.51	-76.87
LAH 1124	34	43.41	118	51.41	3336.5	979436.10	27.73	3.15	-84.04
LAH 1125	34	42.84	118	49.70	3053.5	979443.53	9.34	2.86	-93.00
LAH 1126	34	44.47	118	52.85	3728.0	979425.70	52.64	3.97	-71.74
LAH 1127	34	43.93	118	53.01	3713.0	979426.07	52.36	4.24	-71.24
LAH 1128	34	43.60	118	53.83	4079.0	979404.91	66.08	4.74	-69.58
LAH 1129	34	42.50	118	56.34	3966.0	979410.73	62.83	7.53	-66.16
LAH 1222	34	59.16	119	47.03	1858.0	979551.76	-17.84	2.24	-79.68
LAH 1603	34	56.76	119	40.96	2150.0	979517.22	-21.53	1.46	-94.21
LAH 1604	34	52.11	119	30.81	2637.0	979482.76	-3.65	2.11	-92.43
LAH 1605	34	51.26	119	31.35	2783.0	979473.35	1.88	2.49	-91.54
LAH 1606	34	47.14	119	34.25	3246.0	979457.53	35.39	5.77	-70.65
LAH 1607	34	44.26	119	37.08	5203.0	979329.44	95.35	8.12	-75.42
LAH 1608	34	43.55	119	37.33	5402.0	979316.15	101.76	10.73	-73.21
LAH 1609	34	42.18	119	37.01	6035.0	979273.75	120.79	16.61	-69.93
LAH 1610	34	38.31	119	25.25	4986.0	979331.80	85.67	5.99	-79.80
LAH 1611	34	38.01	119	26.37	5261.0	979311.66	91.81	9.51	-79.55
LAH 1612	34	38.19	119	27.43	4855.0	979336.70	78.42	10.56	-78.00
LAH 1613	34	38.65	119	28.25	4520.0	979359.29	68.88	8.78	-77.85
LAH 1614	34	38.98	119	29.18	4418.0	979365.14	64.68	8.63	-78.70
LAH 1615	34	40.30	119	31.16	3482.0	979431.30	40.98	5.20	-73.74
LAH 1616	34	41.38	119	32.08	3755.0	979422.09	55.92	8.22	-65.14
LAH 1617	34	39.88	119	32.92	4592.0	979362.82	77.45	8.83	-71.69
LAH 1618	34	38.74	119	32.62	3768.0	979413.20	51.96	6.35	-71.42
LAH 1619	34	38.45	119	33.97	4415.0	979370.67	70.67	13.62	-67.62
LAH 1620	34	38.97	119	34.37	4210.0	979387.29	67.29	8.62	-68.97
LAH 1621	34	40.01	119	34.39	4935.0	979342.32	99.01	11.91	-68.80
LAH 1622X	34	38.82	119	35.79	3040.0	979461.28	31.48	7.69	-65.56
LAH 1623	34	41.56	119	39.45	6300.0	979258.29	131.11	16.67	-68.60
LAH 1624	34	41.77	119	38.95	6762.0	979223.09	139.03	26.27	-66.85
LAH 1625	34	41.22	119	37.84	6293.0	979261.17	132.87	18.90	-64.03
LAH 1626	34	40.11	119	37.40	4785.0	979353.80	86.25	12.17	-66.16
LAH 1627	34	39.86	119	37.13	4528.0	979369.29	77.93	11.24	-66.61
LAH 1628	34	39.22	119	36.53	4058.0	979400.67	66.03	7.44	-66.20
LAH 1629	34	38.61	119	36.93	4453.0	979370.00	73.35	14.01	-65.86
LAH 1630	34	37.82	119	36.92	4207.0	979388.62	69.95	11.84	-62.99
LAH 1631	34	37.57	119	37.77	4593.0	979359.85	77.82	18.34	-61.85
LAH 1632	34	37.47	119	38.93	3996.0	979404.52	66.51	9.24	-61.80
LAH 1633	34	36.95	119	39.02	3888.0	979409.02	61.58	12.43	-59.84
LAH 1634	34	35.97	119	39.05	3882.0	979396.68	50.05	18.56	-65.03
LAH 1635	34	35.17	119	38.97	3158.0	979453.94	40.37	9.27	-59.15
LAH 1636	34	34.42	119	38.77	2828.0	979480.60	37.04	7.89	-52.52
LAH 1637	34	33.73	119	38.28	2666.0	979491.02	33.20	10.10	-48.58
LAH 1638	34	33.56	119	38.73	2315.0	979514.51	23.93	7.13	-48.75
LAH 1639	34	38.52	119	40.63	4639.0	979363.64	84.60	12.35	-62.63

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LAH 1640	34	38.26	119	40.79	4714.0	979355.00	93.38	16.77	-62.00
LAH 1641	34	37.38	119	40.55	4518.0	979366.13	76.61	19.46	-59.37
LAH 1642	34	37.07	119	40.71	3516.0	979431.72	49.14	11.91	-60.04
LAH 1643	34	36.46	119	40.80	3245.0	979444.75	37.55	11.03	-63.20
LAH 1644	34	35.59	119	40.47	2919.0	979469.28	32.64	8.61	-59.33
LAH 1645	34	35.10	119	40.18	2060.0	979529.68	12.95	4.96	-53.13
LAH 1646	34	34.58	119	39.30	2766.0	979484.44	34.83	8.25	-52.24
LAH 1647	34	34.51	119	23.16	5212.0	979316.45	91.29	7.01	-80.90
LAH 1648	34	37.36	119	27.46	5225.0	979316.14	93.81	10.35	-75.48
LAH 1649	34	36.11	119	27.71	5377.0	979308.93	102.65	11.11	-71.08
LAH 1650	34	35.06	119	27.09	5504.0	979303.01	110.14	12.80	-66.25
LAH 1651	34	34.58	119	27.23	5726.0	979263.49	118.74	16.44	-63.99
LAH 1652	34	34.75	119	28.58	5774.0	979281.63	114.58	20.40	-63.43
LAH 1653	34	34.06	119	27.64	5784.0	979284.29	119.14	17.09	-62.53
LAH 1654	34	33.91	119	28.27	5726.0	979287.19	116.80	18.72	-61.25
LAH 1655	34	32.37	119	27.95	6003.0	979265.12	122.94	24.43	-58.87
LAH 1656	34	30.94	119	26.93	5495.0	979285.40	97.47	31.67	-59.74
LAH 1657	34	32.06	119	29.79	5091.0	979325.60	98.12	23.23	-53.70
LAH 1658	34	31.91	119	31.32	4035.0	979400.99	74.45	11.29	-53.14
LAH 1659	34	31.99	119	32.22	3882.0	979407.56	66.52	13.81	-53.30
LAH 1660	34	31.37	119	32.47	3681.0	979417.29	58.22	12.80	-55.73
LAH 1661	34	30.83	119	32.51	3102.0	979459.64	46.89	8.26	-51.72
LAH 1664	34	36.32	119	28.49	5362.0	979303.70	95.72	14.01	-74.60
LAH 1665	34	36.47	119	29.52	5268.0	979309.19	92.16	16.67	-72.28
LAH 1666	34	36.15	119	30.69	4492.0	979368.97	79.43	8.78	-66.34
LAH 1667	34	36.33	119	31.70	4550.0	979363.50	79.17	13.01	-64.36
LAH 1668	34	36.07	119	32.24	4727.0	979348.08	80.76	19.18	-62.66
LAH 1669	34	36.01	119	33.05	5065.0	979322.54	87.07	25.94	-61.16
LAH 1670	34	36.08	119	33.94	4884.0	979336.29	83.71	24.44	-59.82
LAH 1671	34	35.51	119	34.13	4152.0	979389.59	68.99	15.07	-58.84
LAH 1672	34	34.83	119	34.09	3231.0	979453.46	47.22	7.14	-56.94
LAH 1673	34	33.88	119	34.06	3167.0	979455.32	44.40	10.25	-54.45
LAH 1674	34	33.91	119	35.06	3174.0	979457.02	46.71	9.34	-53.29
LAH 1675	34	33.21	119	35.12	3061.0	979464.01	44.06	10.57	-50.83
LAH 1676	34	26.33	119	38.58	312.0	979618.74	-50.10	4.00	-56.88
LAH 1677	34	25.99	119	38.69	248.0	979616.55	-57.84	3.53	-62.88
LAH 1678	34	25.73	119	38.60	181.0	979617.07	-63.25	3.20	-66.30
LAH 1679	34	25.92	119	39.33	323.0	979610.12	-57.11	3.35	-64.91
LAH 1680	34	25.99	119	40.02	301.0	979613.57	-55.84	3.50	-62.74
LAH 1681	34	25.50	119	40.17	55.0	979633.70	-58.15	3.10	-56.95
LAH 1682	34	25.21	119	41.87	42.0	979643.13	-49.54	2.38	-48.61
LAH 1683	34	26.35	119	42.39	477.0	979615.01	-38.33	3.48	-51.32
LAH 1684	34	27.19	119	38.27	1103.0	979576.19	-19.46	8.90	-48.63
LAH 1685	34	27.36	119	39.15	752.0	979598.39	-30.50	9.23	-47.23
LAH 1686	34	27.02	119	39.13	572.0	979608.85	-36.49	5.54	-50.70

