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Santa Cruz County Average Daily Traffic Counts

(2010 through 2016)

AREA	STREET:	From Street	To Street	Latest Count	Date	Prev Count	Date
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C

41ST AVE	SP RR	Clares		13,732	Feb, 2015	22,554	Jul, 2011
41ST AVE	Capitola Rd	Strawberry Ln		22,272	Jul, 2015		
41ST AVE	Clares	SHWY 1		40,804	Jul, 2015	43,755	Mar, 2015
41st Ave.	S/O	Cory St.		24,232	May, 2011		
49TH AVE	CAPITOLA RD	WHARF RD		5,336	Feb, 2015		
BAY AVE	MONTEREY AVE	SHWY 1		11,749	Oct, 2016	7,724	Feb, 2015
BROMMER ST	BULB AVE	41ST AVE		6,664	Oct, 2016	7,896	Oct, 2013
CAPITOLA AVE	CLIFF DR	SHWY 1		3,534	Feb, 2015		
CAPITOLA RD	41ST AVE	45TH AVE		11,024	Feb, 2015	13,489	Jul, 2011
CAPITOLA RD	45TH AVE	WHARF RD		10,526	Feb, 2015	10,378	Jul, 2011
CAPITOLA RD	30th AVE	41ST AVE		15,262	Oct, 2016	17,267	Feb, 2015
CLARES ST	41ST AVE	WHARF RD		5,348	Feb, 2015		
Clares St.	Capitola Rd	41st Ave		15,978	Feb, 2015		
CLIFF DR	WHARF RD	CAPITOLA AVE		16,033	Oct, 2016	12,394	Jul, 2015
CLIFF DR	PORTOLA RD	WHARF RD		7,844	Oct, 2013		
ESPLANADE	CLIFF DR	LAWN WAY		1,822	Feb, 2012		
FORTY SECOND AVE	CAPITOLA RD	CLARES ST		1,480	Feb, 2015		
FORTY SEVENTH AVE	TOPAZ ST	CAPITOLA RD		1,182	Oct, 2013		
JADE ST	41ST AVE	45TH AVE		4,766	Oct, 2013		
KENNEDY DR	MONTEREY AVE	PARK AVE		4,202	Oct, 2013		
MONTEREY AVE	BAY AVE	KENNEDY DR		3,507	Oct, 2013		
Monterey Ave.	N/O	Park Ave.		3,656	Feb, 2015	5,670	Jul, 2011
Monterey Ave.	Lawn St	Park Ave		8,974	Oct, 2013	9,664	Feb, 2012
PARK AVE	MONTEREY AVE	SHWY 1		8,381	Jul, 2015	7,498	Oct, 2013
Porter St.	CPTL CL (1)	SOQUEL-WHARF RD		21,839	Dec, 2010		
SOMMERFIELD AVE	CAPITOLA RD	BROWN RANCH RD		177	Feb, 2015		
Soquel Dr	W/O	Capitola Ave		20,349	Oct, 2016		
SR 1	CAPITOLA BAY AVENUE I	CAPITOLA 41ST AVENU		75,775	Jan, 2014		
SR 1	STATE PARK DRIVE INTE	CAPITOLA PARK AVENU		88,270	Jan, 2014	86,416	Nov, 2010
TOPAZ ST E	45 TH AVE	49 TH AVE		1,086	Feb, 2015		
WHARF RD	CLIFF DR	CAPITOLA RD		4,672	Feb, 2015	6,377	Jul, 2011
WHARF RD	CAPITOLA RD	SHWY 1		5,934	Feb, 2015		

CO

17th Ave.	S/O	Capitola Rd.		10,385	Jul, 2015		
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	17th Ave.	S/O	Brommer St.	10,344	Jul, 2015		
	17th Ave.	N/O	Brommer St.	11,692	Oct, 2016	10,181	Oct, 2014
	41ST AVE	PORTOLA DR	SP RR	12,160	Oct, 2016	12,425	Jul, 2015
	41ST AVE	SHWY 1	.11 N OF SHWY 1	14,551	Feb, 2015	16,799	Feb, 2012
	7th Ave.	N/O	Eaton St.	10,969	Jul, 2015		
	7th Ave.	S/O	Brommer St.	11,154	Oct, 2016		
	Alba Rd.	.55 E OF EMPIRE GRD	WESTERN WY	2,842	Jul, 2011		
	Amesti Rd.	S/O	Rianda Rd.	2,900	Oct, 2010		
	Bear Creek Rd.	W/O	Skyline Blvd	2,724	Oct, 2010		
	Bonita Dr.	Freedom Blvd	Vista Del Mar	1,072	Jul, 2011		
	Brommer St.	E/O	7th Ave.	7,752	Oct, 2016		
	Brommer St.	W/O	17th Ave.	7,680	Oct, 2016	7,598	Oct, 2014
	Cabrillo College Dr.	Park Ave	Soquel Dr	8,702	Oct, 2016	3,914	Jul, 2011
	Calabasas Rd.	S/O	Koenig Rd.	575	Oct, 2010		
	Capitola Ave	N/O	Hwy 1	4,750	May, 2011		
	CAPITOLA RD	17TH AVE	30th AVE	16,695	Jul, 2011		
	CAPITOLA RD	7th Ave.	17TH AVE	15,502	Oct, 2016	15,349	Jul, 2011
	CAPITOLA RD	SOQUEL AVE	7TH AVE	13,864	Jan, 2014	16,861	Jul, 2011
	CARLTON RD	COWARD RD	SHWY 129	2,424	Jul, 2011		
	Center Ave.	E/O	State Park Dr.	5,036	Oct, 2016		
	CHANTICLEER AVE	N/O	Capitola Rd	4,875	Aug, 2015		
	CHITTENDEN RD	at	San Benito Cty line	10,940	Aug, 2015	11,308	May, 2015
	Commercial Wy	W/O	Mission Dr.	2,173	May, 2011		
	CONGRESS SPRINGS R	E/O	Skyline Blvd	4,916	Aug, 2015	2,632	Jun, 2015
	East Cliff Dr.	W/O	17th Ave.	13,626	Oct, 2016		
	East Cliff Dr.	E/O	7th Ave.	13,785	Jul, 2015		
	Empire Grade	S/O	Heller Dr.	10,689	Oct, 2010		
	FELTON EMPIRE RD	2301 EMPIRE GRADE	URL .03 NW/KRAZY ACR	2,079	Jul, 2011		
	Freedom Blvd	S/O	Valencia Rd	15,226	Oct, 2016		
	Freedom Blvd.	N/O	Scurich Ln.	9,715	Oct, 2010		
	Freedom Blvd.	N/O	Soquel Dr.	16,015	Aug, 2015		
	GLEN ARBOR RD	SHWY 9	GLEN ARBOR RD	4,337	Jul, 2011		
	GRAHAM HILL RD	3302 MT HERMON RD	33116 LOCKWOOD LN	6,749	Jul, 2011		
	GRAHAM HILL RD	SHWY 9	MT HERMON RD	27,896	Feb, 2012		
	GRANITE CREEK RD	SHWY 17	LIONS FIELD DR	938	Feb, 2015		
	GREEN VALLEY RD	CASSERLY RD	URL .07 N/PIONEER RD	3,471	Jul, 2011		
	Green Valley Rd.	N/O	Holohan Rd	20,867	Oct, 2010		
	HARKINS SLOUGH RD	.04M W/SHWY 1	GREEN VLY RD	598	Feb, 2015	5,357	Jul, 2011

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Highway 1 Offramp		Westbound	Rooney St	1,872	Nov, 2010		
Highway 1 Offramp		Eastbound	Fairmount Ave	5,272	Nov, 2010		
Highway 1 Offramp		Westbound	Morrissey Blvd	9,220	Nov, 2010		
Highway 1 Off-Ramp		Westbound	Larkin Valley Rd.	1,313	Nov, 2010		
Highway 1 Off-Ramp		Westbound	State Park Ave. (loop)	6,765	Nov, 2010		
Highway 1 Off-Ramp		Eastbound	State Park Ave.	8,160	Nov, 2010		
Highway 1 Off-Ramp		Westbound	Park Ave.	4,390	Nov, 2010		
Highway 1 Off-Ramp		Eastbound	San Andreas Rd.	4,491	Nov, 2010		
Highway 1 Off-Ramp		Eastbound	Park Ave.	7,650	Nov, 2010		
Highway 1 Onramp		Eastbound	Fairmount Ave	2,531	Nov, 2010		
Highway 1 On-Ramp		Eastbound	State Park Ave. (loop)	4,824	Nov, 2010		
Highway 1 On-Ramp		Westbound	State Park Ave. (loop)	2,253	Nov, 2010		
Highway 1 On-Ramp		Eastbound	State Park Ave.	1,609	Nov, 2010		
Highway 1 On-Ramp		Westbound	Morrissey Blvd	4,918	Nov, 2010		
Highway 1 On-Ramp		Westbound	State Park Ave.	6,193	Nov, 2010		
Highway 1 On-Ramp		Eastbound	San Andreas Rd.	1,315	Nov, 2010		
Highway 1 On-Ramp		Westbound	Rooney St	1,175	Nov, 2010		
Highway 1 On-Ramp		Eastbound	Park Ave.	4,101	Nov, 2010		
Highway 1 On-Ramp		Eastbound	Morrissey Blvd	4,927	Nov, 2010		
Highway 1 On-Ramp		Westbound	Larkin Valley Rd.	4,322	Nov, 2010		
Highway 1 On-Ramp		Westbound	Park Ave.	8,659	Nov, 2010		
HOLOHAN RD		GREEN VALLEY RD	SHWY 152	16,704	Jul, 2011		
Holohan Rd.		E/O	Green Valley Rd.	17,036	May, 2011		
Larkin Valley Rd.		N/O	Buena Vista Dr.	1,046	Oct, 2010		
LEE RD		RIVERSIDE DR	BEACH RD	7,682	Jul, 2011		
LEE RD		RIVERSIDE DR	BEACH RD	7,682	Jul, 2011		
Lee Rd.		Riverside Rd	Beach Rd	7,682	Jul, 2011		
Lee Rd.		Riverside Rd	Beach Rd	7,682	Jul, 2011		
Main St		W/O	Rodriguez St.	26,644	Oct, 2016	29,749	Oct, 2014
Maple Ave		W/O	Union St.	4,764	Oct, 2016	3,486	Oct, 2014
McGregor Dr		E/O	Park Ave	7,576	Oct, 2016		
McGregor Dr		N/O	Searidge Rd	3,986	Oct, 2016		
MT HERMON RD		GRAHAM HILL RD	SPRR	18,504	Feb, 2012		
MT HERMON RD		SPRR	.17 N/LOCKHART GULCH	19,133	Feb, 2012		
Park Ave.		Soquel Dr	S/Hwy 1	20,100	Oct, 2010		
Paul Sweet Rd.		N/O	Hwy 1	2,768	May, 2011		
POLO DR		SOQUEL DR	.20 N OF SOQUEL DR	644	Jul, 2011		
PORTER ST		CPTL CL (1)	SOQUEL-WHARF RD	12,611	Jul, 2011		

