

SAN BERNARDINO COUNTY - AREA A AERIAL LIDAR CONTROL

HORIZONTAL DATUM: North American Datum of 1983 (NAD83 2011.0)
PLANE COORDINATES: California Coordinate System of 1983, Zone 5
VERTICAL DATUM: North American Vertical Datum of 1988 (NAVD88 NGS Benchmarks)

STATION	NORTHING	EASTING	ELEVATION	DESCRIPTIONS
CHINO	1802262.62	6666852.41	544.29	LiDAR Base Stations
RANCHO	1851502.52	6689642.57	1042.49	LiDAR Base Stations
FAA L12 A	1854324.32	6819910.87	1511.53	LiDAR Base Stations
12 15	1863127.42	6822301.17	1546.84	Benchmarks
2A 41 73	1781893.04	6623076.21	420.98	Benchmarks
B1329	1837553.47	6804146.67	1379.24	Benchmarks
COLTC	1850773.80	6772201.55	1000.93	Benchmarks
CROSSING2	1935767.21	6718742.40	3121.61	Benchmarks
HARLEM RESET	1862160.48	6797955.14	1159.56	Benchmarks
IVF16	1829625.06	6845358.80	2380.10	Benchmarks
OCF108	1795362.35	6599534.26	443.33	Benchmarks
RF 56 A	1894695.74	6761044.60	1756.75	Benchmarks
RF22A	1875159.03	6689964.24	1659.60	Benchmarks
T581	1841445.01	6858798.23	3032.02	Benchmarks
UF223	1855280.08	6639133.09	1051.99	Benchmarks
UF625	1829774.60	6724602.11	883.68	Benchmarks
UF635	1853585.57	6719210.48	1135.29	Benchmarks
CLAR	1862513.67	6649814.70	----	CORS Stations
EWPP	1860639.67	6705286.88	----	CORS Stations
CRFP	1837814.30	6834427.10	----	CORS Stations
MSOB	1907327.62	6800420.04	----	CORS Stations
RTHS	1855454.41	6757465.84	----	CORS Stations
SNHS	1795945.15	6583322.43	----	CORS Stations
NOCO	1793440.82	6692255.95	----	CORS Stations
Notes: <i>CORS Stations listed above were held for horizontal Benchmarks listed above were listed for vertical</i>				

14203-0101
SAN BERNARDINO COUNTY LiDAR
AREA A QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
A101	1878621.73	6658973.00	2078.72	Urban Residential
A102	1858707.26	6652587.06	1244.00	Urban Residential
A103	1838783.27	6645224.36	837.18	Urban Residential
A104	1829366.18	6633192.08	1151.90	Urban Residential
A105	1817878.55	6642965.97	695.22	Urban Residential
A106	1805552.06	6635377.01	1441.02	Urban Residential
A107	1858757.87	6657933.86	1271.21	Urban Residential
A108	1837448.73	6658414.91	865.09	Urban Residential
A109	1822308.71	6658508.22	678.85	Urban Residential
A110	1803200.87	6658903.49	613.69	Urban Residential
A111	1879559.82	6680698.09	1935.68	Urban Residential
A112	1858949.55	6678384.15	1173.23	Urban Residential
A113	1837597.66	6678785.14	866.87	Urban Residential
A114	1878081.31	6701886.95	1767.98	Urban Residential
A115	1858797.50	6702270.15	1165.45	Urban Residential
A116	1837541.95	6701664.72	875.28	Urban Residential
A117	1878812.16	6723491.54	1629.44	Urban Residential
A118	1859944.52	6725079.57	1263.76	Urban Residential
A119	1838772.40	6726746.74	1020.04	Urban Residential
A120	1902489.08	6743016.04	2024.12	Urban Residential
A121	1879095.74	6744982.50	1570.93	Urban Residential
A122	1861468.32	6745610.86	1285.29	Urban Residential
A123	1838981.20	6746133.23	979.91	Urban Residential
A124	1879166.91	6763603.24	1363.80	Urban Residential
A125	1860626.87	6763651.37	1130.81	Urban Residential
A126	1836940.89	6763862.70	934.32	Urban Residential
A127	1879413.54	6784358.29	1281.70	Urban Residential
A128	1860020.03	6783382.00	1046.16	Urban Residential
A129	1838872.21	6784353.02	1359.45	Urban Residential
A130	1872252.08	6805338.01	1468.80	Urban Residential
A131	1862519.05	6804842.23	1234.43	Urban Residential