STATION NUMBER	LATITUDE (DEG) (MIN)		LONGITUDE (DEG) (MIN)		ELEVATION (FEET)	OBSERVED GRAVITY (MGAL)	FREE AIR ANOMALY (MGAL)	TERRAIN CORRECTION (MGAL)	BOUGUER ANOMALY (MGAL)
LAH 1687	34	26.39	119	39.08	398.0	979613.71	-47.12	3.83	-57.04
LAH 1688	34	26.56	119	40.02	399.0	979615.46	-45.52	4.34	-54.96
LAH 1689	34	26.57	119	40.41	229.0	979625.35	-51.63	5.41	-54.13
LAH 1690	34	26.15	119	41.12	337.0	979616.94	-49.30	4.42	-56.52
LAH 1691	34	26.16	119	40.28	612.0	979592.11	-48.27	5.62	-63.79
LAH 1692	34	26.86	119	41.03	555.0	979608.73	-37.99	4.49	-52.66
LAH 1693	34	26.77	119	41.44	663.0	979600.78	-35.66	3.72	-54.83
LAH 1694	34	27.23	119	41.39	1070.0	979581.99	-16.81	5.09	-48.65
LAH 1695	34	27.56	119	42.00	1075.0	979593.72	-15.07	6.05	-46.13
LAH 1696	34	27.98	119	40.02	2112.0	979517.19	15.34	11.49	-46.00
LAH 1697	34	28.92	119	41.00	3065.0	979458.20	44.65	13.87	-47.07
LAH 1698	34	29.34	119	39.21	3818.0	979408.56	65.22	21.88	-44.35
LAH 1699	34	29.06	119	37.41	3553.0	979426.97	59.11	18.26	-44.98
LAH 1700	34	28.63	119	36.21	3662.0	979412.33	55.32	25.40	-45.37
LAH 1701	34	29.68	119	42.70	3985.0	979395.48	67.36	28.87	-40.94
LAH 1702	34	26.11	119	43.96	251.0	979637.03	-37.24	2.49	-43.42
LAH 1703	34	26.96	119	43.93	358.0	979623.93	-41.46	3.34	-50.48
LAH 1704	34	27.49	119	43.34	549.0	979614.84	-33.33	5.28	-47.01
LAH 1705	34	26.79	119	42.74	407.0	979619.35	-41.20	3.72	-51.54
LAH 1706	34	28.14	119	42.35	1242.0	979577.12	-6.78	7.07	-42.58
LAH 1707	34	26.34	119	37.58	258.0	979623.00	-50.93	4.44	-55.40
LAH 1708	34	26.25	119	36.34	269.0	979623.43	-49.34	4.67	-53.96
LAH 1709	34	25.99	119	35.61	472.0	979610.44	-42.87	4.70	-54.47
LAH 1710	34	25.43	119	35.25	116.0	979631.63	-54.38	4.01	-54.38
LAH 1801	34	45.34	119	37.23	5687.0	979298.71	108.59	15.58	-71.27
LAH 1802	34	44.42	119	36.22	5300.0	979318.29	93.09	13.91	-75.21
LAH 1804	34	42.50	119	39.10	5893.0	979284.88	117.18	15.15	-69.81
LAH 1805	34	40.91	119	38.96	5740.0	979293.04	114.13	17.00	-66.12
LAH 1806	34	40.06	119	40.44	4826.0	979353.76	90.13	11.33	-64.52
LAH 1807	34	39.05	119	40.78	4781.0	979354.10	87.67	12.93	-63.85
LAH 1808	34	38.90	119	41.50	4926.0	979343.97	91.38	15.43	-62.61
LAH 1809	34	38.51	119	42.37	4776.0	979354.83	88.68	13.94	-61.66
LAH 1810	34	35.79	119	43.83	4150.0	979390.96	69.79	15.02	-58.02
LAH 1811	34	36.53	119	43.98	3962.0	979402.33	62.44	9.05	-64.89
LAH 1812	34	36.87	119	43.32	4697.0	979346.27	75.00	21.77	-64.80
LAH 1813	34	35.95	119	44.75	4459.0	979367.14	74.79	21.34	-57.28
LAH 1814	34	35.06	119	42.94	3430.0	979441.06	53.22	10.56	-54.35
LAH 1815	34	34.86	119	43.38	2841.0	979485.88	42.93	5.45	-49.52
LAH 1816	34	34.11	119	44.10	2797.0	979488.76	42.73	6.02	-47.63
LAH 1817	34	33.92	119	43.14	2548.0	979504.09	34.91	4.48	-48.44
LAH 1818	34	33.58	119	41.98	1996.0	979537.99	17.38	5.55	-45.90
LAH 1819	34	33.22	119	40.97	1737.0	979553.20	8.73	5.41	-45.78
LAH 1820	34	34.68	119	42.18	3527.0	979429.46	51.26	16.30	-53.90
LAH 1821	34	34.56	119	41.42	3167.0	979457.34	45.46	11.37	-52.27
LAH 1822	34	32.57	119	39.96	1527.0	979566.06	2.75	5.47	-44.47

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LAH 1823	34	32.59	119	39.28	2081.0	979529.80	18.57	5.40	-47.79
LAH 1824	34	32.51	119	38.33	1525.0	979565.97	2.56	4.22	-45.84
LAH 1825	34	31.99	119	37.61	1500.0	979566.11	1.08	4.24	-46.44
LAH 1826	34	32.95	119	37.31	1550.0	979562.48	0.80	6.05	-46.63
LAH 1827	34	35.42	119	36.67	2078.0	979529.60	14.11	7.33	-50.22
LAH 1828	34	34.69	119	36.83	1720.0	979548.06	-0.07	6.63	-52.77
LAH 1829	34	33.25	119	37.25	1588.0	979560.57	2.04	6.05	-46.69
LAH 1830	34	31.18	119	37.25	1870.0	979542.03	12.93	3.87	-47.69
LAH 1831	34	30.42	119	36.57	1447.0	979565.33	-2.48	4.76	-47.65
LAH 1832	34	30.82	119	35.10	1578.0	979557.44	1.38	5.58	-47.49
LAH 1833	34	30.52	119	34.58	1607.0	979555.50	2.60	5.79	-47.05
LAH 1834	34	26.43	119	43.98	227.0	979636.78	-40.21	2.74	-45.31
LAH 1835	34	27.55	119	43.92	823.0	979599.94	-22.55	5.45	-45.51
LAH 1836	34	28.55	119	43.79	1531.0	979562.38	5.09	9.05	-38.69
LAH 1837	34	24.96	119	45.02	619.0	979605.06	-32.99	4.38	-49.98
LAH 1838	34	24.16	119	44.51	7.5	979641.82	-52.64	2.07	-50.83
LAH 1839	34	24.09	119	43.26	198.0	979629.47	-46.97	1.91	-51.90
LAH 1840	34	24.11	119	42.51	169.0	979631.22	-47.97	2.04	-51.76
LAH 1841	34	24.30	119	41.22	2.0	979640.58	-54.58	1.92	-52.72
LAH 1842	34	27.22	119	36.35	1542.0	979546.41	-7.99	12.04	-49.15
LAH 1843	34	27.32	119	35.92	1621.0	979543.87	-3.25	10.69	-48.49
LAH 1844	34	27.30	119	34.23	2040.0	979515.27	7.61	13.37	-49.37
LAH 1845	34	29.31	119	33.00	2103.0	979523.63	19.06	7.07	-46.39
LAH 1846	34	29.20	119	32.45	1798.0	979541.29	8.20	8.07	-45.75
LAH 1847	34	24.23	119	32.36	1805.0	979540.90	8.43	7.55	-46.29
LAH 1848	34	31.96	119	33.92	1810.0	979544.11	8.28	6.94	-47.22
LAH 1849	34	28.85	119	34.63	2725.0	979484.82	39.39	7.74	-46.79
LAH 1850	34	26.05	119	34.32	554.0	979607.47	-38.22	4.97	-52.38
LAH 1851	34	26.46	119	33.60	1112.0	979573.61	-20.17	6.09	-52.46
LAH 1852	34	26.54	119	32.21	1225.0	979563.94	-19.32	5.85	-55.75
LAH 1853	34	25.90	119	30.96	1746.0	979528.75	-4.62	12.44	-52.41
LAH 1854	34	25.91	119	30.32	1524.0	979545.27	-8.99	7.94	-53.63
LAH 1855	34	24.47	119	30.84	37.0	979628.05	-64.06	3.94	-61.40
LAH 1856	34	24.84	119	31.51	107.0	979628.13	-57.91	4.50	-57.11
LAH 1857	34	25.02	119	32.61	92.0	979631.39	-56.32	4.47	-55.03
LAH 1858	34	25.76	119	33.23	1126.0	979567.89	-23.59	9.02	-53.44
LAH 1859	34	25.63	119	31.94	964.0	979580.01	-26.52	8.55	-51.25
LAH 1860	34	25.26	119	34.71	129.0	979630.86	-53.69	3.74	-54.41
LAH 1861	34	25.29	119	33.54	110.0	979632.68	-53.71	5.16	-52.35
LAH 1862	34	24.99	119	33.96	42.0	979633.74	-58.62	3.98	-56.09
LAH 1863	34	25.23	119	35.90	56.0	979634.01	-57.37	3.55	-55.76
LAH 1864	34	25.20	119	40.11	16.0	979635.89	-59.21	2.69	-57.07
LAH 1865	34	24.94	119	43.57	298.0	979629.11	-39.10	2.06	-47.33
LAH 1866	34	26.50	119	47.32	93.0	979637.95	-51.73	2.35	-52.60
LAH 1867	34	26.48	119	48.24	83.0	979638.40	-52.19	2.25	-52.81