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	PORTER ST	SOQUEL-WHARF RD	SOQUEL DR	10,830	Oct, 2016	11,582	Oct, 2014
	PORTOLA DR	Coastview Dr	23rd St	10,743	Jul, 2015		
	Portola Dr.	E/O	24th Ave.	12,093	Jul, 2015		
	Portola Dr.	W/O	41st Ave.	16,056	Oct, 2016	13,877	Oct, 2014
	Portola Dr.	E/O	41st Ave.	6,388	Jul, 2015		
	QUAIL HOLLOW RD	VISTA ROBLES DR	E ZAYANTE RD	2,067	Jul, 2011		
	Rio Del Mar Blvd	S/O	Club House Dr.	17,900	Oct, 2016	9,109	Aug, 2015
	RIVERSIDE DR	LEE RD	SHWY 1	10,164	Jul, 2011		
	Riverside Dr.	W/O	Industrial	20,756	May, 2011		
	San Andreas Rd.	N/O	Seascape Blvd.	10,332	Oct, 2016		
	San Andreas Rd.	btwn	Crest/Spring Vly Dr	2,667	Oct, 2010		
	SKYLINE BLVD	at	San Mateo County Line	2,170	Aug, 2015	1,468	Jun, 2015
	Soquel Ave	W/O	Fredrick St	29,406	May, 2010		
	SOQUEL AVE	7th AVE	Rodeo Gulch	19,251	Jul, 2011		
	Soquel Ave.	E/O	Seabright Ave.	17,324	Oct, 2016		
	Soquel Ave.	W/O	17th Ave.	19,522	Oct, 2016		
	Soquel Ave.	E/O	S. Rodeo Gulch	6,932	Oct, 2016	7,560	Nov, 2010
	SOQUEL DR	Rodeo Gulch	41 st AVE	23,618	Oct, 2016	18,532	Jul, 2015
	Soquel Dr	W/O	State Park Dr.	20,414	Oct, 2016		
	SOQUEL DR	Lower Perimeter Rd	Cabrillo College Dr	11,547	Jul, 2015		
	Soquel Dr.	E/O	Main St.	11,599	Jul, 2015		
	Soquel Dr.	W/O	Soquel-SJ Rd.	17,190	Oct, 2016	18,095	Oct, 2014
	Soquel Dr.	W/O	Mission Dr.	22,642	Oct, 2016	22,541	May, 2011
	Soquel Dr.	E/O	Park Ave.	20,066	Oct, 2016		
	Soquel Dr.	Spreckles Dr	Aptos Ranch Rd	16,332	Jul, 2015		
	Soquel Dr.	W/O	Rio Del Mar Blvd	10,580	Oct, 2016		
	Soquel Dr.	E/O	State Park Dr.	20,080	Oct, 2016		
	Soquel-Wharf Rd.	N/O	Highway 1	7,824	Oct, 2010		
	Soquel-Wharf Rd.	S/O	Robertson	3,124	Oct, 2010		
	Spreckles Dr.	N/O	Treasure Island	6,730	Oct, 2010		
	SR 1	SOQUEL AVENUE	SANTA CRUZ MORRISS	84,998	Nov, 2010		
	SR 1	LARKIN VALLEY ROAD	FREEDOM BOULEVARD	69,909	Nov, 2010		
	SR 1	FREEDOM BOULEVARD IN	RIO DEL MAR N/O FREE	82,348	Jan, 2014		
	SR 129	ROGGE LANE	PESCADERO RD	11,916	Jan, 2014		
	SR 129	JCT. RTE. 1	MAIN ST	22,058	Jan, 2014		
	SR 129	WATSONVILLE BLACKBUR	LAKEVIEW ROAD	13,325	Jan, 2014		
	SR 152	at	Santa Clara County Line	5,551	Aug, 2015	5,208	May, 2015
	SR 152	BECK AVENUE	HOLOHAN/COLLEGE RO	16,563	Jan, 2014		

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	SR 236	BOULDER CREEK JCT. R	FERNWOOD PL	6,366	Jan, 2014		
	SR 35	BEAR CREEK ROAD	SANTA CRUZ SANTA CL	10,757	Jan, 2014		
	SR 35	S/O	SR 17	6,468	Aug, 2015	8,179	Jun, 2015
	SR 35	N/O	SR 17	2,174	Aug, 2015	2,617	Jun, 2015
	SR 9	BOULDER CREEK RIVER	BOULDER CREEK SOUT	12,548	Jan, 2014		
	SR 9	FELTON GRAHAM HILL RO	BEN LOMOND GLEN AR	21,727	Jan, 2014		
	State Park Dr.	S/O	Soquel Dr.	25,122	Oct, 2016		
	State Park Dr.	at	RR crossing	11,340	Jul, 2015		
	Valencia Dr.	.65 Trout Gulch	Freedom Blvd	1,548	Jul, 2011		
	Walnut St.	W/O	Daubenbiss Ave	3,354	Oct, 2010		

SC

	ALMAR AVE	W CLIFF DR	SHWY 1	2,987	Sep, 2013		
	ALTA VISTA DR	ARROYO SECO	NOBEL DR	1,834	Oct, 2013	1,388	Jul, 2011
	ARROYO SECO	GRANDVIEW ST	ALTA VISTA DR	862	Sep, 2013		
	BARSON ST	CAMPBELL ST	OCEAN ST	2,750	Oct, 2013		
	BAY ST	W CLIFF DR	MISSION ST (1)	7,808	Sep, 2013		
	BAY ST	ESCALONA DR	HIGH ST	10,488	Oct, 2016	12,490	Oct, 2014
	BAY ST	MISSION ST (1)	ESCALONA DR	12,226	Sep, 2013	9,685	Jul, 2011
	BAYONA DR	ALTA VISTA DR	ESCALONA DR	1,038	Sep, 2013		
	BEACH ST	RIVERSIDE AVE	3RD ST	3,036	Oct, 2013		
	BEACH ST	W CLIFF DR	RIVERSIDE AVE	2,057	Oct, 2013		
	BRANCIFORTE DR	GOSS AVE	.09 N OF GOSS AVE	4,916	Jan, 2014	5,728	Jul, 2011
	BRANCIFORTE DR	.04 S OF GLN CYN RD	GLEN CANYON RD	4,646	Jan, 2014		
	BROADWAY	SAN LORENZO BLVD	FREDERICK ST	8,820	Feb, 2015		
	Broadway	E/O	Seabright Ave	6,022	Oct, 2016		
	CALIFORNIA AVE	BAY ST	LAUREL ST	7,272	Sep, 2013		
	CALIFORNIA AVE	ERRETT CIRCLE	BAY ST	5,040	Sep, 2013		
	CEDAR ST	LINCOLN ST	CENTER ST	6,224	Sep, 2013		
	CEDAR ST	LAUREL ST	LINCOLN ST	6,590	Jul, 2015	3,659	Feb, 2015
	CENTER ST	WASHINGTON ST	MISSION ST	4,352	Oct, 2013		
	CHESTNUT ST	LAUREL	MISSION ST	5,084	Sep, 2013		
	CORAL ST	SHWY 9	HARVEY WEST BLVD	2,969	Oct, 2013		
	DELAWARE AVE	NATURAL BRIDGES DR	SANTA CRUZ ST	4,044	Sep, 2013		
	DU BOIS ST	HARVEY WEST BLVD	ENCINAL ST	1,388	Sep, 2013		
	EAST CLIFF DR	MURRAY ST	.13 S OF MURRAY ST	1,376	Jan, 2014		
	ELK ST	GOSS AVE	ROONEY ST	1,555	Feb, 2015		
	EMELINE AVE	GRANT ST	.16 N OF SHWY 1	2,574	Feb, 2015	3,881	May, 2011
	ENCINAL ST	DU BOIS ST	SHWY 9	5,236	Oct, 2013		

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ERRETT CIRCLE	CALIFORNIA AVE	CALIFORNIA AVE		2,695	Oct, 2013		
ESCALONA DR	ARROYO SECO	HIGHLAND AVE		1,856	Sep, 2013		
FAIR AVE	W CLIFF DR	MISSION ST		5,706	Sep, 2013		
FAIRMONT AVE	BRANCIFORTE AVE	MORRIISSEY BLVD		4,908	Jan, 2014		
FERNSIDE ST	PLYMOUTH ST	EMELINE AVE		2,348	Feb, 2015		
FREDERICK ST	WINDHAM ST	BROADWAY		1,629	Feb, 2015		
FREDERICK ST	BROADWAY	SOQUEL AVE		7,680	Feb, 2015		
FRONT ST	PACIFIC ST	LAUREL ST		8,797	Oct, 2013		
FRONT ST	LAUREL ST	RIVER ST		11,925	Oct, 2016	13,798	Jul, 2015
FRONT ST	RIVER ST	N. PACIFIC AVE		7,976	Mar, 2015		
GLEN COOLIDGE DR	.94 N OF HIGH ST	1.58 N OF HIGH ST		4,822	Feb, 2015	2,818	Jul, 2011
GLEN COOLIDGE DR	HIGH ST	.94 N OF HIGH ST		12,514	Feb, 2015		
GOSS AVE	BRANCIFORTE AVE	ELK ST		1,120	Jan, 2014		
GRAHAM HILL RD	OCEAN ST	.18 N OF OCEAN ST		15,089	Feb, 2015	8,339	Jul, 2011
GRANDVIEW ST	SWIFT ST	ARROYO SECO		2,734	Oct, 2013		
GRANT ST	PLYMOUTH ST	MARKET ST		2,560	Feb, 2015		
HARVEY WEST BLVD	CORAL ST	DU BOIS ST		2,864	Oct, 2013		
HELLER DR	EMPIRE GRADE	STEINHART WY		5,501	Feb, 2015		
HIGH ST	CL SE/HIGH VIEW	WESTERN DRIVE		9,545	Sep, 2013	8,024	Jul, 2011
HIGH ST	WESTERN DR	HIGHLAND AVE		13,716	Oct, 2016	5,921	Jul, 2015
HIGH ST	HIGHLAND AVE	.05M W/SHWY 1		372	Oct, 2013		
HIGHLAND AVE	HIGH ST	SPRING ST		857	Sep, 2013		
HIGHLAND AVE	SHWY 1	HIGH ST		7,358	Sep, 2013		
HIGHWAY 1	Highland Ave	Chestnut St		45,466	Aug, 2015	50,832	Jun, 2015
ISBEL DR	MARKET ST	CARBONERA DR		1,808	Jan, 2014		
KING ST	STOREY ST	SHWY 1		7,966	Feb, 2015		
KING ST	SHWY 1	LAURENT ST		3,429	Sep, 2013		
KING ST	LAURENT ST	STOREY ST		4,432	Sep, 2013		
LA FONDA AVE	SOQUEL AVE	PROSPECT HEIGHTS		3,696	Jan, 2014	2,676	May, 2011
LAGUNA ST	SANTA CRUZ ST	BAY ST		3,622	Sep, 2013		
LAUREL ST	KING ST	SHWY 1		3,310	Sep, 2013		
LAUREL ST	SHWY 1	FRONT ST		14,480	Sep, 2013		
Laurel St.	E/O	Front St.		19,984	Oct, 2016	21,888	Oct, 2014
LAURENT ST	KING ST	HIGH ST		1,084	Sep, 2013		
LEE ST	EMELINE AVE	PLYMOUTH ST		744	Feb, 2015		
LINCOLN ST	WALNUT AVE	WASHINGTON ST		2,516	Feb, 2015		
LINCOLN ST	WASHINGTON ST	PACIFIC AVE		2,418	Oct, 2013		
Market St.	S/O	Goss Ave.		3,600	Mar, 2015	4,045	May, 2011

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MCLAUGHLIN DR	STEINHART WY	.41 E/STEINHART WY		3,059	Feb, 2015		
MEDER ST	WESTERN DR	BAY DR		2,153	Sep, 2013		
MIRAMAR DR	SHWY 1	ALTA VISTA DR		3,331	Sep, 2013		
MISSION ST	WESTERN DR	NATURAL BRIDGES DR		3,457	Oct, 2013		
MISSION ST	CHESTNUT ST	N PACIFIC AVE		10,287	Jul, 2015	10,847	Feb, 2015
Mission St.	at	Baldwin St.		34,178	Aug, 2015	34,366	Jun, 2015
Mission St/Hwy 1	NW/O	Shaffer Rd		13,740	Aug, 2015	9,979	Jun, 2015
MORRISSEY BLVD	WATER ST	PACHECO AVE		17,354	Jan, 2014		
MORRISSEY BLVD	PACHECO AVE	PROSPECT HEIGHTS		3,300	Jan, 2014	4,431	May, 2011
MURRAY AVE	E CLIFF DR	LAKE AVE		18,496	Oct, 2014	17,772	Oct, 2013
MURRAY ST	Pilkington	Brook Ave		14,272	Jul, 2015		
Murray St.	E/O	Seabright Ave.		19,510	Oct, 2016		
N BRANCIFORTE AVE	WATER ST	DE LA VEAGA DR		5,828	Jan, 2014	5,557	May, 2011
N. BRANCIFORTE	SOQUEL AVE	WATER ST		5,380	Jan, 2014		
NATURAL BRIDGES DR	MISSION ST	DELAWARE AVE		2,304	Sep, 2013	2,281	Feb, 2012
NOBEL DR	MEDER ST	BAY DR		1,968	Sep, 2013		
NORTH PACIFIC AVE	WATER ST	RIVER ST		6,549	Oct, 2013		
OCEAN ST	BROADWAY	EAST CLIFF DR		14,262	Feb, 2015	13,683	Jul, 2011
OCEAN ST	WATER ST	SOQUEL AVE		18,862	Jan, 2014	27,687	Jul, 2011
OCEAN ST	SOQUEL AVE	BROADWAY		14,998	Jan, 2014	23,957	Jul, 2011
OCEAN ST	PLYMOUTH ST	GRAHAM HILL RD		12,160	Oct, 2013		
PACHECO AVE	ROONEY DR	PROSPECT HEIGHTS		1,228	Jan, 2014	1,783	May, 2011
PACIFIC AVE	LAUREL ST	WATER ST		3,394	Feb, 2015		
PACIFIC AVE	BEACH ST	WASHINGTON		8,348	Oct, 2013		
PACIFIC AVE	WASHINGTON ST	PACIFIC AVE		9,776	Oct, 2013		
PINE ST	SEABRIGHT AVE	SOQUEL AVE		504	Mar, 2015		
PLYMOUTH ST	LEE ST	.13 N OF LEE ST		781	Feb, 2015	684	May, 2011
PLYMOUTH ST	OCEAN ST	FERNSIDE ST		2,486	Feb, 2015		
PROSPECT HTS DR	MORRISSEY BLVD	LA FONDA AVE		3,022	Jan, 2014		
RIVER ST	RIVER ST SOUTH	SHWY 1		10,535	Feb, 2015		
RIVER ST	FRONT ST	RIVER ST SOUTH		7,152	Feb, 2015		
RIVERSIDE AVE	BEACH ST	2ND ST		2,774	Mar, 2015	910	Oct, 2013
RIVERSIDE AVE	2ND ST	SAN LORENZO BLVD		3,944	Oct, 2013		
ROONEY ST	ELK ST	PACHECO AVE		4,974	Jan, 2014	3,341	May, 2011
S. BRANCIFORTE	BROADWAY	SOQUEL AVE		4,008	Feb, 2015		
SAN LORENZO BLVD	BROADWAY	OCEAN ST		9,184	Oct, 2013		
SAN LORENZO BLVD	OCEAN ST	EAST CLIFF DR		10,484	Feb, 2015		
SEABRIGHT AVE	MURRAY ST	SOQUEL AVE		7,162	Feb, 2015	10,062	Oct, 2014

AREA	STREET:	From Street	To Street	Latest Count	Date	Prev Count	Date
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C=Capitola, CO=Unincorporated County, SC=Santa Cruz, SV=Scotts Valley, W=Watsonville

	SEABRIGHT AVE	N/O	Murray St	8,532	Oct, 2016	9,436	Jul, 2015
	SECOND ST	PACIFIC AVE T	RIVERSIDE AVE	2,380	Oct, 2013		
	SOQUEL AVE	PACIFIC AVE	WATER ST	15,328	Feb, 2015	18,159	Jul, 2011
	SOQUEL AVE	WATER ST	LA FONDA	25,044	Jan, 2014	30,338	Jul, 2011
	Soquel Ave.	at	San Lorenzo bridge	12,412	Oct, 2016		
	SPRING ST	HIGH ST	.2M N/PASTURE RD	1,220	Sep, 2013		
	SR 1	ALMAR STREET	SANTA CRUZ SWIFT ST	22,033	Jan, 2014		
	SR 1	SANTA CRUZ JCT. RTE. 17	JCT. RTE. 9 NORTH RIVE	63,417	Jan, 2014		
	SR 9	SANTA CRUZ JCT. RTE. 1	ENCINAL STREET	28,331	Jan, 2014		
	SR 9	ENCINAL STREET	SANTA CRUZ NORTH CI	5,200	Jan, 2014		
	STOREY ST	KING ST	HIGH ST	5,994	Sep, 2013		
	SWANTON BLVD	W CLIFF DR	DELAWARE AVE	1,839	Sep, 2013		
	SWIFT ST	DELAWARE AVE	SHWY 1	8,461	Sep, 2013		
	SWIFT ST	SHWY 1	GRANDVIEW ST	2,678	Sep, 2013		
	SWIFT ST	W CLIFF DR	DELAWARE AVE	1,718	Sep, 2013		
	THIRD ST	BEACH ST	RIVERSIDE AVE	3,676	Oct, 2013		
	WALNUT AVE	SHWY 1	CHESTNUT ST	4,860	Sep, 2013		
	WALNUT AVE	KING ST	SHWY 1	2,348	Sep, 2013		
	WALNUT AVE	CENTER ST	PACIFIC AVE	2,196	Feb, 2015		
	WATER ST	N PACIFIC AVE	N BRANCFORTE AVE	20,448	Feb, 2015	21,170	Jul, 2011
	WATER ST	N BRANCFORTE AVE	POPLAR AVE	16,476	Oct, 2016	14,923	Jan, 2014
	Water St.	at	San Lorenzo Bridge	24,666	Oct, 2016		
	WEST CLIFF DR	SWANTON BLVD	BEACH ST	5,356	Sep, 2013		
	WESTERN DR	SHWY 1	MISSION	2,904	Oct, 2013		
	WESTERN DR	SHWY 1	HIGH ST	4,318	Sep, 2013		
	WOODROW AVE	W CLIFF DR	DELAWARE AVE	2,600	Oct, 2013		
	WOODROW AVE	DELAWARE AVE	ERRETT CIRCLE	3,738	Sep, 2013		
	YOUNGLOVE AVE	ERRETT CIRCLE	SHWY 1	1,598	Oct, 2013		

SV

	BEAN CREEK RD	SCOTTS VALLEY DR	CITY LIMIT	4,826	Feb, 2015		
	GLEN CANYON RD	GREEN HILLS RD	MT HERMON RD	4,603	Feb, 2015		
	GLENWOOD DR	SCOTT VALLEY DR	SHWY 17	8,724	Feb, 2015		
	GLENWOOD DR	SCOTT VALLEY DR	.13 N OF CANHAM RD	4,754	Feb, 2015	1,694	Feb, 2012
	Graham Hill Rd.	S/O	Tanner Heights Dr.	1,432	Feb, 2015		
	GREEN HILLS RD	GLEN CANYON RD	.90 N OF GLEN CYN R	2,471	Feb, 2015		
	HACIENDA DR	GLENWOOD DR	CASA WAY	1,032	Feb, 2015		
	LOCKWOOD LN	ESTRELLA DR	MT HERMON RD	3,774	Feb, 2015		
	LOCKWOOD LN	GRAHAM HILL RD	ESTRELLA DR	4,058	Jul, 2011		

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	MT HERMON RD	SCOTTS VALLEY RD	SHWY 17	27,648	Mar, 2015	33,242	Feb, 2012
	MT HERMON RD	LOCKWOOD LN	SCOTTS VALLEY RD	31,061	Feb, 2015		
	MT HERMON RD	.17 N OF LOCKHART	LOCKWOOD LN	22,606	Jul, 2015	19,891	Feb, 2012
	Mt. Hermon Rd.	N/O	Scotts Valley Dr.	33,742	Oct, 2016	38,028	Oct, 2014
	SCOTT VALLEY DR	MT HERMON RD	GLENWOOD DR	21,668	Oct, 2016	16,542	Feb, 2015
	SR 17	SCOTT VALLEY ROAD INT	GRANITE CREEK ROAD	57,985	Jan, 2014		
	WHISPERING PINES D	LOCKWOOD LN	MT HERMON RD	4,759	Feb, 2015		