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LAH 1901	34	54.94	119	39.40	2368.0	979497.39	-18.31	1.59	-98.36
LAH 1902	34	53.91	119	39.41	2516.0	979487.33	-13.00	1.92	-97.81
LAH 1903	34	53.90	119	38.35	2508.0	979485.57	-15.50	1.80	-100.16
LAH 1904	34	53.90	119	37.30	2510.0	979485.06	-15.81	1.74	-100.59
LAH 1905	34	53.90	119	36.21	2503.0	979485.28	-16.25	1.71	-100.82
LAH 1906	34	53.88	119	35.16	2462.0	979488.30	-17.06	1.74	-100.19
LAH 1907	34	53.88	119	34.08	2465.0	979488.63	-16.45	1.73	-99.69
LAH 1908	34	53.88	119	33.02	2490.0	979488.37	-14.35	1.74	-98.45
LAH 1909	34	53.88	119	32.49	2475.0	979490.26	-13.88	1.74	-97.46
LAH 1910	34	30.33	119	45.12	3084.0	979472.49	58.75	9.74	-37.76
LAH 1911	34	31.05	119	44.96	2673.0	979493.68	40.28	10.54	-41.30
LAH P1	34	49.30	119	41.98	4603.0	979375.88	78.29	6.20	-73.86
LAH P2	34	48.49	119	43.56	4914.0	979359.83	92.61	10.56	-65.83
LAH P3	34	47.92	119	44.51	4636.0	979378.58	86.04	9.79	-63.65
LAH P4	34	46.70	119	45.43	3705.0	979438.82	60.47	7.74	-59.36
LAH P5	34	45.16	119	44.44	2760.0	979486.77	21.72	12.34	-61.06
LAH P6	34	45.57	119	46.27	2500.0	979510.40	20.33	9.09	-56.76
LAH P7	34	46.52	119	47.28	2370.0	979526.51	22.88	8.78	-50.05
LAH P8	34	46.25	119	46.38	2903.0	979487.98	34.85	6.52	-58.66
LAH P9	34	45.38	119	47.13	2960.0	979484.96	38.41	6.00	-57.58
LAH P10	34	45.49	119	48.30	3190.0	979472.64	47.57	5.89	-56.43
LAH P11	34	45.08	119	49.32	3500.0	979453.87	58.52	6.84	-55.18
LAH P12	34	45.99	119	49.22	3908.0	979424.88	66.61	8.01	-59.91
LAH P13	34	46.38	119	50.59	4052.0	979415.58	70.30	11.48	-57.69
LAH P14	34	46.49	119	51.28	4019.0	979418.85	70.31	10.94	-57.09
LAH P15	34	46.21	119	52.41	3500.0	979456.77	59.83	5.82	-54.89
LAH P16	34	46.58	119	53.34	3020.0	979492.07	49.48	5.44	-49.13
LAH P17	34	45.99	119	55.43	2220.0	979511.11	24.12	7.84	-44.59
LAH P18	34	46.63	119	54.41	1900.0	979563.29	15.30	6.67	-43.56
LAH P19	34	46.24	119	56.22	1795.0	979568.70	11.39	7.81	-42.72
LAH P20	34	46.76	119	57.36	1660.0	979576.83	6.09	8.37	-42.81
LAH P21	34	47.53	119	56.65	2060.0	979552.15	17.94	8.27	-44.83
LAH P21X	34	47.23	119	56.82	1900.0	979562.00	13.16	8.60	-43.78
LAH P22	34	48.17	119	56.89	3032.0	979492.10	48.39	6.82	-49.25
LAH P23	34	48.85	119	57.96	2986.0	979487.11	38.12	13.27	-51.49
LAH P24	34	48.82	119	58.43	2790.0	979500.52	33.15	12.77	-50.23
LAH P25	34	49.49	119	59.64	1167.0	979608.41	-12.54	5.72	-47.10
LAH P26	34	49.73	119	57.81	1374.0	979597.23	-4.12	6.31	-45.39
LAH P27	34	49.89	119	56.94	1300.0	979602.58	-6.43	7.73	-43.56
LAH P28	34	50.67	119	56.49	1340.0	979600.71	-5.63	7.37	-44.51
LAH P29	34	50.18	119	55.21	1494.0	979592.74	1.57	6.72	-43.25
LAH P30	34	50.11	119	55.01	1491.0	979592.39	1.04	7.37	-43.04
LAH P31	34	50.23	119	54.15	1926.0	979566.24	15.63	6.03	-44.77
LAH P32	34	49.79	119	53.29	1595.0	979584.32	3.20	8.14	-43.69
LAH P33	34	49.55	119	51.88	2028.0	979550.63	16.57	6.49	-46.87

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LAH P34	34	49.18	119	50.89	1770.0	979567.85	4.04	10.17	-46.85
LAH P35	34	48.81	119	50.12	2052.0	979550.83	14.06	7.46	-49.25
LAH P36	34	48.65	119	49.05	1930.0	979554.11	6.10	10.33	-50.13
LAH P37	34	48.50	119	48.27	2000.0	979548.42	7.20	10.37	-51.40
LAH P38	34	49.42	119	47.46	3925.0	979431.19	69.69	8.89	-56.53
LAH P39	34	49.44	119	46.89	4306.0	979405.06	79.35	10.21	-58.62
LAH P40	34	50.20	119	46.90	4651.0	979385.42	91.08	10.23	-58.69
LAH P41	34	50.25	119	46.21	5010.0	979357.06	96.39	13.74	-62.15
LAH P42	34	47.06	119	47.49	2250.0	979531.70	16.02	9.21	-52.34
LAH P43	34	47.94	119	48.25	2140.0	979541.84	14.58	8.38	-50.84
LAH P44	34	48.13	119	51.50	3263.0	979474.71	52.78	9.65	-49.97
LAH P45	34	48.30	119	52.09	3718.0	979443.09	63.71	15.22	-49.08
LAH P46	34	47.94	119	52.67	3472.0	979460.59	58.58	11.29	-49.70
LAH P47	34	47.37	119	52.45	3838.0	979430.96	64.17	12.63	-55.33
LAH P48	34	47.73	119	53.53	3783.0	979433.70	61.22	16.68	-52.35
LAH P49	34	46.01	119	54.78	4237.0	979399.45	69.27	24.06	-52.49
LAH P50	34	48.15	119	55.35	4190.0	979403.16	68.36	24.64	-51.20
LAH P101	34	46.45	119	38.83	4963.0	979351.56	91.82	6.05	-72.81
LAH P102	34	45.59	119	38.94	4340.0	979386.78	69.69	7.74	-71.91
LAH P103	34	45.02	119	39.00	4190.0	979396.01	65.62	8.18	-70.40
LAH P104	34	44.86	119	39.86	3940.0	979408.66	54.99	13.60	-67.04
LAH P105	34	44.25	119	40.96	3430.0	979443.36	42.60	10.93	-64.60
LAH P106	34	43.18	119	38.93	4395.0	979383.31	74.78	9.45	-67.00
LAH P107	34	43.65	119	39.82	3920.0	979415.49	61.64	10.57	-62.73
LAH P108	34	44.80	119	42.01	3446.0	979444.28	44.25	8.39	-66.04
LAH P109	34	44.83	119	42.99	3015.0	979470.13	29.53	11.16	-63.19
LAH P110	34	44.23	119	43.40	4185.0	979401.51	71.76	8.54	-63.72
LAH P111	34	43.26	119	43.77	5060.0	979349.43	103.30	10.43	-60.27
LAH P112	34	42.39	119	44.24	5450.0	979321.71	113.47	11.85	-62.01
LAH P113	34	42.47	119	45.40	5799.0	979299.88	124.33	15.52	-59.42
LAH P114	34	42.33	119	46.33	5500.0	979322.74	119.28	12.46	-57.31
LAH P115	34	42.39	119	47.65	5860.0	979303.33	133.62	16.32	-51.42
LAH P116	34	41.48	119	44.51	4589.0	979375.48	87.57	10.90	-59.40
LAH P117	34	42.62	119	43.11	5798.0	979292.92	117.06	18.01	-64.16
LAH P118	34	42.32	119	42.51	5623.0	979299.35	107.47	20.95	-64.84
LAH P119	34	42.33	119	41.74	6030.0	979275.08	121.43	20.86	-64.87
LAH P120	34	40.41	119	40.77	4104.0	979402.75	70.75	7.56	-62.94
LAH P121	34	40.82	119	41.81	4070.0	979407.09	71.33	6.38	-62.37
LAH P122	34	40.97	119	43.07	3470.0	979445.82	53.43	7.21	-58.87
LAH P123	34	40.73	119	43.62	3431.0	979447.72	52.00	6.23	-59.94
LAH P124	34	40.82	119	43.89	3425.0	979449.53	53.12	6.63	-58.21
LAH P125	34	40.34	119	44.79	2930.0	979480.45	38.17	8.29	-54.50
LAH P126	34	39.73	119	45.71	2500.0	979503.27	21.41	8.70	-56.07
LAH P127	34	39.12	119	46.15	3464.0	979439.99	49.64	10.60	-59.06
LAH P128	34	38.40	119	45.45	3067.0	979466.98	40.31	10.89	-54.47