W

	2ND ST	WALKER ST	UNION ST	3,247	Feb, 2015		
	AIRPORT BLVD	ROACHE RD	FREEDOM BLVD	18,190	Feb, 2015	19,607	Jul, 2011
	AIRPORT BLVD	FREEDOM BLVD	CL .22 N/ FREEDOM BLV	16,460	Feb, 2015		
	AIRPORT BLVD	SHWY 1	ROSS AVE	16,608	Feb, 2015	18,071	Jul, 2011
	AIRPORT BLVD	ROSS AVE	ROACHE RD	18,438	Feb, 2015	19,542	Jul, 2011
	ALTA VISTA AVE	ARTHUR RD	FREEDOM BLVD	4,868	Feb, 2015		
	ARTHUR RD	ALTA VISTA AVE	FREEDOM BLVD	1,916	Feb, 2015		
	ARTHUR RD	MARIN ST	ALTA VISTA AVE	6,222	Feb, 2015		
	ATKINSON LN	FREEDOM BLVD	MATA RD	1,464	Feb, 2015		
	AUTO CENTER DRIVE	SHWY 152	MARIN ST	8,458	Feb, 2015		
	AUTO CENTER DRIVE	SHWY 152	MARIN ST	8,458	Feb, 2015		
	BEACH RD	BLACKBURN ST	HUSHBECK AVE	1,268	Feb, 2015		
	BECK ST	SHWY 152	BRIDGE ST	1,970	Feb, 2015		
	BLACKBURN ST	RIVERSIDE SH129	BEACH ST	4,455	Feb, 2015	4,537	Jul, 2011
	BLACKBURN ST	BEACH ST	LAKE AVE SHWY 152	4,106	Feb, 2015	4,498	Jul, 2011
	BRENNAN ST	LAKE AVE SHWY152	FREEDOM BLVD	7,274	Feb, 2015	6,496	Jul, 2011
	BRENNAN ST	LAKE AVE SHWY152	FREEDOM BLVD	7,274	Feb, 2015	6,496	Jul, 2011
	BREWINGTON AVE	MARTINELLI ST	CRESTVIEW DRT	1,898	Feb, 2015		
	BRIDGE ST	RIVERSIDE DR (129)	CEDAR DR	6,828	Feb, 2015		
	BRIDGE ST	CEDAR DR	SHWY 152	2,443	Feb, 2015		
	BRONSON ST	WAGNER ST	MARTINELLI RD	101	Feb, 2015		
	CARR ST	E BEACH ST	W LAKE AVE	1,987	Mar, 2015		
	CHAPPELL RD	SUNNYHILLS DR	ROSS AVE	1,014	Feb, 2015		
	CHAPPELL RD	SUNNYHILLS DR	ROSS AVE	7,372	Feb, 2015		
	CLIFFORD AVE	.03 S OF FREEDOM BL	FREEDOM BLVD	5,964	Feb, 2015		
	CLIFFORD AVE	.20 N OF PA DR	.03 S OF FREEDOM BL	2,618	Feb, 2015		
	CLIFFORD AVE	PENNSYLVANIA DR	.20 N OF PA DR	6,113	Feb, 2015		
	CLIFFORD AVE	MAIN ST152	PENNSYLVANIA DR	9,802	Feb, 2015		
	CRESTVIEW DR	FREEDOM BLVD	.25 E OF FREEDOM BL	4,414	Mar, 2015		
	EAST BEACH ST	LINCOLN ST	BLACKBURN ST	4,819	Feb, 2015		

AREA	STREET:	From Street	To Street	Latest Count	Date	Prev Count	Date
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	FORD ST	RODRIGUEZ ST	MAIN ST	2,514	Feb, 2015		
	FREEDOM BLVD	COMPTON TERRACE	GREEN VALLEY RD	18,368	Jul, 2011		
	FREEDOM BLVD	COMPTON TERRACE	GREEN VALLEY RD	13,167	Feb, 2015	18,047	May, 2011
	FREEDOM BLVD	MILES LN	MAIN ST (HWY 152)	25,710	Feb, 2015	16,738	Jul, 2011
	FREEDOM BLVD	GREEN VALLEY RD	LINCOLN STREET	26,418	Oct, 2016	21,973	Feb, 2015
	GREEN VALLEY RD	MAIN ST	LAWRENCE RD	16,154	Feb, 2015	17,522	Jul, 2011
	GREEN VALLEY RD	FREEDOM BLVD	.15M S/HOLAHAN RD	18,572	Feb, 2015		
	GREEN VALLEY RD	LAWRENCE RD	FREEDOM	22,834	Oct, 2016	20,762	Feb, 2015
	GREEN VALLEY RD	LAWRENCE RD	FREEDOM BLVD	18,292	Jul, 2011		
	GREEN VALLEY RD	HARKINS SLOUGH RD	MAIN ST	13,502	Feb, 2015	15,198	Jul, 2011
	HAMMER DR	PENNSYLVANIA RD	ARTHUR RD	6,661	Feb, 2015		
	HARKINS SLOUGH RD	GREEN VALLEY RD	WALKER ST	9,910	Feb, 2015		
	HARVEST DR	RIVERSIDE DR	W BEACH ST	1,074	Feb, 2015		
	HILL AVE	PALM AVE	TUTTLE AVE	1,024	Feb, 2015		
	HOLM RD	JEANETTE WY	SUNNYHILLS DR	2,952	Feb, 2015		
	HOLM RD	MAIN ST152	JEANETTE WY	3,202	Feb, 2015		
	Holm Rd.	N/O	Westgate	4,118	May, 2011		
	HUSHBECK AVE	SHWY 152	BRIDGE ST	3,323	Feb, 2015		
	INDUSTRIAL RD	ROUTE 129	W BEACH ST	2,233	Feb, 2015	2,216	Jul, 2011
	Lake Ave.	N/O	Wagner Ave.	16,960	May, 2011		
	LEE RD	W BEACH ST	URL.6M N/W BEACH ST	2,668	Feb, 2015		
	LINCOLN	RIVERSIDE DR(SH 129)	LAKE AVE	2,876	Feb, 2015		
	LINCOLN	.13M SE/SHWY 129	SHWY 129	235	Feb, 2015		
	LINCOLN ST	LAKE AVE	FREEDOM BLVD	6,344	Feb, 2015		
	LOMA PRIETA RD	.11 N OF GRN VLY RD	AIRPORT BLVD	4,482	Feb, 2015		
	MAIN ST	MON CO LINE	BEACH ST	12,844	Feb, 2015	17,375	Jul, 2011
	Main St.	E/O	Green Valley Rd.	31,306	May, 2011		
	MAPLE AVE	UNION ST	BLACKBURN ST	1,385	Feb, 2015		
	MARCHANT ST	W FRONT ST	E BEACH ST	1,836	Feb, 2015		
	MARIN ST	AUTO CENTER DRIVE	FREEDOM BLVD	4,557	Feb, 2015		
	MARTINELLI ST	FREEDOM BLVD	SHWY 152	4,782	Feb, 2015		
	OHLONE PKWY	HARKINS SLOUGH	WEST BEACH ST.	4,676	Feb, 2015		
	OHLONE PKWY	MAIN ST	HARKINS SLOUGH RD	14,400	Feb, 2015	13,521	Feb, 2012
	PALM AVE	BRENNAN ST	SHWY 152	2,348	Feb, 2015		
	PENNSYLVANIA RD	MAIN ST 152	GREEN VALLEY RD	6,306	Feb, 2015		
	Riverside Dr.	E/O	Blackburn St.	14,561	May, 2011		
	RODRIGUEZ ST	W BEACH ST	RIVERSIDE DR-SHWY12	6,994	Feb, 2015		
	RODRIGUEZ ST	MAIN ST (SHWY152)	W LAKE AVE	6,583	Oct, 2016	18,210	Feb, 2015

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	RODRIGUEZ ST	W LAKE AVE	W BEACH ST	6,966	Feb, 2015		
	ROSS AVE	CHAPPELL RD	AIRPORT BLVD	230	Feb, 2015		
	SR 1	JCT. RTE. 152	WATSONVILLE AIRPORT	56,813	Jan, 2014		
	SR 152	WATSONVILLE JCT. RTE.	GREEN VALLEY RD	28,734	Jan, 2014		
	SR 152	WATSONVILLE FREEDOM	WATSONVILLE MAIN ST	21,264	Jan, 2014		
	STANFORD ST	LINCOLN ST	RODGERS AVE	5,158	Feb, 2015		
	SUDDEN ST	W LAKE AVE	PALM AVE	468	Feb, 2015		
	TUTTLE AVE	E LAKE AVE 152	BRIDGE ST	2,843	Feb, 2015		
	TUTTLE AVE	RODGERS AVE	E LAKE AVE 152	4,376	Feb, 2015		
	UNION ST	E BEACH ST	W LAKE AVE	6,923	Feb, 2015		
	UNION ST	RIVERSIDE DR 129	E BEACH ST	7,088	Oct, 2016	4,568	Feb, 2015
	W FRONT ST	UNION ST	MARCHANT ST	466	Feb, 2015		
	W FRONT ST	WALKER ST	UNION ST	422	Feb, 2015		
	WAGNER AVE	.13 W OF MOJAVE ST	LAKE AVE SHWY 152	383	Feb, 2015		
	WALKER ST	HARKINS SLOUGH RD	SHWY 129	9,790	Feb, 2015		
	WEST BEACH ST	WALKER ST	MAIN ST	5,190	Feb, 2015	5,251	Jul, 2011
	WEST BEACH ST	HARVEST DR	WALKER ST	6,874	Feb, 2015		
	WEST BEACH ST	URL .07 W/LEE RD	INDUSTRIAL RD	5,228	Jul, 2015	6,346	Feb, 2012
	WEST BEACH ST	HARVEST DR	WALKER ST	6,543	Feb, 2012		
	WEST BEACH ST	URL .07M W/LEE RD	INDUSTRIAL ROAD	5,439	Feb, 2015	6,385	May, 2011
	WEST BEACH ST	INDUSTRIAL ROAD	HARVEST DR	6,232	Feb, 2015	7,044	Jul, 2011
	WEST LAKE AVE	RODRIGUEZ ST	MAIN ST	4,616	Feb, 2015		
	WEST LAKE AVE	WALKER ST	RODRIGUEZ ST	3,296	Mar, 2015		



Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length: 745.61 Feet

Ground Length: 745.61

Heading: 179.53 degrees

Mouse Navigation Save Clear

2840 Park Ave

Google Earth



Ruler

Line	Path	Polygon	Circle	3D path	3D polygon
Measure the distance between two points on the ground					
Map Length:	867.23		Feet		
Ground Length:	867.39				
Heading:	331.49		degrees		
<input checked="" type="checkbox"/> Mouse Navigation			Save	Clear	

2840 Park Ave

Google Earth

36°59'13.54" N 121°56'06.97" W elev: 179 ft eye alt: 2190 ft



Ruler

Line	Path	Polygon	Circle	3D path	3D polygon
Measure the distance between two points on the ground					
Map Length:		199.42 Feet			
Ground Length:		199.60			
Heading:		282.63 degrees			
<input checked="" type="checkbox"/> Mouse Navigation					
				Save	Clear

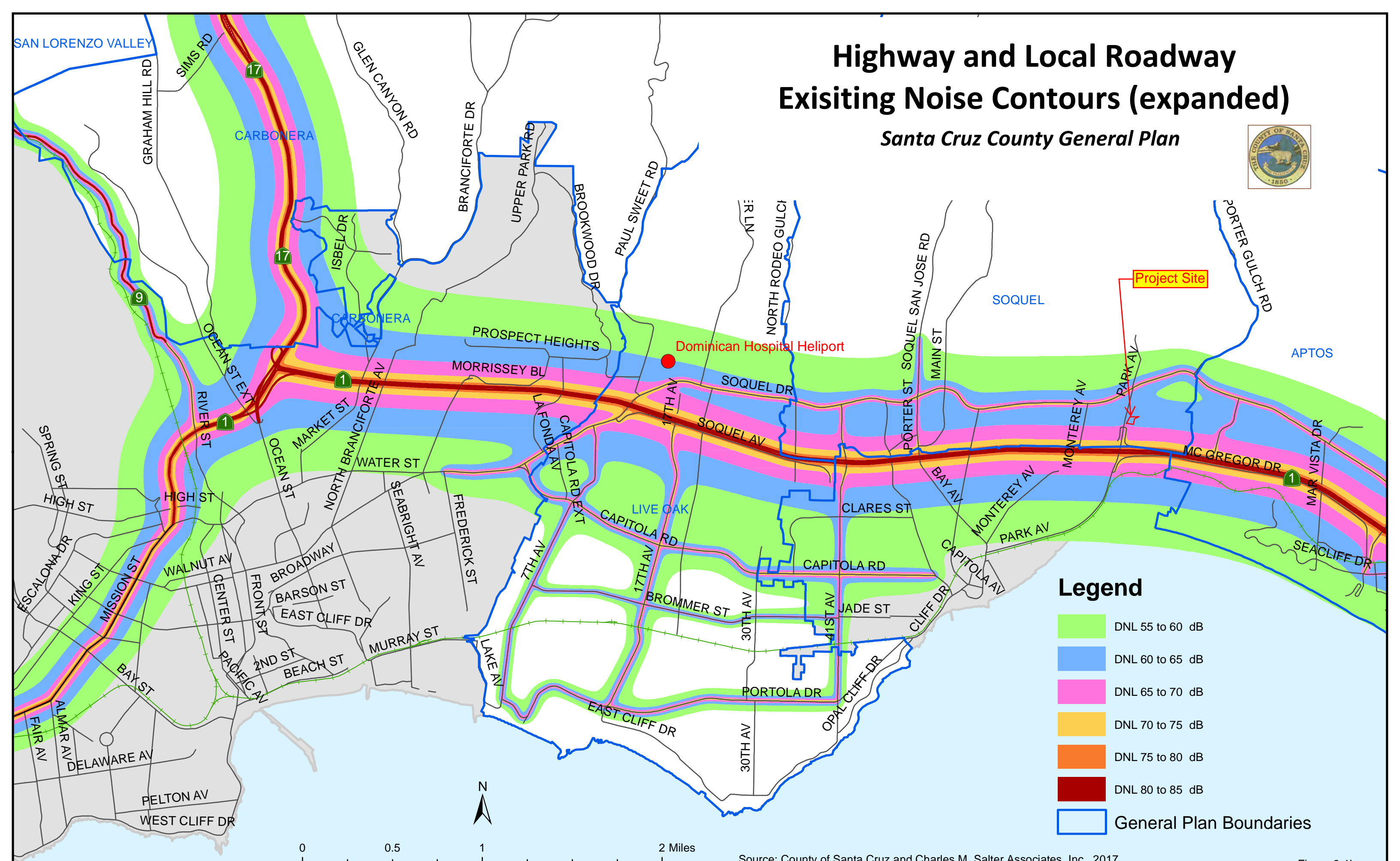
Google Earth

1985

36°50'11.14" N, 121°56'11.41" W, elev: 132 ft, eye alt: 2100 ft

Highway and Local Roadway Existing Noise Contours (expanded)

Santa Cruz County General Plan



Legend

- DNL 55 to 60 dB
- DNL 60 to 65 dB
- DNL 65 to 70 dB
- DNL 70 to 75 dB
- DNL 75 to 80 dB
- DNL 80 to 85 dB
- General Plan Boundaries

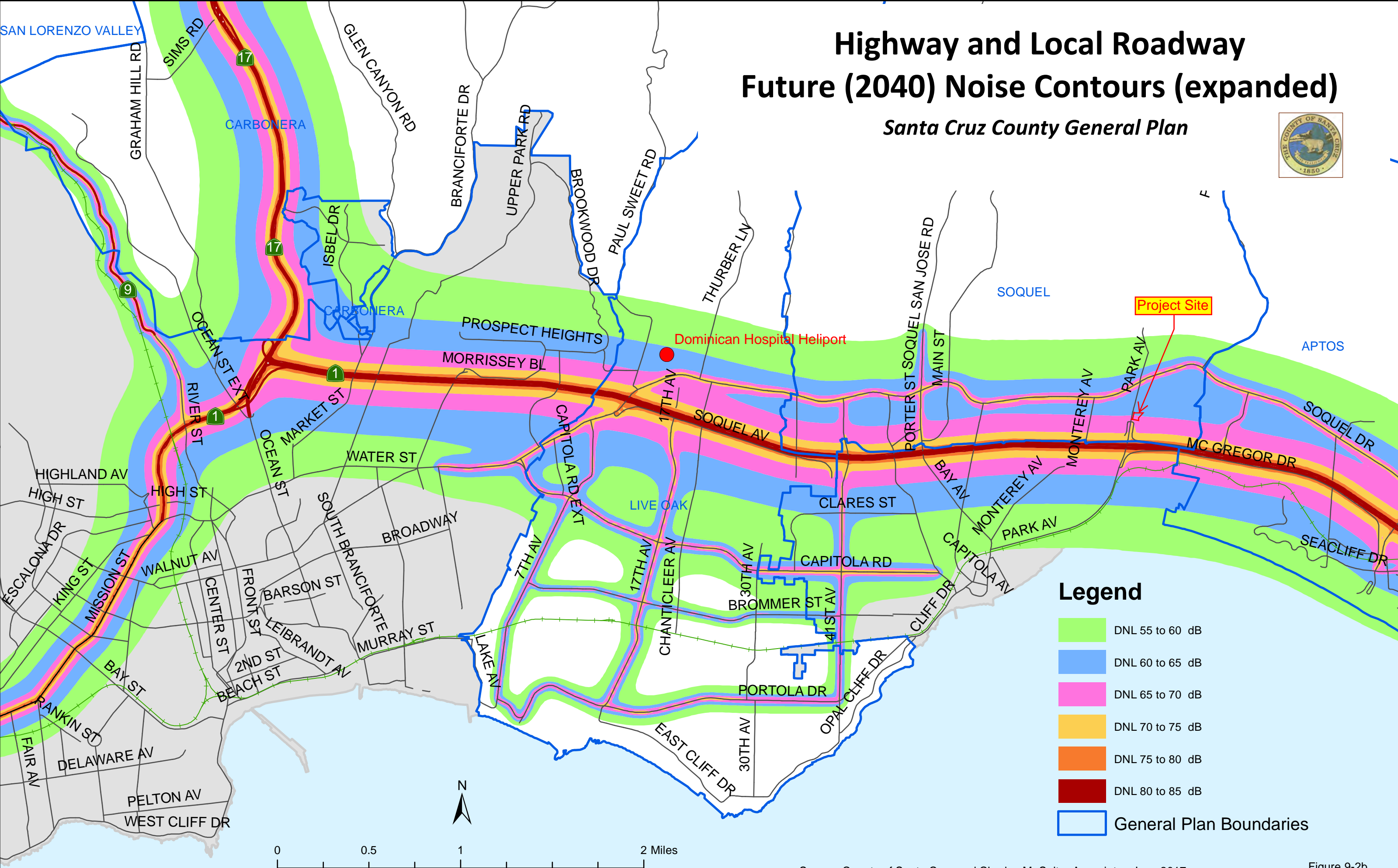


Source: County of Santa Cruz and Charles M. Salter Associates, Inc., 2017

Figure 9-1b

Highway and Local Roadway Future (2040) Noise Contours (expanded)

Santa Cruz County General Plan



Legend

- DNL 55 to 60 dB
- DNL 60 to 65 dB
- DNL 65 to 70 dB
- DNL 70 to 75 dB
- DNL 75 to 80 dB
- DNL 80 to 85 dB
- General Plan Boundaries



2840 Park Ave

Ruler

Line	Path	Polygon	Circle	3D path	3D polygon
Measure the distance between two points on the ground					
Map Length:	1,265.12	Feet			
Ground Length:	1,265.70				
Heading:	181.70	degrees			

Mouse Navigation

© 2022 Google

Google Earth

36°59'03.36" N 121°56'01.23" W elev. 131 ft eye alt. 3141 ft

1985

Home (/) > Programs (/programs/) > Environmental Review (/programs/environmental-review/) > DNL Calculator


DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	2838 Park Ave, Soquel, CA - 2020 CalTrans AADT
Record Date	01/16/2022 
User's Name	Roy Hastings
Road # 1 Name:	Highway 1 at Soquel Avenue

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="745"/>	<input type="text" value="745"/>	<input type="text" value="745"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="55"/>	<input type="text" value="55"/>	<input type="text" value="55"/>
Average Daily Trips (ADT)	<input type="text" value="81780"/>	<input type="text" value="4124"/>	<input type="text" value="1096"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text" value="15"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>
Vehicle DNL	<input type="text" value="59"/>	<input type="text" value="56"/>	<input type="text" value="56"/>
Calculate Road #1 DNL	<input type="text" value="62"/>	<input type="button" value="Reset"/>	