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LAH P129	34	37.58	119	45.82	3140.0	979456.52	37.86	11.63	-58.68
LAH P130	34	37.26	119	44.74	4073.0	979391.21	60.73	16.93	-62.53
LAH P131	34	36.54	119	44.02	4405.0	979368.83	70.01	15.53	-66.02
LAH P132	34	39.41	119	39.34	4735.0	979359.38	87.55	11.51	-63.81
LAH P133	34	39.48	119	39.00	4547.0	979366.75	81.48	11.64	-64.68
LAH P134	34	41.74	119	40.59	6440.0	979236.91	127.33	34.72	-60.82
LAH 1912	34	31.64	119	44.86	1908.0	979541.51	15.34	6.50	-43.97
LAH 1913	34	32.07	119	45.53	1451.0	979570.15	0.40	6.28	-43.39
LAH 1914	34	27.88	119	33.71	3120.0	979450.25	43.33	16.53	-47.63
LAH 1915	34	28.07	119	31.96	3820.0	979402.23	60.86	19.51	-51.14
LAH 1916	34	28.19	119	30.90	3853.0	979401.05	62.61	18.09	-51.95
LAH 1917	34	28.60	119	30.22	3608.0	979419.86	57.81	16.65	-49.78
LAH 1918	34	29.51	119	30.41	2230.0	979512.70	19.80	5.74	-51.35
LAH 1919	34	30.41	119	41.48	2616.0	979497.14	39.28	9.04	-41.85
LAH 1920	34	30.70	119	40.28	2479.0	979503.27	32.12	8.49	-44.85
LAH 1921	34	31.55	119	41.12	1406.0	979573.80	0.54	5.91	-42.07
LAH 1922	34	31.53	119	39.48	1392.0	979572.51	-2.03	6.87	-43.19
LAH 1923	34	31.76	119	42.40	1526.0	979566.53	4.27	4.24	-44.14
LAH 1924	34	32.36	119	43.14	1125.0	979588.94	-11.88	8.14	-42.57
LAH 1925	34	32.29	119	44.65	1055.0	979594.31	-12.99	7.25	-42.16
LAH 2001	34	23.92	118	54.71	469.0	979555.82	-94.89	3.06	-108.03
LAH 2003	34	34.05	118	53.98	3795.0	979404.51	52.39	4.77	-73.49
LAH 2004	34	34.41	118	53.36	2854.0	979454.28	13.56	9.61	-75.31
LAH 2005	34	34.37	118	52.79	2647.0	979462.62	2.12	12.98	-76.13
LAH 2006	34	34.06	118	52.12	2498.0	979466.79	-7.29	13.74	-79.66
LAH 2007	34	34.01	118	51.21	2241.0	979480.12	-18.06	14.37	-80.96
LAH 2008	34	34.01	118	50.74	2551.0	979464.34	-4.68	9.33	-83.28
LAH 2009	34	33.63	118	50.35	1885.0	979500.40	-30.72	12.98	-82.75
LAH 2010	34	33.13	118	49.69	1735.0	979507.49	-37.04	12.74	-84.15
LAH 2011	34	32.69	118	48.77	1593.0	979515.55	-42.00	12.28	-84.68
LAH 2012	34	33.05	118	47.87	1447.0	979524.70	-46.81	12.35	-84.38
LAH 2013	34	32.44	118	46.39	1214.0	979539.63	-52.93	11.23	-83.60
LAH 2014	34	34.32	118	54.97	3657.0	979410.62	45.15	5.31	-75.46
LAH 2015	34	34.56	118	55.43	2979.0	979450.93	21.38	8.38	-72.88
LAH 2016	34	34.61	118	56.09	2577.0	979472.54	5.12	11.25	-72.45
LAH 2017	34	34.46	118	57.09	2436.0	979482.32	1.84	9.86	-72.28
LAH 2018	34	33.44	118	56.95	2502.0	979476.44	3.61	9.33	-73.30
LAH 2019	34	31.16	118	57.11	1610.0	979511.85	-41.67	24.44	-72.78
LAH 2020	34	30.20	118	57.42	1550.0	979518.21	-39.61	16.16	-76.93
LAH 2021	34	30.45	118	46.09	1635.0	979505.80	-44.37	4.36	-96.41
LAH 2022	34	31.11	118	49.00	3762.0	979377.27	26.19	9.91	-93.42
LAH 2023	34	30.80	118	48.97	3690.0	979379.71	22.29	10.61	-94.16
LAH 2024	34	44.79	118	40.67	3676.0	979403.58	25.19	4.45	-96.94
LAH 2025	34	44.09	118	38.27	3983.0	979385.12	36.58	4.83	-95.70
LAH 2026	34	44.15	118	35.87	3424.0	979417.59	16.40	4.17	-97.36

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LAH 2027	34	43.51	118	35.23	3650.0	979407.26	28.22	3.93	-93.53
LAH 2028	34	43.79	118	33.61	4122.0	979379.58	44.53	4.61	-92.72
LAH 2029	34	43.64	118	32.78	4179.0	979376.32	46.84	5.78	-91.20
LAH 2030	34	42.55	118	32.27	3801.0	979400.53	37.04	4.32	-89.50
LAH 2031	34	43.91	116	30.48	3281.0	979433.68	19.39	2.26	-91.36
LAH 2032	34	44.74	118	30.05	3052.0	979439.04	2.05	1.52	-101.58
LAH 2033	34	43.76	118	41.71	5345.0	979298.14	78.10	14.30	-91.35
LAH 2034	34	43.35	118	40.33	5620.0	979283.75	90.13	13.47	-89.55
LAH 2035	34	42.71	118	39.18	5759.0	979275.39	95.74	14.83	-87.33
LAH 2037	34	42.22	119	36.80	5701.0	979280.78	96.37	14.47	-85.08
LAH 2038	34	41.59	118	36.10	4473.0	979362.50	63.54	6.13	-84.23
LAH 2039	34	41.59	119	33.62	5514.0	979290.68	89.57	15.10	-84.86
LAH 2040	34	40.96	118	34.52	5788.0	979270.39	95.93	22.51	-80.45
LAH 2041	34	41.09	118	32.56	5482.0	979293.33	89.93	15.69	-82.81
LAH 2042	34	40.76	118	29.74	4588.0	979352.22	65.24	8.00	-84.59
LAH 2043	34	40.34	118	29.16	4638.0	979348.71	67.02	10.15	-82.38
LAH 2044	34	40.22	118	27.86	3998.0	979391.23	49.54	5.10	-82.98
LAH2045A	34	40.38	118	27.42	3420.0	979429.22	32.96	3.22	-81.60
LAH2045B	34	41.82	118	30.15	3723.0	979405.47	35.67	4.55	-87.96
LAH 2046	34	44.74	118	43.82	4460.0	979357.59	52.98	5.45	-95.02
LAH 2047	34	40.66	118	42.56	3505.0	979414.06	25.39	4.99	-90.33
LAH 2048	34	35.74	118	42.07	3309.0	979424.27	24.09	5.13	-84.76
LAH 2049	34	36.53	118	43.36	2456.0	979481.75	0.25	3.59	-80.83
LAH 2050	34	35.88	118	43.07	2714.0	979464.58	8.26	3.11	-82.16
LAH 2051	34	35.24	118	42.89	2956.0	979447.94	15.27	3.88	-82.70
LAH 2052	34	35.63	118	44.16	4004.0	979379.12	44.44	13.95	-79.43
LAH 2053	34	34.05	118	44.52	4120.0	979361.25	39.70	21.07	-81.03
LAH 2055	34	34.49	118	38.28	1449.0	979538.11	-35.24	5.41	-79.83
LAH 2056	34	32.23	118	37.15	1275.0	979544.18	-42.35	3.50	-82.85
LAH 2057	34	36.77	118	35.30	2449.0	979484.63	2.14	2.09	-80.19
LAH 2058	34	35.73	118	34.73	4020.0	979382.90	49.58	6.20	-82.59
LAH 2059	34	36.21	118	36.26	3843.0	979395.06	44.42	4.82	-83.07
LAH 2060	34	33.60	118	41.42	3184.0	979425.67	16.74	3.22	-89.72
LAH 2061	34	57.72	119	39.51	2123.0	979522.71	-19.94	1.43	-91.72
LAH 2062	34	58.72	119	39.14	2113.0	979533.23	-11.77	1.97	-82.66
LAH 2063	34	59.11	119	40.68	2141.0	979533.10	-9.81	1.98	-81.66
LAH 2064	34	57.10	119	38.88	2183.0	979514.52	-21.61	1.41	-95.48
LAH 2065	34	57.28	119	37.93	2175.0	979516.21	-20.92	1.47	-94.45
LAH 2066	34	56.94	119	36.15	2242.0	979510.96	-19.40	1.54	-95.16
LAH 2067	34	56.73	119	34.25	2310.0	979508.94	-14.72	1.56	-92.80
LAH 2068	34	57.59	119	35.03	2307.0	979519.01	-6.15	2.65	-83.04
LAH 2069	34	56.68	119	32.61	2344.0	979509.74	-10.66	1.63	-89.85
LAH 2070	34	57.41	119	33.80	2442.0	979512.59	0.38	1.99	-81.81
LAH 2071	34	58.21	119	33.22	3130.0	979474.50	25.86	5.43	-76.54
LAH 2072	34	58.74	119	33.05	3465.0	979452.53	34.64	8.35	-76.34

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LAH 2073	34	59.33	119	32.43	3562.0	979450.28	40.68	6.87	-75.11
LAH 2074	34	59.81	119	33.00	3265.0	979473.61	35.41	3.25	-73.80
LAH 2076	34	59.49	119	31.87	3442.0	979456.05	39.63	5.03	-75.60
LAH 2077	34	59.06	119	31.33	3343.0	979466.81	36.99	3.78	-74.37
LAH 2078	34	59.13	119	30.47	3213.0	979475.72	33.58	3.23	-73.87
LAH 2079	34	58.12	119	31.67	2855.0	979495.80	21.42	2.69	-74.27
LAH 2081	34	58.68	119	28.70	3060.0	979486.38	30.49	3.15	-71.78
LAH 2082	34	59.64	119	31.07	3069.0	979486.21	29.81	2.46	-73.46
LAH 2083	34	56.72	119	31.46	2394.0	979511.44	-4.31	1.73	-85.11
LAH 2084	34	56.07	119	33.28	2359.0	979502.75	-15.38	1.47	-95.23
LAH 2085	34	59.43	119	38.89	2464.0	979520.98	7.99	2.13	-74.82
LAH 2086	34	59.01	119	37.62	3168.0	979471.50	25.30	8.48	-75.35
LAH 2087	34	59.42	119	36.74	3524.0	979453.98	40.67	6.25	-74.44
LAH 2088	34	59.43	119	39.97	2276.0	979529.52	-1.16	2.20	-77.43
LAH 2101	34	33.27	118	53.81	3595.0	979411.52	41.70	4.72	-77.38
LAH 2102	34	33.65	118	54.47	3532.0	979419.74	43.46	3.73	-74.44
LAH 2103	34	31.83	118	53.65	3075.0	979439.15	22.46	5.11	-78.37
LAH 2104	34	31.27	118	53.69	2811.0	979452.96	12.23	5.02	-79.62
LAH 2105	34	30.04	118	53.54	2634.0	979461.58	5.93	4.11	-80.75
LAH 2106	34	29.18	118	53.92	2229.0	979480.18	-12.35	5.27	-83.93
LAH 2107	34	28.81	118	54.96	2503.0	979463.22	-3.03	4.51	-84.80
LAH 2108	34	29.52	118	56.66	1198.0	979537.13	-52.85	15.72	-78.47
LAH 2109	34	28.52	118	55.19	2366.0	979468.94	-9.78	5.62	-85.73
LAH 2110	34	28.24	118	54.42	1956.0	979491.08	-25.80	6.19	-87.07
LAH 2111	34	26.90	118	55.29	649.0	979553.48	-84.46	10.39	-96.48
LAH 2112	34	32.35	118	45.63	1124.0	979547.58	-53.32	7.58	-84.53
LAH 2113	34	31.43	118	45.34	1076.0	979544.16	-59.97	7.51	-89.60
LAH 2114	34	29.93	118	55.68	2340.0	979475.33	-7.81	7.51	-80.97
LAH 2115	34	32.09	119	13.44	3454.0	979430.42	49.00	5.54	-64.42
LAH 2116	34	32.17	119	12.56	3375.0	979434.96	46.00	5.49	-64.75
LAH 2117	34	33.31	119	12.50	3156.0	979445.96	34.80	5.83	-68.09
LAH 2118	34	32.68	119	11.01	3331.0	979436.20	42.39	5.09	-67.25
LAH 2119	34	33.64	119	9.85	3065.0	979448.14	27.96	5.97	-71.67
LAH 2120	34	33.84	119	7.87	2926.0	979452.55	19.02	12.24	-69.56
LAH 2121	34	33.67	119	6.93	2945.0	979452.86	21.36	8.09	-72.02
LAH 2122	34	33.56	119	6.14	2817.0	979458.34	14.95	9.45	-72.68
LAH 2123	34	33.73	119	5.17	2746.0	979460.87	10.58	10.19	-73.87
LAH 2124	34	33.50	119	4.30	2844.0	979456.19	15.44	8.22	-74.34
LAH 2126	34	29.74	119	15.97	3580.0	979414.40	48.12	14.34	-60.82
LAH 2128	34	30.57	119	13.75	4159.0	979379.63	66.62	13.84	-62.68
LAH 2129	34	31.20	119	13.47	4674.0	979344.40	78.93	18.56	-63.30
LAH 2130	34	31.04	119	12.22	4841.0	979333.12	83.57	19.05	-63.88
LAH 2131	34	31.16	119	11.02	5232.0	979304.86	91.89	23.58	-64.41
LAH 2132	34	30.18	119	9.59	4875.0	979332.30	87.16	16.25	-64.26
LAH 2133	34	30.04	119	9.10	5118.0	979312.83	90.73	17.95	-67.30

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LAH 2134	34	30.84	119	4.73	6020.0	979255.93	117.49	18.11	-71.22
LAH 2135	34	30.16	119	6.17	6446.0	979217.26	119.81	31.90	-69.65
LAH 2136	34	34.29	119	2.81	2535.0	979470.47	-0.45	12.70	-75.13
LAH 2137	34	34.45	119	0.75	2393.0	979480.05	-4.45	13.56	-73.38
LAH 2138	34	35.71	119	0.00	2875.0	979457.43	16.48	12.38	-70.21
LAH 2139	34	34.71	118	59.28	2346.0	979484.94	-4.35	12.40	-72.83
LAH 2141	34	37.55	119	16.77	6825.0	979206.80	134.60	21.91	-77.78
LAH 2142	34	38.18	119	17.42	7109.0	979186.52	140.12	26.25	-77.61
LAH 2143	34	38.21	119	18.41	7255.0	979168.41	135.69	29.55	-83.72
LAH 2144	34	38.41	119	19.72	6673.0	979214.52	126.82	20.11	-82.18
LAH 2145	34	40.88	119	18.52	3882.0	979397.36	43.83	5.31	-84.50
LAH 2146	34	41.64	119	15.24	4033.0	979396.96	53.74	5.09	-78.95
LAH 2147	34	42.88	119	19.27	4008.0	979387.21	42.72	4.82	-90.42
LAH 2148	34	31.62	118	47.66	3412.0	979396.55	11.84	13.62	-92.05
LAH 2149	34	31.05	118	47.64	3015.0	979422.92	1.68	8.51	-93.69
LAH 2150	34	29.49	118	32.49	1317.0	979538.74	-40.01	2.00	-83.46
LAH 2151	34	32.08	118	31.51	1446.0	979550.66	-15.82	6.10	-60.99
LAH 2152	34	31.45	118	31.24	2298.0	979504.44	15.22	5.08	-58.93
LAH 2153	34	31.05	118	30.87	2293.0	979506.55	17.42	2.97	-58.67
LAH 2154	34	29.49	118	31.07	1967.0	979501.75	-15.85	3.37	-80.32
LAH 2155	34	32.25	118	29.29	3164.0	979456.32	47.41	7.43	-54.16
LAH 2156	34	31.29	118	29.67	2979.0	979465.22	40.26	3.25	-59.13
LAH 2157	34	32.74	118	29.95	2714.0	979481.25	29.34	7.60	-56.59
LAH 2158	34	33.25	118	29.80	1732.0	979541.98	-3.00	5.40	-57.34
LAH 2159	34	32.01	118	32.29	2231.0	979502.78	6.47	5.88	-64.57
LAH 2160	34	30.74	118	32.80	1970.0	979509.94	-9.14	2.57	-74.51
LAH 2161	34	32.66	118	32.00	2392.0	979494.80	12.69	5.28	-64.49
LAH 2162	34	33.04	118	31.81	2372.0	979496.82	12.32	4.98	-64.47
LAH 2163	34	33.77	118	33.10	2546.0	979480.84	11.68	5.14	-70.94
LAH 2164	34	32.61	118	33.63	2170.0	979500.53	-2.36	3.72	-73.46
LAH 2165	34	51.14	119	4.37	6615.0	979276.07	165.01	15.15	-46.97
LAH 2166	34	52.14	119	6.13	6670.0	979270.49	163.18	23.93	-41.90
LAH 2167	34	52.13	119	3.83	6932.0	979249.26	166.59	26.18	-45.18
LAH 2168	34	51.72	119	4.14	7076.0	979242.31	173.75	23.91	-45.20
LAHHL 1	34	28.31	119	38.28	3214.0	979441.08	42.39	24.30	-44.02
LAHHL 2	34	30.12	119	30.06	2507.0	979495.89	28.18	6.23	-52.01
LAHHL 3	34	33.95	119	30.96	4112.0	979394.07	71.91	11.83	-57.79
LAHHL 4	34	39.33	119	31.15	4418.0	979370.23	69.27	8.58	-74.17
LAHHL 5	34	42.45	119	31.65	5381.0	979309.87	95.05	13.57	-76.36
LAHHL 6	34	47.02	119	30.81	5226.0	979326.05	90.24	14.46	-74.98
LAHHL 7	34	47.89	119	31.32	4817.0	979352.94	77.45	13.74	-74.49
LAHHL 8	34	49.65	119	30.68	3675.0	979419.66	34.33	5.37	-86.84
LAHHL 9	34	50.88	119	34.51	3257.0	979441.48	15.11	3.20	-93.88
LAHHL 10	34	50.67	119	38.02	3713.0	979421.15	37.96	8.93	-80.95
LAHHL 11	34	44.18	119	34.42	4541.0	979367.79	71.58	10.01	-74.64

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LAHHL12	34	41.46	119	35.41	6536.0	979224.72	119.86	34.39	-70.19
LAHHL13	34	31.73	119	18.28	4298.0	979375.05	73.48	13.29	-61.13
LAHHL14	34	34.21	119	18.17	5192.0	979317.30	96.30	15.16	-67.06
LAHHL15	34	33.10	119	20.10	5110.5	979329.19	102.08	17.59	-56.06
LAHHL16	34	33.69	119	20.36	5165.0	979325.72	102.91	12.47	-62.21
LAHHL17	34	34.31	119	21.51	5010.0	979340.63	102.38	9.42	-60.48
LAHHL18	34	40.23	119	19.14	4329.0	979370.31	59.72	7.38	-81.96
LAHHL19	34	43.68	119	20.29	4316.0	979372.20	55.60	8.18	-84.74
LAHHL20	34	47.30	119	25.59	3668.0	979424.42	41.74	5.77	-78.78
LAHHL21	34	45.24	119	28.45	5675.0	979275.39	103.09	24.88	-73.89
LAHHL22	34	40.54	119	28.17	5381.0	979313.08	100.95	18.75	-65.28
LAHHL23	34	39.79	119	25.94	5069.0	979324.26	83.86	10.69	-79.75
LAHHL24	34	35.28	119	13.76	3954.0	979394.35	55.46	6.67	-73.98
LAHHL27	34	35.05	119	11.78	4357.0	979373.02	72.34	8.65	-68.93
LAHHL28	34	35.16	119	9.58	4033.0	979386.39	55.10	9.67	-74.05
LAHHL29	34	32.61	119	8.35	4886.0	979326.86	79.34	17.48	-71.22
LAHHL30	34	31.36	119	6.67	5513.0	979287.03	100.20	21.65	-67.64
LAHHL31	34	32.52	119	5.62	4365.0	979361.51	65.14	11.44	-73.62
LAHHL32	34	35.21	119	4.19	5125.0	979310.88	82.18	16.97	-77.07
LAHHL33	34	36.37	119	7.62	6935.0	979192.06	131.84	30.00	-76.20
LAHHL34	34	36.89	119	5.54	5315.0	979313.08	99.87	7.90	-74.95
LAHHL35	34	36.36	119	1.81	4799.0	979341.48	80.42	13.23	-71.37
LAHHL36	34	42.57	119	4.12	6273.0	979256.24	125.10	12.05	-78.31
LAHHL37	34	41.73	119	8.81	6602.0	979222.52	123.48	17.58	-85.63
LAHHL38	34	41.04	119	10.14	5720.0	979283.34	102.37	10.89	-83.31
LAHHL40	34	42.15	119	12.38	5158.0	979323.44	88.09	10.24	-79.02
LAHHL41	34	44.85	119	12.15	6204.0	979262.54	121.70	13.30	-78.11
LAHHL42	34	45.32	119	15.02	5117.0	979336.07	92.40	9.46	-74.09
LAHHL43	34	43.94	119	16.92	4732.0	979357.31	79.33	7.64	-75.80
LAHHL44	34	45.43	119	18.95	4865.0	979338.29	70.78	6.78	-89.76
LAHHL45	34	51.15	119	29.00	2753.0	979476.53	2.39	2.37	-90.12
LAHHL46	34	50.50	119	26.32	4020.0	979397.64	43.54	7.81	-87.02
LAHHL47	34	57.57	119	29.05	3480.0	979456.64	41.81	6.63	-71.41
LAHHL48	34	57.65	119	19.37	2608.0	979518.45	21.52	10.54	-57.83
LAHHL49	34	54.26	119	18.49	2916.0	979510.48	47.29	10.45	-42.74
LAHHL50	34	53.73	119	15.78	5864.0	979326.74	141.44	22.34	-37.71
LAHHL51	34	48.34	119	20.69	4769.0	979363.21	82.57	7.59	-73.87
LAHHL52	34	37.43	119	0.04	6665.0	979212.70	125.62	31.94	-71.27
LAHHL53	34	46.03	119	7.82	6440.0	979256.92	136.60	11.82	-72.74
LAHHL54	34	46.17	119	10.57	6532.0	979253.63	141.76	10.78	-71.76
LAHHL55	34	45.64	119	10.76	6674.0	979235.27	137.49	16.37	-75.29
LAHHL56	34	47.32	119	13.33	5700.0	979308.07	116.39	9.05	-70.45
LAHHL57	34	49.60	119	14.45	6468.0	979271.13	148.41	17.74	-55.96
LAHHL58	34	54.70	119	12.66	4666.0	979412.98	113.70	11.83	-34.98
LAHHL59	34	55.88	119	13.05	4295.0	979435.79	99.97	14.92	-32.91