Airport Noise Level

Loud Impulse Sounds? Yes No

Combined DNL for all Road and Rail sources

Combined DNL including Airport

Site DNL with Loud Impulse Sound

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

AutoSave ON 2019-truck-aadt • Last Modified: 9m ago Search (Alt+Q) Roy Hastings RH

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Normal Bad Good Neutral Calculation Check Cell Explanatory... Input

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RTE	RTE_SFX	DIST	CNTY	POSTMILE_PFX	POSTMILE	POSTMILE_SFX	LEG	DESCRIPTION	VEHICLE_AADT_TOTAL	TRUCK_AADT_TOTAL	TRK_PERCENT_TOT	TRK_2_AXLE	TRK_3_AXLE	TRK_4_AXLE	TRK_5_AXLE	TRK_2_AXLE_PCT	TRK_3_AXLE_PCT	TRK_4_AXLE_PCT	TRK_5_AXLE_PCT	EAL	YEAR_YER	EST
77	001	05	MON	R	78.119		A	MONTEREY, JCT. RTE. 68 EAST	35100	1755	5	1053	333	105	263	60.00	19.00	6.00	15.00	174	17	E
78	001	05	MON	R	79.357		B	SEASIDE, JCT. RTE. 218	46600	2330	5	1375	419	140	396	59.00	18.00	6.00	17.00	244	17	E
79	001	05	MON	R	79.357		A	SEASIDE, JCT. RTE. 218	47700	2385	5	1336	453	143	453	56.00	19.00	6.00	19.00	266	17	E
80	001	05	MON	R	80.679		A	ORD VILLAGE INTERCHANGE	53600	2680	5	1420	536	107	616	53.00	20.00	4.00	23.00	327	17	E
81	001	05	MON	R	89.185		O	SALINAS RIVER BRIDGE, CASTROVILLE, SOUTH	45200	3164	7	1329	380	190	1266	42.00	12.00	6.00	40.00	546	17	E
82	001	05	MON	R	90.979		B	CASTROVILLE, JCT. RTE. 156 WEST	48200	3856	8	1388	617	307	1544	36.00	16.00	7.97	40.03	683	17	E
83	001	05	MON	R	90.979		A	CASTROVILLE, JCT. RTE. 156 WEST	20400	1836	9	826	257	110	643	45.00	14.00	6.00	35.00	291	17	E
84	001	05	MON	T	92.213		A	CASTROVILLE, JCT. RTE. 183	29100	2910	10	1426	378	146	960	49.00	13.00	5.00	33.00	437	17	E
85	001	05	MON	T	101.04		B	SALINAS/PAJARO ROADS	33300	3663	11	1722	476	220	1245	47.00	13.00	6.00	34.00	566	17	E
86	001	05	MON	T	101.04		A	SALINAS/PAJARO ROADS	22900	2519	11	1209	302	151	856	48.00	12.00	6.00	34.00	388	17	E
87	001	05	SCR	R	0.716		B	JCT. RTE. 129	39200	3920	10	1803	510	196	1411	46.00	13.00	5.00	36.00	626	17	E
88	001	05	SCR	R	0.716		A	JCT. RTE. 129	40400	3232	8	1842	420	129	840	57.00	13.00	4.00	26.00	412	17	E
89	001	05	SCR	R	2.683		B	JCT. RTE. 152	30000	2700	9	1571	297	162	670	58.17	11.00	6.00	24.83	337	17	E
90	001	05	SCR	R	2.683		A	JCT. RTE. 152	51900	2595	5	1687	337	104	467	65.00	13.00	4.00	18.00	266	17	E
91	001	05	SCR	R	14.864		A	SOQUEL AVENUE	93400	5604	6	3531	897	280	897	63.00	16.00	5.00	16.00	557	17	E
92	001	05	SCR	R	16.821		B	SANTA CRUZ, JCT. RTE. 17 NORTH	86800	4340	5	2734	564	217	825	63.00	13.00	5.00	19.00	464	17	E
93	001	05	SCR	R	16.821		A	SANTA CRUZ, JCT. RTE. 17 NORTH	59100	2955	5	1719	384	148	704	58.17	13.00	5.00	23.83	360	17	E
94	001	05	SCR	R	20.611		A	SANTA CRUZ, NORTH CITY LIMITS	14600	1314	9	644	250	39	381	49.00	19.00	3.00	29.00	183	17	E
95	001	05	SCR	R	30.44		B	LANDING/SWANTON ROADS	9800	570	6	274	29	29	239	48.00	5.00	5.00	42.00	99	17	E
96	001	04	SM	R	18.189		B	JCT. RTE. 84 EAST	6800	344	5.06	173	9	2	160	50.15	2.74	0.61	46.50	62	04	V
97	001	04	SM	R	18.189		A	JCT. RTE. 84 EAST	7600	585	7.7	281	82	12	211	48.03	13.98	1.97	36.02	92	04	V
98	001	04	SM	R	26.432		B	MIRAMONTES POINT ROAD	9100	456	5.01	279	34	7	135	61.22	7.48	1.59	29.71	60	04	V
99	001	04	SM	R	29.036		B	HALF MOON BAY, JCT. RTE. 92 EAST	31000	818	2.64	515	63	12	228	62.98	7.71	1.41	27.89	104	04	V
100	001	04	SM	R	29.036		A	HALF MOON BAY, JCT. RTE. 92 EAST	28000	890	3.18	491	163	58	178	55.13	18.30	6.53	20.05	102	04	V
101	001	04	SM	R	35.334		B	VALLEMAR/ETHELDORE STREETS	17000	1292	7.6	869	162	78	184	67.26	12.53	6.00	14.21	120	04	V
102	001	04	SM	R	40.959		A	PACIFICA, LINDA MAR BOULEVARD	37100	1002	2.7	608	209	39	145	60.72	20.86	3.94	14.48	96	07	V
103	001	04	SM	R	43.464		B	PACIFICA, SHARP PARK ROAD INTERCHANGE	53000	1065	2.01	671	137	88	168	63.05	12.90	8.29	15.76	107	04	V
104	001	04	SM	R	46.722		B	DALY CITY, JCT. RTE. 35	55000	1089	1.98	683	232	29	145	62.71	21.28	2.69	13.33	100	04	V
105	001	04	SM	R	46.722		A	DALY CITY, JCT. RTE. 35	78000	1318	1.69	743	127	12	436	56.40	9.63	0.91	33.06	190	07	V
106	001	04	SM	R	47.802		B	SOUTH JCT. RTE. 280	83000	515	0.62	398	60	6	52	77.19	11.62	1.10	10.09	38	04	V
107	001	04	SM	R	48.359		A	NORTH JCT. RTE. 280	101000	1384	1.37	939	212	41	192	67.82	15.29	2.99	13.90	125	08	V
108	001	04	SF	R	1.897		A	SAN FRANCISCO, JCT. RTE. 35	74200	1187	1.6	809	62	43	273	68.15	5.20	3.64	23.01	135	04	V
109	001	04	SF	R	4.05		B	SAN FRANCISCO, LINCOLN WAY	74200	1158	1.56	793	120	11	233	68.50	10.37	0.99	20.14	121	04	V
110	001	04	SF	R	7.077		B	JCT. RTE. 101	65800	1448	2.2	1129	153	32	133	78.00	10.60	2.20	9.20	104	01	E

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Clipboard Font Alignment Number Styles Cells Editing Analysis

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Number: \$, %, , +.00, -0.00

Styles: Normal, Bad, Good, Neutral, Calculation, Check Cell, Explanatory..., Input