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LAHHL60	34	55.66	119	7.00	4826.0	979393.56	107.97	19.97	-38.05
LAHHL61	34	56.67	119	2.02	4330.0	979390.60	56.96	16.02	-76.02
LAHHL62	34	54.80	118	59.06	3481.0	979457.38	46.55	8.96	-64.37
LAHHL63	34	53.09	118	54.42	4410.0	979411.18	90.10	15.24	-46.39
LAHHL64	34	51.43	118	57.98	6460.0	979271.78	145.74	21.10	-55.00
LAHHL65	34	38.98	118	53.28	6559.0	979232.79	133.58	26.73	-64.91
LAHHL66	34	39.26	118	51.65	6216.0	979251.52	119.67	28.80	-65.04
LAHHL67	34	37.93	118	49.02	5750.0	979278.50	104.72	27.68	-65.20
LAHHL68	34	36.54	118	52.02	6730.0	979199.90	120.19	41.88	-68.98
LAHHL69	34	36.67	118	54.91	4975.0	979328.60	83.75	14.17	-73.16
LAH 2201	34	48.10	119	1.23	5287.0	979344.15	112.54	5.61	-63.61
LAH 2202	34	47.46	118	59.85	5997.0	979299.27	135.31	9.38	-61.34
LAH 2203	34	53.34	118	47.15	2957.0	979486.99	28.95	8.30	-64.63
LAH 2204	34	53.95	118	47.54	2534.0	979513.92	15.24	11.97	-60.14
LAH 2205	34	54.41	118	48.20	2088.0	979544.16	2.90	11.76	-57.34
LAH 2206	34	54.65	118	49.18	1837.0	979558.50	-6.71	17.16	-52.91
LAH 2207	34	55.27	118	49.93	1565.0	979579.07	-12.60	12.33	-54.27
LAH 2208	34	55.68	118	50.33	1418.0	979589.77	-16.30	8.85	-56.38
LAH 2209	34	57.56	118	49.71	1091.9	979609.63	-29.77	4.53	-62.93
LAH 2210	34	57.92	118	48.88	1172.1	979605.01	-27.35	4.45	-63.35
LAH 2211	34	58.47	118	48.24	1176.7	979605.80	-26.90	4.40	-63.11
LAH 2212	34	58.39	118	47.01	1608.4	979582.27	-9.71	5.55	-59.65
LAH 2213	34	59.78	118	47.11	1203.2	979607.59	-24.46	4.03	-61.95
LAH 2214	34	56.21	118	52.23	1291.8	979587.45	-31.24	6.31	-69.51
LAH 2215	34	57.13	118	48.40	1958.5	979562.01	4.73	7.20	-55.61
LAH 2216	34	56.54	118	47.95	2648.5	979516.40	24.84	11.13	-55.32
LAH 2217	34	55.56	118	47.20	4181.7	979420.66	74.64	13.02	-56.26
LAH 2218	34	55.53	118	46.37	4477.6	979397.66	79.50	12.32	-62.24
LAH 2219	34	55.64	118	45.73	4399.7	979408.33	82.69	8.43	-60.26
LAH 2220	34	58.87	118	49.26	1150.0	979601.19	-34.59	4.72	-69.57
LAH 2221	34	58.68	118	52.90	1024.0	979600.62	-46.74	2.70	-79.39
LAH 2222	34	57.76	118	54.96	1259.0	979585.34	-38.62	3.16	-78.91
LAH 2223	34	56.92	118	53.68	1277.0	979583.94	-37.14	4.20	-77.01
LAH 2224	34	55.86	118	53.65	1809.0	979552.01	-17.54	8.80	-71.14
LAH 2225	34	57.07	118	46.40	2865.0	979502.51	30.56	8.84	-59.33
LAH 2226	34	56.33	118	49.23	1752.0	979573.42	-2.15	7.31	-55.27
LAH 2227	34	55.33	118	51.87	2453.0	979526.21	17.97	7.88	-58.71
LAH 2228	34	54.32	118	50.40	3785.0	979446.69	65.12	10.91	-54.28
LAH 2229	34	52.23	118	49.45	4370.0	979401.24	77.62	6.68	-66.07
LAH 2231	34	52.31	118	51.83	3509.0	979461.71	57.02	7.98	-55.84
LAH 2232	34	53.68	118	53.01	4605.0	979398.35	94.78	11.36	-52.28
LAH 2233	34	53.79	118	51.55	4026.0	979432.69	74.53	10.20	-53.85
LAH 2234	34	46.50	118	54.10	8010.0	979162.79	189.35	24.90	-60.41
LAH 2235	34	47.48	118	56.48	7513.0	979197.01	175.49	23.20	-59.05
LAH 2236	34	45.83	119	0.18	6853.0	979239.93	158.71	14.27	-62.27

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LAH 2237	34	44.36	119	2.75	5055.0	979342.14	93.99	6.04	-73.80
LAH 2238	34	43.04	119	1.10	4572.0	979372.85	81.16	7.93	-68.20
LAH 2239	34	42.09	118	59.26	4371.0	979384.07	74.82	9.02	-66.57
LAH 2240	34	45.25	119	3.98	5066.0	979341.08	92.72	4.61	-76.87
LAH 2241	34	44.07	119	5.60	5107.0	979334.77	91.92	4.33	-79.35
LAH 2242	34	42.47	119	7.12	5579.0	979296.25	100.02	7.65	-84.08
LAH 2243	34	41.81	119	5.50	5527.0	979303.68	103.48	5.48	-81.01
LAH 2244	34	41.28	119	7.07	5628.0	979294.31	104.36	5.11	-83.96
LAH 2245	34	39.32	119	6.23	5079.0	979327.13	88.33	5.77	-80.55
LAH 2246	34	38.30	119	4.92	4865.0	979343.57	86.08	4.99	-76.26
LAH 2247	34	39.95	119	3.07	4582.0	979364.37	77.97	6.29	-73.37
LAH 2248	34	40.40	119	2.18	4540.0	979369.73	78.74	5.70	-71.75
LAH 2249	34	48.50	119	7.84	8296.0	979153.53	204.14	22.89	-57.36
LAH 2250	34	48.30	119	8.23	8111.0	979163.97	197.49	23.01	-57.60
LAH 2251	34	48.31	119	8.78	7980.0	979174.65	195.84	20.36	-57.44
LAH 2252	34	48.26	119	9.39	7973.8	979175.25	195.93	19.63	-57.87
LAH 2253	34	48.25	119	9.77	8272.0	979152.73	201.45	23.30	-58.82
LAH 2254	34	48.50	119	10.30	8219.2	979156.58	199.99	23.44	-58.35
LAH 2255	34	48.57	119	10.83	8197.5	979157.07	198.34	25.53	-57.17
LAH 2256	34	48.84	119	11.29	7945.6	979175.43	192.65	24.36	-55.46
LAH 2257	34	49.29	119	11.61	7727.6	979195.87	191.97	20.61	-52.47
LAH 2258	34	56.67	118	56.74	1599.0	979564.87	-25.57	4.37	-76.37
LAH 2259	34	57.32	118	57.15	1497.0	979570.27	-30.68	3.72	-78.62
LAH 2260	34	58.19	118	59.26	1430.0	979577.51	-30.97	4.18	-76.13
LAH 2261	34	55.70	118	57.40	1940.0	979545.64	-11.36	6.89	-71.38
LAH 2262	34	59.87	119	1.67	1720.0	979551.22	-32.36	3.39	-88.30
LAH 2263	34	53.60	118	56.72	5168.0	979358.59	108.05	18.39	-51.26
LAH 2264	34	52.77	118	56.63	4776.0	979389.50	103.28	10.48	-50.52
LAH 2265	34	51.80	118	55.60	5114.0	979363.54	110.46	11.25	-54.14
LAH 2271	34	59.67	119	35.08	4076.0	979412.93	51.17	13.71	-75.41
LAH 2422	34	58.81	119	35.08	3405.0	979460.69	37.05	6.12	-74.11
LAH 2423	34	49.59	119	0.96	5400.0	979342.86	119.78	7.08	-58.77
LAH 2424	34	51.52	119	1.95	4891.0	979382.06	108.41	13.24	-46.56
LAH 2425	34	50.27	119	2.76	5431.0	979366.77	125.65	6.90	-54.13
LAH 2426	34	49.92	118	54.97	5405.0	979329.38	106.30	15.25	-64.25
LAH 2427	34	48.56	118	54.77	4777.0	979371.39	91.19	9.74	-63.38
LAH 2428	34	41.13	119	0.99	4380.0	979378.60	71.54	8.40	-70.77
LAH 2429	34	42.57	119	0.39	4461.0	979377.18	75.71	9.01	-68.77
LAH 2430	34	43.57	119	1.72	4701.0	979365.63	85.32	8.75	-67.64
LAH 2431	34	44.76	118	54.20	5970.0	979294.29	131.59	9.36	-64.16
LAH 2432	34	47.87	118	53.13	4485.0	979380.78	74.11	6.58	-73.62
LAH 2433	34	44.89	118	56.61	5735.0	979308.67	123.70	10.27	-63.11
LAH 2434	34	41.93	118	54.28	4770.0	979362.36	90.85	8.51	-64.71
LAH 2435	34	42.78	118	52.31	3290.0	979448.43	36.57	5.26	-71.49
LAH 2436	34	43.52	118	55.57	4687.0	979367.47	85.91	5.78	-69.53

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LAH 2437	34	39.19	118	55.50	6522.0	979239.32	136.33	18.27	-69.36
LAH 2438	34	38.63	118	59.12	6784.0	979214.24	136.67	20.78	-75.44
LAH 2439	34	40.70	118	58.71	6501.0	979245.90	138.81	14.64	-69.79
LAH 2440	34	42.56	118	57.87	4069.0	979401.48	65.06	10.58	-65.10
LAH 2441	34	39.23	118	57.13	7119.0	979205.53	158.59	19.65	-66.07
LAH 2442	34	38.13	118	57.69	6751.0	979221.65	141.67	23.61	-66.49
LAH 2443	34	39.20	118	54.13	5330.0	979323.07	108.03	9.86	-65.35
LAH 2444	34	39.66	118	54.36	4970.0	979349.63	100.11	7.86	-62.94
LAH 2445	34	40.27	118	53.68	4730.0	979368.95	96.01	6.74	-59.95
LAH 2446	34	40.58	118	52.88	4875.0	979355.95	96.20	8.23	-63.23
LAH 2447	34	41.35	118	52.35	4402.0	979382.57	77.27	9.15	-65.05
LAH 2454	34	50.70	118	56.25	6343.0	979272.93	136.92	23.58	-57.34
LAH 2455	34	50.51	118	57.36	6544.0	979260.51	143.66	21.02	-60.02
LAH 2456	34	41.44	118	51.00	2891.2	979464.26	16.78	8.06	-74.79
LAH 2457	34	39.88	118	49.52	2685.0	979472.13	7.46	8.59	-76.48
LAH 2458	34	39.25	118	49.64	2975.0	979455.15	18.64	13.65	-70.22
LAH 2459	34	39.28	118	48.89	3595.0	979421.08	42.82	7.38	-73.59
LAH 2460	34	40.63	118	50.37	2770.0	979468.90	11.17	8.32	-75.96
LAH 2461	34	41.98	118	50.08	3374.0	979425.74	22.91	4.26	-89.04
LAH 2462	34	45.58	118	54.44	4430.0	979391.27	82.66	6.85	-62.92
LAH 2463	34	50.01	118	59.73	6918.0	979241.65	160.66	22.36	-54.45
LAH 2464	34	50.85	118	59.20	6925.0	979240.37	158.84	24.04	-54.83
LAH 2465	34	30.19	119	26.13	4541.0	979360.68	84.12	17.13	-54.98
LAH 2466	34	30.64	119	22.99	1835.0	979530.29	-1.35	10.72	-53.92
LAH 2467	34	31.04	119	19.36	3884.0	979399.17	59.66	14.33	-59.72
LAH 2468	34	30.84	119	20.69	3485.0	979421.33	44.58	18.54	-56.89
LAH 2469	34	33.67	119	13.99	3515.0	979425.20	47.30	6.89	-66.85
LAH 2470	34	35.71	119	21.27	4255.0	979381.40	70.20	8.67	-67.55
LAH 2471	34	37.41	119	20.66	5040.0	979321.05	81.27	8.86	-83.18
LAH 2472	34	36.62	119	18.40	5013.0	979320.56	79.35	11.83	-81.21
LAH 2473	34	36.87	119	19.50	4934.0	979327.70	78.71	11.57	-79.40
LAH 2474	34	35.71	119	26.18	5359.0	979313.38	105.97	9.86	-68.39
LAH 2475	34	36.18	119	23.93	4340.0	979372.80	73.64	5.66	-71.75
LAH 2476	34	47.91	118	52.48	7342.0	979207.24	169.04	22.03	-60.85
LAH 2477	34	50.31	119	0.54	6610.0	979266.95	156.58	15.53	-54.85
LAH 2478	34	51.43	119	0.96	6522.0	979274.78	154.56	18.72	-50.68
LAH 2479	34	50.24	118	53.46	4737.0	979377.21	90.89	8.97	-63.08
LAH 2480	34	46.39	118	50.94	4481.0	979362.39	57.42	10.20	-86.55
LAH 2481	34	46.05	118	49.65	4081.0	979384.79	42.70	5.90	-91.86
LAH 2482	34	45.58	118	49.16	3594.0	979415.10	27.88	2.76	-93.12
LAH 2483	34	38.01	118	56.37	6867.0	979204.63	135.73	29.19	-70.80
LAH 2484	34	38.23	118	55.23	6681.0	979220.88	134.18	24.07	-71.13
LAH 2485	34	37.90	118	53.78	6030.0	979262.87	115.45	23.20	-68.51
LAH 2486	34	37.48	118	52.33	5962.0	979269.84	116.62	23.82	-64.39
LAH 2487	34	35.97	118	51.28	6152.0	979236.94	103.70	34.48	-73.15

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LAH 2488	34	35.35	118	49.92	5060.0	979307.63	72.62	25.11	-76.27
LAH 2489	34	34.78	118	47.94	3106.0	979434.92	17.00	10.78	-79.22
LAH 2490	34	44.61	118	50.37	3601.0	979412.85	27.66	5.57	-90.77
LAH 2491	34	37.28	118	45.61	3902.0	979385.73	39.14	18.48	-76.70
LAH 2492	34	48.92	119	1.61	5605.0	979328.68	125.82	6.75	-60.07
LAH 2493	34	43.42	119	2.89	5720.0	979321.26	129.91	6.75	-59.91
LAH 2494	34	46.81	119	5.17	6245.0	979275.10	135.36	9.76	-69.38
LAH 2495	34	48.32	119	5.18	6954.0	979238.48	163.24	16.76	-58.70
LAH 2496	34	46.81	119	7.00	6646.0	979250.23	148.18	14.98	-65.03
LAH 2497	34	49.25	119	6.25	7670.0	979200.86	191.60	17.88	-53.61
LAH 2498	34	50.89	119	5.50	5616.0	979340.13	135.52	11.46	-46.04
LAH 2499	34	51.22	119	7.28	4844.0	979389.54	111.90	12.10	-42.60
LAH 2601	34	45.18	119	8.80	5595.0	979309.42	110.87	6.66	-74.76
LAH 2602	34	44.24	119	7.35	5330.0	979316.70	94.57	5.20	-83.46
LAH 2603	34	37.69	119	7.10	5342.0	979309.00	97.21	8.49	-77.95
LAH 2604	34	38.07	119	2.60	4791.0	979349.56	85.44	4.72	-74.63
LAH 2605	34	36.93	119	2.87	4879.0	979342.79	88.55	5.44	-73.81
LAH 2606	34	53.17	119	8.25	3875.0	979450.53	79.04	15.80	-38.54
LAH 2607	34	50.16	119	10.93	6151.0	979305.28	151.99	14.75	-44.55
LAH 2608	34	53.14	119	5.41	4239.0	979428.23	91.00	14.65	-40.23
LAH 2609	34	54.32	119	4.93	3766.0	979457.25	73.90	9.88	-45.88
LAH 2610	34	55.57	119	3.83	3319.0	979479.42	52.47	7.53	-54.31
LAH 2611	34	45.37	119	6.41	5601.0	979304.43	106.19	8.49	-77.82
LAH 2612	34	41.02	119	18.61	4005.0	979388.87	46.71	4.78	-86.37
LAH 2613	34	41.42	119	21.70	3513.0	979423.11	34.13	4.31	-82.54
LAH 2614	34	44.54	119	29.09	4477.0	979377.87	75.14	6.37	-72.53
LAH 2615	34	44.55	119	26.98	4198.0	979392.40	63.42	6.59	-74.46
LAH 2616	34	43.70	119	25.71	3920.0	979406.32	52.40	6.95	-75.59
LAH 2617	34	42.82	119	24.40	3588.0	979425.40	41.51	5.43	-76.61
LAH 2618	34	45.52	119	22.72	3538.0	979428.63	36.23	3.65	-81.96
LAH 2619	34	46.31	119	21.08	3789.0	979412.06	42.15	3.60	-84.70
LAH 2620	34	46.89	119	19.48	4127.0	979390.63	51.68	3.76	-86.60
LAH 2621	34	45.81	119	17.10	5002.0	979334.03	78.86	6.21	-86.94
LAH 2622	34	37.97	119	15.94	7114.0	979183.65	138.01	29.12	-77.01
LAH 2623	34	37.29	119	14.08	7199.0	979177.30	140.61	30.12	-76.31
LAH 2624	34	37.23	119	11.38	6064.0	979265.38	122.58	11.57	-74.34
LAH 2625	34	37.24	119	9.70	6679.0	979216.99	131.50	20.96	-76.86
LAH 2627	34	39.20	119	10.01	5112.0	979327.31	91.77	6.06	-77.95
LAH 2626	34	38.00	119	9.03	6006.0	979266.12	116.30	13.98	-76.06
LAH 2628	34	39.58	119	8.67	4981.0	979334.82	86.44	4.98	-79.87
LAH 2629	34	47.73	119	18.21	4278.0	979388.94	63.00	4.06	-80.16
LAH 2630	34	47.75	119	16.67	4521.0	979377.01	73.90	4.95	-76.70
LAH 2631	34	47.20	119	15.08	5027.0	979345.69	90.91	8.58	-73.37
LAH 2632	34	49.33	119	16.43	5256.0	979343.98	107.73	9.90	-63.07
LAH 2633	34	42.88	119	19.96	4104.0	979385.54	50.08	5.74	-85.43