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select, Analyze Data

AUTOSAVE TURNED OFF This workbook contains features that prevent it from using AutoSave. Please save your workbook manually.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
73	001	05	MON			72.921	A	CARMEL VALLEY ROAD, CARMEL, SOUTH		36500	1825	5.00	1,241	402	128	55	68.00	22.00	7.00	3.00	118	17	E					
74	001	05	MON			75.135	B	JCT. RTE. 68, CARMEL- PACIFIC GROVE		44500	2225	5.00	1,491	445	177	112	67.00	20.00	7.97	5.03	158	17	E					
75	001	05	MON			75.135	A	JCT. RTE. 68, CARMEL- PACIFIC GROVE		45500	1820	4.00	1,110	437	145	128	61.00	24.00	7.97	7.03	145	17	E					
76	001	05	MON R			78.119	B	MONTEREY, JCT. RTE. 68 EAST		58000	2900	5.00	1,856	638	231	175	64.00	22.00	7.97	6.03	218	17	E					
77	001	05	MON R			78.119	A	MONTEREY, JCT. RTE. 68 EAST		34000	1700	5.00	1,020	323	102	255	60.00	19.00	6.00	15.00	168	17	E					
78	001	05	MON R			79.357	B	SEASIDE, JCT. RTE. 218		46500	2325	5.00	1,372	419	140	395	59.00	18.00	6.00	17.00	243	17	E					
79	001	05	MON R			79.357	A	SEASIDE, JCT. RTE. 218		48000	2400	5.00	1,344	456	144	456	56.00	19.00	6.00	19.00	267	17	E					
80	001	05	MON R			80.679	A	ORD VILLAGE INTERCHANGE		62000	3100	5.00	1,643	620	124	713	53.00	20.00	4.00	23.00	379	17	E					
81	001	05	MON R			89.185	O	SALINAS RIVER BRIDGE, CASTROVILLE, SOUTH		37500	2625	7.00	1,103	315	158	1,050	42.00	12.00	6.00	40.00	453	17	E					
82	001	05	MON R			90.979	B	CASTROVILLE, JCT. RTE. 156 WEST		39500	3160	8.00	1,138	506	252	1,265	36.00	16.00	7.97	40.03	560	17	E					
83	001	05	MON R			90.979	A	CASTROVILLE, JCT. RTE. 156 WEST		23200	2088	9.00	940	292	125	731	45.00	14.00	6.00	35.00	330	17	E					
84	001	05	MON T			92.213	A	CASTROVILLE, JCT. RTE. 183		26500	2650	10.00	1,299	345	133	875	49.00	13.00	5.00	33.00	399	17	E					
85	001	05	MON T			101.040	B	SALINAS/PAJARO ROADS		28000	3080	11.00	1,448	400	185	1,047	47.00	13.00	6.00	34.00	476	17	E					
86	001	05	MON T			101.040	A	SALINAS/PAJARO ROADS		36500	4015	11.00	1,927	482	241	1,365	48.00	12.00	6.00	34.00	618	17	E					
87	001	05	SCR R			0.716	B	JCT. RTE. 129		38000	3800	10.00	1,748	494	190	1,368	46.00	13.00	5.00	36.00	607	17	E					
88	001	05	SCR R			0.716	A	JCT. RTE. 129		36500	2920	8.00	1,664	380	117	759	57.00	13.00	4.00	26.00	372	17	E					
89	001	05	SCR R			2.683	B	JCT. RTE. 152		27500	2475	9.00	1,440	272	149	615	58.17	11.00	6.00	24.83	310	17	E					
90	001	05	SCR R			2.683	A	JCT. RTE. 152		52000	2600	5.00	1,690	338	104	468	65.00	13.00	4.00	18.00	267	17	E					
91	001	05	SCR			14.864	A	SOQUEL AVENUE		87000	5220	6.00	3,289	835	261	835	63.00	16.00	5.00	16.00	518	17	E					
92	001	05	SCR			16.821	B	SANTA CRUZ, JCT. RTE. 17 NORTH		60000	3000	5.00	1,890	390	150	570	63.00	13.00	5.00	19.00	321	17	E					
93	001	05	SCR			16.821	A	SANTA CRUZ, JCT. RTE. 17 NORTH		49500	2475	5.00	1,440	322	124	590	58.17	13.00	5.00	23.83	302	17	E					
94	001	05	SCR			20.611	A	SANTA CRUZ, NORTH CITY LIMITS		13000	1170	9.00	573	222	35	339	49.00	19.00	3.00	29.00	163	17	E					
95	001	05	SCR			30.440	B	LANDING/SWANTON ROADS		9000	540	6.00	259	27	27	227	48.00	5.00	5.00	42.00	94	17	E					
96	001	04	SM			18.189	B	JCT. RTE. 84 EAST		5300	268	5.06	134	7	2	125	50.15	2.74	0.61	46.50	49	04	V					
97	001	04	SM			18.189	A	JCT. RTE. 84 EAST		5900	454	7.70	218	63	9	164	48.03	13.98	1.97	36.02	71	04	V					
98	001	04	SM			26.432	B	MIRAMONTES POINT ROAD		7100	356	5.01	218	27	6	106	61.22	7.48	1.59	29.71	48	04	V					
99	001	04	SM			29.036	B	HALF MOON BAY, JCT. RTE. 92 EAST		24200	639	2.64	402	49	9	178	62.98	7.71	1.41	27.89	81	04	V					
100	001	04	SM			29.036	A	HALF MOON BAY, JCT. RTE. 92 EAST		21800	693	3.18	382	127	45	139	55.13	18.30	6.53	20.05	80	04	V					
101	001	04	SM			35.334	B	VALLEMAR/ETHELDORE STREETS		13300	1011	7.60	680	127	61	144	67.26	12.53	6.00	14.21	94	04	V					
102	001	04	SM			40.959	A	PACIFICA, LINDA MAR BOULEVARD		29000	783	2.70	475	163	31	113	60.72	20.86	3.94	14.48	75	07	V					
103	001	04	SM R			43.464	B	PACIFICA, SHARP PARK ROAD INTERCHANGE		41500	834	2.01	526	108	69	131	63.05	12.90	8.29	15.76	84	04	V					
104	001	04	SM R			46.722	B	DALY CITY, JCT. RTE. 35		43000	851	1.98	534	181	23	113	62.71	21.28	2.69	13.33	78	04	V					
105	001	04	SM R			46.722	A	DALY CITY, JCT. RTE. 35		61000	1031	1.69	581	99	9	341	56.40	9.63	0.91	33.06	148	07	V					
106	001	04	SM R			47.802	B	SOUTH JCT. RTE. 280		65000	403	0.62	311	47	4	41	77.19	11.62	1.10	10.09	30	04	V					
107	001	04	SM R			48.359	A	NORTH JCT. RTE. 280		79000	1082	1.37	734	165	32	150	67.82	15.29	2.99	13.90	97	08	V					
108	001	04	SF			1.897	A	SAN FRANCISCO, JCT. RTE. 35		57000	912	1.60	622	47	33	210	68.15	5.20	3.64	23.01	103	04	V					
109	001	04	SF			4.050	B	SAN FRANCISCO, LINCOLN WAY		57000	889	1.56	609	92	9	179	68.50	10.37	0.99	20.14	93	04	V					
110	001	04	SF			7.077	B	JCT. RTE. 101		51000	1122	2.20	875	119	25	103	78.00	10.60	2.20	9.20	81	01	E					
111	001	04	MRN			0.000	A	JCT. RTE. 101		30500	695	2.28	535	91	15	54	76.94	13.15	2.12	7.78	48	04	V					
112	001	04	MRN			0.650	B	TAMALPAIS JUNCTION, ALMONTE BOULEVARD		30500	454	1.49	282	54	20	97	62.18	11.97	4.41	21.43	51	04	V					
113	001	04	MRN			3.350	A	SOUTH JCT. PANORAMIC HIGHWAY		3600	30	0.82	28	2	0	0	93.10	6.90	0.00	0.00	1	04	V					
114	001	04	MRN			17.200	B	BOLINAS ROAD		2600	40	1.52	25	8	2	4	63.16	21.05	5.26	10.53	3	04	V					
115	001	04	MRN			26.509	A	SIR FRANCIS DRAKE BOULEVARD, SOUTH		3500	153	4.37	116	25	0	12	76.06	16.20	0.00	7.75	11	01	V					

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DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	2838 Park Ave, Soquel, CA - 2019 CalTrans AADT
Record Date	01/16/2022 
User's Name	Roy Hastings
Road # 1 Name:	Highway 1 at Soquel Avenue

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="745"/>	<input type="text" value="745"/>	<input type="text" value="745"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="55"/>	<input type="text" value="55"/>	<input type="text" value="55"/>
Average Daily Trips (ADT)	<input type="text" value="87796"/>	<input type="text" value="4428"/>	<input type="text" value="1176"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text" value="15"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>
Vehicle DNL	<input type="text" value="60"/>	<input type="text" value="57"/>	<input type="text" value="57"/>
Calculate Road #1 DNL	<input type="text" value="63"/>	<input type="button" value="Reset"/>	

Airport Noise Level

Loud Impulse Sounds? Yes No

Combined DNL for all Road and Rail sources

Combined DNL including Airport

Site DNL with Loud Impulse Sound

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

Chapter 13.15 NOISE PLANNING

Sections:

13.15.010 Purpose and intent.

13.15.020 Definitions.

13.15.030 Sound level assessment or measurement.

13.15.040 Exemptions.

13.15.050 General noise regulations and unlawful noise.

13.15.060 Special requirements for air conditioning/mechanical units in or near residential uses.

13.15.070 Noise generating land use.

13.15.080 Exterior noise standards.

13.15.090 Interior noise standards.

13.15.100 Acknowledgement of potential vibration from rail.

13.15.110 Administration and enforcement.

13.15.120 Severability.

13.15.010 Purpose and intent.

The purpose of this chapter is to recognize the relationship between noise and noise-sensitive land uses and the public health concerns associated with noise. The intent of the County is to reasonably regulate noise generation and noise exposures by applying standards through land use planning and permitting, incorporating mitigation into project design to prevent unhealthful conditions, and enforcement to address violation of permit conditions. [Ord. 5308 § 1, 2019].

13.15.020 Definitions.

The words and phrases defined in this chapter shall have the meanings respectively ascribed to them by this section.

(A) “Ambient noise level” means the all-encompassing noise level associated with a given environment, being a composite of sounds from all sources, excluding an alleged offensive noise, at the location and approximate time at which the comparison with the offensive noise is to be made. The ambient noise level constitutes the normal or existing level of environmental noise at a given location.

(B) “A-weighting” means applying a frequency filter to sound pressure level measurement to more closely correlate sound measurement with human hearing. A-weighting is a standard measurement for

environmental noise and is abbreviated “dBA.” If the frequency weighting method used is not stated, A-weighting shall apply.

- (C) “Construction” means any site preparation including grading, building, fabricating, assembly, substantial repair or similar action.
- (D) “Decibel (dB)” means a unit for measuring amplitude of a sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure, which is 20 micropascals (20 micronewtons per square meter).
- (E) “Emergency” means any occurrence or set of circumstances involving actual or imminent physical trauma or property damage which demands immediate action.
- (F) “Emergency generator” means a stationary combustion device, such as a reciprocating internal combustion engine or turbine that serves solely as a secondary source of mechanical or electrical power whenever the primary energy supply is disrupted or discontinued during power outages or natural disasters that are beyond the control of the owner or operator of a facility. An emergency generator operates only during emergency situations, for training of personnel under simulated emergency conditions, as part of emergency demand response procedures, or for standard performance testing procedures as required by law or by the generator’s manufacturer. A generator that serves as a back-up power source under conditions of load shedding, peak shaving, or power interruptions pursuant to an interruptible power service agreement, or scheduled facility maintenance shall not be considered an emergency generator.
- (G) “Emergency work” means work made necessary to restore property to a safe condition following a physical trauma or property damage caused by an emergency or work necessary to prevent or minimize damage from a potential emergency.
- (H) “Grading” means any excavating and/or filling of earth material to carry out any grading activities that require a permit under Chapter [16.20](#) SCCC.
- (I) “Ldn” means the A-weighted average sound level for a given area (measured in decibels) during a 24-hour period, with a 10 dB weighting applied to night time sound levels (10:00 p.m. to 7:00 a.m.).
- (J) “Minor maintenance and repair” means work required to keep property in good condition, with structures continuing to exist at the location, size and configuration as originally permitted and constructed.
- (K) “Noise” means any sound which unacceptably exceeds the appropriate actual or presumed ambient noise level, or which causes or tends to cause an adverse psychological or physiological effect on humans. Some noises may also be defined as intrusive noise, offensive noise and/or a noise disturbance.
- (L) “Noise source” means a disturbance-causing operation which originates from a noise-generating mechanism. An example of a noise source is the combination of a motor, pump and compressor.
- (M) “Noise sphere” (also known as a “noisiness zone”) means a geographic area within a community where ambient noise levels are generally similar, within a range of five dB, such that sites within the sphere are of comparable proximity to major noise sources. Noise contours generally define different noise spheres or noisiness zones.

(N) "Sound" means an oscillation in air pressure. The description of sound may include any characteristic of such sound, including duration, intensity and frequency.

(O) "Sound level" means the weighted sound pressure level obtained by the use of a sound level meter and frequency weighing network, such as A, B or C, as specified in American National Standards Institute specifications for sound level meter ANSI/ASA S1.4-2014 or the latest approved revision thereof. If the frequency weighing method used is not stated, the A-weighing shall apply.

(P) "Sound level meter" means an instrument, including a microphone, an amplifier, an output meter, and frequency weighing networks for the measurement of sound levels which satisfies the requirements for Class I or Class II meters in American National Standards Institute specifications for sound level meters, ANSI/ASA S1.4-2014, or the most recent revision thereof, or an instrument that provides equivalent data.