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LAH 2634	34	42.56	119	21.18	3650.0	979416.26	38.56	3.18	-83.94
LAH 2635	34	44.26	119	22.03	3704.0	979413.11	38.09	3.89	-85.56
LAH 2636	34	47.37	119	24.72	3366.0	979440.49	29.32	2.96	-83.66
LAH 2637	34	47.48	119	26.59	3105.0	979455.49	19.62	2.96	-84.39
LAH 2638	34	47.66	119	22.83	3677.0	979419.35	37.01	3.66	-85.94
LAH 2639	34	49.04	119	29.33	3145.0	979456.23	21.93	3.28	-83.14
LAH 2640	34	54.43	119	27.60	3534.0	979440.63	35.31	3.68	-82.71
LAH 2641	34	52.84	119	26.93	3253.0	979453.49	23.99	5.29	-82.77
LAH 2642	34	52.39	119	24.30	3562.0	979448.79	48.97	4.54	-69.15
LAH 2643	34	51.21	119	24.44	4375.0	979386.11	64.40	5.47	-80.67
LAH 2644	34	51.77	119	23.20	4250.0	979406.31	72.05	5.50	-68.70
LAH 2645	34	53.29	119	22.65	4528.0	979401.55	91.29	5.95	-58.54
LAH 2646	34	56.28	119	25.93	3508.0	979459.00	48.62	4.74	-67.45
LAH 2647	34	54.78	119	31.98	2448.0	979494.68	-13.27	1.60	-96.06
LAH 2648	34	53.65	119	31.39	2520.0	979489.21	-10.65	1.75	-95.76
LAH 2649	34	53.86	119	30.30	2604.0	979485.81	-6.16	1.89	-94.02
LAH 2650	34	30.12	118	39.95	2432.0	979451.79	-22.98	7.88	-98.93
LAH 2651	34	32.82	118	41.68	3087.0	979429.06	12.11	9.05	-85.19
LAH 2656	34	31.14	118	42.32	2500.0	979450.65	-19.16	6.48	-98.86
LAH 2652	34	35.87	118	30.66	2518.0	979487.95	13.21	4.68	-68.91
LAH 2653	34	36.22	118	32.32	2150.0	979506.47	-3.38	8.32	-69.20
LAH 2654	34	31.02	118	34.96	2104.0	979491.20	-15.67	4.68	-83.55
LAH 2655	34	30.01	118	42.59	2287.0	979456.22	-32.03	6.62	-104.26
LAH 2657	34	31.92	118	41.23	2792.0	979444.86	1.43	5.98	-88.81
LAH 2658	34	30.91	118	40.87	2157.0	979476.26	-25.48	4.32	-95.54
LAH 2659	34	31.13	118	39.69	2367.0	979469.76	-12.54	8.26	-85.88
LAH 2660	34	30.28	118	41.53	2073.0	979474.26	-34.49	5.49	-100.48
LAH 2661	34	34.96	118	36.28	3059.0	979445.16	22.57	9.17	-73.65
LAH 2662	34	33.54	118	37.48	1500.0	979535.39	-31.82	4.00	-79.57
LAH 2663	34	36.20	118	39.64	1668.0	979527.90	-27.25	6.57	-78.22
LAH 2664	34	36.99	118	37.48	2204.0	979498.18	-7.67	8.14	-75.53
LAH 2665	34	37.87	118	35.37	3914.0	979391.72	45.43	11.17	-78.13
LAH 2666	34	38.67	118	33.44	4119.0	979378.99	50.85	13.44	-77.47
LAH 2667	34	38.97	118	39.61	3002.0	974445.97	12.39	6.14	-84.90
LAH 2668	34	41.14	118	40.50	3137.0	979441.80	17.86	7.27	-82.94
LAH 2670	34	42.08	118	41.32	4093.0	979380.52	45.14	9.79	-85.94
LAH 2669	34	41.32	118	38.75	4119.0	979350.10	48.23	9.04	-84.50
LAH 2671	34	39.66	118	41.61	2950.0	979450.45	11.01	5.36	-85.28
LAH 2672	34	39.75	118	36.28	2944.0	979452.77	12.63	9.73	-79.08
LAH 2673	34	38.13	118	37.53	2322.0	979489.15	-7.21	8.49	-78.78
LAH 2674	34	59.47	118	40.94	2627.0	979510.88	13.16	12.14	-65.24
LAH 2675	34	58.08	118	40.44	3060.0	979479.42	24.38	16.34	-64.70
LAH 2676	34	57.50	118	39.01	3640.0	979439.48	39.79	18.21	-67.34
LAH 2677	34	59.70	118	43.38	2842.0	979506.73	28.91	7.47	-61.56
LAH 2678	34	58.22	118	43.47	4335.0	979412.64	77.28	13.37	-58.52

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LAH 2683	34	59.33	118	34.19	5760.0	979314.66	111.68	13.37	-72.89
LAH 2684	34	58.17	118	35.26	5691.0	979321.06	113.24	8.94	-73.40
LAH 2686	34	54.11	118	43.27	3856.0	979423.19	48.59	6.47	-77.69
LAH 2697	34	48.73	118	44.93	3575.0	979416.62	23.18	3.27	-96.65
LAH 2698	34	52.69	118	40.38	4050.0	979395.26	40.90	4.97	-93.53
LAH 2689	34	56.52	118	34.41	5702.0	979297.57	93.11	12.42	-90.42
LAH 2690	34	45.05	118	44.54	4438.0	979357.97	50.85	6.30	-95.55
LAH 2691	34	42.21	118	44.44	3583.0	979407.48	23.97	2.97	-96.44
LAH 2692	34	43.01	118	44.42	3967.0	979382.92	34.39	5.64	-96.52
LAH 2693	34	43.88	118	45.35	3260.0	979429.26	13.04	3.86	-95.39
LAH 2807	34	59.21	119	55.95	2329.0	979531.14	5.77	3.45	-71.07
LAH 2810	34	58.77	119	54.36	2305.0	979531.38	4.37	2.63	-72.47
LAH 2811	34	58.46	119	54.52	2398.0	979525.75	7.92	2.96	-71.78
LAH 2812	34	59.71	119	53.09	2050.0	979551.87	-0.46	2.09	-69.06
LAH 2837	34	59.42	119	57.19	2560.0	979518.31	14.37	6.33	-67.54
LAH 2867	34	56.67	119	44.07	2250.0	979517.75	-11.48	1.81	-87.25
2868	34	55.90	119	44.34	2456.0	979505.48	-3.30	2.35	-85.61
LAH 2869	34	55.60	119	43.63	2322.0	979511.58	-9.37	2.14	-87.29
2870	34	55.06	119	43.67	2583.0	979496.09	0.46	2.49	-86.08
LAH 2871	34	55.19	119	44.31	2541.0	979500.18	0.41	2.31	-84.87
LAH 2872	34	54.57	119	44.18	2531.0	979500.49	0.66	2.65	-83.93
LAH 2873	34	54.15	119	44.00	2601.0	979498.57	3.92	2.93	-82.80
LAH 2874	34	54.16	119	43.39	2745.0	979485.19	6.06	2.42	-86.12
2875	34	54.62	119	43.29	2863.0	979475.36	6.67	3.01	-88.98
LAH 2876	34	54.03	119	43.00	2639.0	979490.97	2.06	2.25	-86.65
LAH 2877	34	53.77	119	43.10	2641.0	979492.74	4.38	2.38	-84.26
2878	34	53.68	119	42.39	2536.0	979496.47	-1.65	2.37	-86.70
LAH 2879	34	53.87	119	41.66	2403.0	979502.71	-8.18	2.36	-88.66
LAH 2880	34	54.59	119	42.03	2439.0	979500.61	-7.91	1.95	-90.04
2881	34	55.65	119	41.49	2229.0	979512.93	-16.84	1.66	-92.04
LAH 2938	34	57.46	119	39.35	2136.0	979520.24	-20.83	1.42	-93.07
LAH 2939	34	57.35	119	38.55	2155.0	979518.21	-20.91	1.44	-93.78
LAH 2940	34	58.35	119	39.29	2116.0	979528.16	-16.04	1.54	-87.46
LAH 2941	34	58.41	119	38.48	2139.0	979528.58	-13.54	1.82	-85.48
LAH 2942	34	58.12	119	37.27	2277.0	979519.80	-8.94	2.16	-85.28
LAH 2943	34	59.44	119	41.04	2342.0	979523.57	-0.92	2.34	-79.33
LAH 3035	34	58.70	119	44.82	1922.0	979545.46	-17.48	1.99	-81.78
LAH 3036	34	59.97	119	44.47	2455.0	979522.80	8.20	3.63	-72.80
LAH 3037	34	59.73	119	44.39	2320.0	979527.97	1.01	3.45	-75.53
LAH 3038	34	59.27	119	44.59	2125.0	979534.28	-10.37	2.53	-81.11
LAH 3039	34	59.78	119	43.40	2980.0	979487.46	22.50	5.16	-75.02
3063	34	58.94	119	42.60	2480.0	979510.41	-0.39	5.51	-80.37
LAH 3064	34	59.44	119	43.20	2610.0	979510.72	11.44	3.58	-74.94
LAH 3065	34	58.50	119	42.38	2011.0	979538.19	-16.10	2.11	-83.35
LAH 3066	34	58.73	119	41.68	2060.0	979535.16	-14.84	2.42	-83.46

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LAH 3067	34	57.47	119	43.58	1978.0	979537.84	-18.81	1.78	-85.24
LAH 3068	34	57.71	119	42.97	2030.0	979532.54	-18.85	1.64	-87.22
LAH 3069	34	57.08	119	41.76	2094.0	979523.02	-20.99	1.51	-91.86
LAH WU48	34	8.17	118	7.59	765.0	979578.31	-22.52	0.99	-47.94
LAH WU28	34	4.17	118	26.43	435.0	979597.48	-28.81	0.49	-43.34