(Q) "Sound pressure" means the instantaneous difference between the actual pressure and the average or barometric pressure at a given point in space, as produced by sound energy.

(R) "Sound pressure level" in decibels means 20 times the logarithm to the base 10 of the ratio of the pressure of this sound to the reference pressure, which reference pressure shall be explicitly stated.

Definitions of technical terms not defined herein shall be obtained from the American National Standard, "Acoustical Terminology" S1.1-2013 or the latest revision thereof. [Ord. 5308 § 1, 2019].

13.15.030 Sound level assessment or measurement.

(A) Sound or noise level assessments or measurements made to administer and enforce this chapter shall be conducted at the position or positions along the property line of the receiving land use closest to the noise source or where the noise level is highest. If practical, the ambient noise level shall be assessed or measured at the same location along the property line with the project noise source inoperative, or the ambient noise may be estimated by performing an assessment or measurement in the same noise sphere or general area of the source but at a sufficient distance that the project noise is inaudible.

(B) When determining the effectiveness of noise mitigation measures, the standards may be applied on the receptor side of the noise barriers or other property line noise mitigation measures. [Ord. 5308 § 1, 2019].

13.15.040 Exemptions.

(A) Noise sources normally and reasonably associated with construction, repair, remodeling, or grading of any real property, provided a permit has been obtained from the County as required, and provided said activities take place between the hours of 8:00 a.m. and 5:00 p.m. on weekdays unless the Building Official has in advance authorized said activities to start at 7:00 a.m. and/or continue no later than 7:00 p.m. Such activities shall not take place on Saturdays unless the Building Official has in advance authorized said activities, and provided said activities take place between 9:00 a.m. and 5:00 p.m. and no more than three Saturdays per month. Such activities shall not take place on Sunday or a federal holiday unless the Building Official has in advance authorized such work on a Sunday or federal holiday, or during earlier morning or later evening hours of a weekday or Saturday.

(B) Emergency Work. The provisions of this chapter shall not apply to the emission of sound for the purpose of alerting persons to the existence of an emergency or in the performance of emergency work.

- (C) Entertainment or Special Events. The provisions of this chapter shall not apply to those reasonable sounds emanating from authorized school bands, school athletic and school entertainment events, and occasional noncommercial private outdoor or indoor gatherings and community events, conducted between the hours of 8:00 a.m. and 10:00 p.m. or the applicable permitted timeframe, in compliance with Chapter [8.30](#) SCCC, Noise, (governing offensive noise) and as long as any applicable requirements for special event permits or temporary use permits are met.
- (D) Federal or State Preempted Activities. The provisions of this chapter shall not apply to any other activity the noise level of which is regulated by State or Federal law.
- (E) Minor Maintenance and Repairs to Residential Property. The provisions of this chapter shall not apply to noise sources associated with minor maintenance and repairs to property used for residential purposes, provided the activities take place between 8:00 a.m. and 5:00 p.m. and said activities are otherwise in compliance with Chapter [8.30](#) SCCC, Noise.
- (F) Right-of-Way Construction. The provisions of this chapter shall not apply to any work performed in right-of-ways when, in the opinion of the Public Works Director or their designee, such work will address traffic congestion and/or hazardous or unsafe conditions.
- (G) Public Health, Welfare and Safety Activities. The provisions of this chapter shall not apply to construction, maintenance and repair operations conducted by public agencies and/or utility companies or their contractors which are deemed necessary to serve the best interests of the public and to protect the public health, welfare and safety, including but not limited to trash collection, street sweeping, debris and limb removal, removal of downed wires, restoring electrical service, repairing traffic signals, unplugging sewers, vacuuming catch basins, repairing of damaged poles, removal of abandoned vehicles, repairing of water hydrants and mains, gas lines, oil lines, sewers, storm drains, roads, sidewalks, etc.
- (H) Agricultural and Farming Activities. Noise caused by normal and customary farming operations that are carried out on lands designated by the General Plan and zoned for commercial agricultural (CA) use.
- (I) Special Noise Regulations for Specific Types of Activities. The provisions of this chapter shall not apply to any noise from any specific type of activity for which special noise regulations are provided by any other provision of the County Code. [Ord. 5308 § 1, 2019].

13.15.050 General noise regulations and unlawful noise.

- (A) No use, except a temporary construction operation, shall be permitted which creates noise which is found by the Planning Commission not to conform to the noise parameters established by Table 9-2 and Table 9-3 of the Santa Cruz County General Plan beyond the boundaries of the project site at standard atmospheric pressure.
- (B) Backup emergency generators shall only be operated during power outages and for other temporary purposes. If the generator is located within 100 feet of a residential dwelling unit, noise attenuation measures shall be included to reduce noise levels to an A-weighted maximum exterior noise level of 60 dB at the property line and a maximum interior noise level of 45 dB within nearby residences.
- (C) The Santa Cruz County Code in general provides protections from the impacts of noise exposure. Specific noise standards for the specific uses identified below are found in the following sections of the SCCC:

Chapter [9.52](#) SCCC, Off-road motor vehicles.

SCCC [13.10.637](#)(B)(5), Wineries.

SCCC [13.10.658](#)(A)(2)(i), Recycling facilities.

SCCC [13.10.663](#)(B)(11), Wireless communication facilities.

SCCC [13.10.694](#)(H), Vacation rentals.

SCCC [16.54.050](#)(C)(1), Mining operations. [Ord. 5308 § 1, 2019].

13.15.060 Special requirements for air conditioning/mechanical units in or near residential uses.

Where the intruding noise source is a residential air-conditioning unit, or a commercial air-conditioning or other mechanical unit located within 100 feet of any building or place regularly used for sleeping purposes, that operates more or less continually and/or during most hours, the A-weighted exterior noise level when measured at any neighboring property line shall not exceed 60 dB for units installed before, and 55 dB for units installed after, the effective date of this chapter, and a maximum interior noise level of 45 dB within nearby residences. In permitting or designing buildings with air conditioning or mechanical units, such units shall be located away from rooms used for sleeping purposes and shall incorporate sound-attenuating measures if feasible, and/or shall provide mitigation for such rooms, such as sound-rated windows or other measures as approved by the Building Official. [Ord. 5308 § 1, 2019].

13.15.070 Noise generating land use.

(A) New commercial and industrial development that would increase noise levels above the normally acceptable range in Table 9-2 or the levels in Table 9-3 of the Santa Cruz County General Plan Noise Element shall require acoustic studies to determine the noise reduction requirements to be included as conditions of approval. Noise levels shall not exceed the standards in Table 9-3, and require, as conditions of approval, site design and sound reducing measures if the project would:

- (1) Increase the noise level at existing noise-sensitive receptors or areas by five dB Ldn or more, where the post-project Ldn would remain equal to or below 60 dB.
- (2) Increase the noise level at existing noise-sensitive receptors or areas by three dB Ldn or more, where the post-project Ldn would exceed 60 dB.

(B) The standards in this section shall not limit the ability of the County to impose conditions of approval on projects that increase noise levels at existing noise-sensitive receptors or areas by any amount. [Ord. 5308 § 1, 2019].

13.15.080 Exterior noise standards.

New development shall not be exposed to noise levels that exceed the normally acceptable levels in Table 9-2 of the Santa Cruz County General Plan Noise Element, which establishes acceptable through unacceptable ranges of noise exposure by land use. [Ord. 5308 § 1, 2019].

13.15.090 Interior noise standards.

(A) Noise insulation of new structures developed within the County of Santa Cruz shall comply with applicable requirements of Title 24 of the California Health and Safety Code, as may be amended from time to time and as adopted by the County of Santa Cruz within Chapter [12.10](#) SCCC, Building Regulations. Interior noise levels shall not exceed 45 dB Ldn in any habitable room in a residential structure or 50 dB Ldn in any nonresidential structure. To meet this standard, special sound insulating construction is required for the following types of projects:

- (1) New development activities located within the highway and local roadway future noise contour of 60 to 65 dB Ldn or higher in Figures 9-2a and 9-2b of the General Plan Noise Element.
- (2) New development activities located within the future noise contour band of 60 to 65 dB Ldn or higher for the Watsonville Municipal Airport in Figure 9-4 of the General Plan Noise Element.
- (3) As a condition of approval for all discretionary applications for new development in other areas where noise exposures are known to, or are determined to, exceed the standards in Table 9-2 and 9-3 of the General Plan Noise Element. Acoustical studies may be required to determine existing exterior noise levels and the level of sound insulation required. [Ord. 5308 § 1, 2019].

13.15.100 Acknowledgement of potential vibration from rail.

Prior to the issuance of any building permit for the expansion of any structure or the creation of any new structures within 200 feet of the Santa Cruz Branch Rail Line corridor or the Santa Cruz Big Trees and Pacific Rail corridor, the owner shall record a statement on the deed for the parcel acknowledging the property is located within an area subject to vibrations and noise from railway operations and, as a result, residents may experience inconvenience, annoyance, or discomfort arising from the vibrations and noise of such operations. [Ord. 5308 § 1, 2019].

13.15.110 Administration and enforcement.

(A) This chapter shall be administered by the Planning Department and land use decisionmakers as related to land use planning and issuance of development permits. Enforcement related to violations of land use development permits shall be primarily the responsibility of the Planning Department, with assistance from the County of Santa Cruz Sheriff's Office, particularly during non-standard office hours.

(B) It shall be unlawful for any person to exercise a development permit which authorized noise generating land use without complying with all of the conditions of such permit.

(C) A violation related to noise generation that is not allowed by a land use permit issued for a use or development may be grounds for the County to review, amend or revoke such permit as provided by the Zoning Ordinance in Chapter [13.10](#) SCCC and by SCCC Titles [18](#) and [19](#). [Ord. 5308 § 1, 2019].

13.15.120 Severability.

If any section, subsection, sentence, clause or phrase in this title is for any reason held to be invalid or unconstitutional by decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this title which shall remain in full force and effect. The Board of Supervisors hereby declares that it would have passed this title and each section, subsection, clause or phrase thereof irrespective of the fact that any one or more other sections, subsections, clauses or phrases may be declared invalid or unconstitutional. [Ord. 5308 § 1, 2019].

The Santa Cruz County Code is current through Ordinance 5375, passed August 24, 2021.

The Santa Cruz County Codes are provided here as a public service. This online version of the County Code should not be relied upon for legal determination. Official Santa Cruz County Codes are on file in the Office of the Clerk of the Board. The County of Santa Cruz is not liable for any omissions or inaccuracies and is not liable for any reliance on these codes by the reader. It is recommended that you consult official Santa Cruz County Codes in the Office of the Clerk of the Board.

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