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SAN BERNARDINO COUNTY LIDAR
AREA A QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
A132	1839418.17	6805558.94	1356.67	Urban Residential
A133	1836176.83	6828741.95	2144.94	Urban Residential
A134	1849643.06	6855714.87	3009.78	Urban Residential
A135	1825985.91	6854253.21	2612.28	Urban Residential
A201	1835278.93	6751537.79	937.01	Open Terrain-Low Vegetation
A202	1831008.50	6754881.23	845.41	Open Terrain-Low Vegetation
A203	1833996.49	6762630.85	961.59	Open Terrain-Low Vegetation
A204	1834932.99	6770346.18	1083.69	Open Terrain-Low Vegetation
A205	1830657.07	6769819.23	1082.65	Open Terrain-Low Vegetation
A206	1827928.32	6692831.39	774.72	Open Terrain-Low Vegetation
A207	1827111.15	6682231.44	758.92	Open Terrain-Low Vegetation
A208	1827001.98	6668501.52	750.85	Open Terrain-Low Vegetation
A209	1816120.42	6656478.00	609.57	Open Terrain-Low Vegetation
A210	1816341.05	6668489.55	637.71	Open Terrain-Low Vegetation
A211	1817962.04	6684889.56	675.83	Open Terrain-Low Vegetation
A212	1819010.54	6693259.18	704.19	Open Terrain-Low Vegetation
A213	1807762.25	6662628.85	566.35	Open Terrain-Low Vegetation
A214	1807853.96	6678495.49	605.16	Open Terrain-Low Vegetation
A215	1797773.81	6672908.46	540.72	Open Terrain-Low Vegetation
A301	1801220.29	6666019.46	524.79	Dense Vegetation
A302	1800659.51	6668635.19	514.26	Dense Vegetation
A303	1799579.25	6665882.52	518.33	Dense Vegetation
A304	1799197.77	6667214.30	506.47	Dense Vegetation
A305	1798865.01	6669827.44	515.34	Dense Vegetation
A306	1798361.22	6667755.53	504.42	Dense Vegetation
A307	1796606.84	6668356.45	534.96	Dense Vegetation
A308	1797110.56	6671022.98	524.16	Dense Vegetation
A309	1795664.02	6670816.15	537.25	Dense Vegetation
A310	1795363.72	6668028.52	506.70	Dense Vegetation
A401	1816707.84	6629568.23	1074.52	Hilly-Scattered Vegetation
A402	1807179.22	6629584.16	975.18	Hilly-Scattered Vegetation

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SAN BERNARDINO COUNTY LIDAR
AREA A QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
A403	1802928.70	6645993.12	1163.20	Hilly-Scattered Vegetation
A404	1792185.09	6655949.10	1159.75	Hilly-Scattered Vegetation
A405	1778847.78	6659795.08	518.50	Hilly-Scattered Vegetation
A406	1833333.57	6776270.31	1563.03	Hilly-Scattered Vegetation
A407	1832028.56	6785143.69	1462.42	Hilly-Scattered Vegetation
A408	1836194.58	6796568.13	1376.97	Hilly-Scattered Vegetation
A409	1826436.99	6798592.91	2109.52	Hilly-Scattered Vegetation
A410	1830998.12	6807475.50	1407.92	Hilly-Scattered Vegetation
A411	1835765.17	6817342.05	1755.87	Hilly-Scattered Vegetation
A412	1825941.17	6816813.37	1783.15	Hilly-Scattered Vegetation
A413	1831425.61	6825511.75	2156.00	Hilly-Scattered Vegetation
A414	1825525.91	6828788.17	1895.54	Hilly-Scattered Vegetation
A415	1826280.79	6844109.08	2336.98	Hilly-Scattered Vegetation
A501	1886698.39	6660428.64	2451.57	Hilly-Scattered Vegetation
A502	1887674.70	6674121.02	2733.53	Hilly-Scattered Vegetation
A503	1885399.66	6682755.40	2746.32	Hilly-Scattered Vegetation
A504	1887517.99	6702811.45	2600.26	Hilly-Scattered Vegetation
A505	1895838.67	6728747.46	2231.56	Hilly-Scattered Vegetation
A506	1940664.84	6708936.53	3479.64	Hilly-Scattered Vegetation
A507	1917529.76	6722482.45	2601.92	Hilly-Scattered Vegetation
A508	1908850.62	6743687.42	2546.61	Hilly-Scattered Vegetation
A509	1905517.97	6770304.13	3774.13	Hilly-Scattered Vegetation
A510	1898023.06	6763428.58	2011.92	Hilly-Scattered Vegetation
A511	1891218.92	6777992.07	2042.69	Hilly-Scattered Vegetation
A512	1891299.37	6791423.30	2924.47	Hilly-Scattered Vegetation
A513	1884810.97	6809014.78	2183.60	Hilly-Scattered Vegetation
A514	1873926.68	6812619.69	2058.30	Hilly-Scattered Vegetation
A515	1869555.21	6833545.16	3121.67	Hilly-Scattered Vegetation
A516	1843777.05	6830641.99	1903.92	Hilly-Scattered Vegetation
A517	1870725.62	6869318.01	5370.99	Hilly-Scattered Vegetation
A518	1843741.36	6868626.62	3658.61	Hilly-Scattered Vegetation

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SAN BERNARDINO COUNTY LiDAR
AREA A QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
A519	1831022.91	6876515.08	3998.10	Hilly-Scattered Vegetation
A520	1856873.01	6882572.53	4895.27	Hilly-Scattered Vegetation
CHINO	1802262.62	6666852.41	544.29	Control
CLAR	1862513.67	6649814.70	1337.27	CORS
COLTC	1850773.80	6772201.55	1000.93	Control
CROSSING2	1935767.21	6718742.40	3121.61	Control
NOCO	1793440.82	6692255.95	725.91	CORS
OCF108	1795362.35	6599534.26	443.33	Control
RANCHO	1851502.52	6689642.57	1042.49	Control
RF56A	1894695.74	6761044.60	1756.75	Control
T581	1841445.01	6858798.23	3032.02	Control
UF223	1855280.08	6639133.09	1051.99	Control
UF625	1829774.60	6724602.11	883.68	Control

Horizontal: North American Datum 1983 (NAD83 2011.0), California Coordinate System Zone 5
Vertical: North American Vertical Datum 1988 (based on GEOID12A)

CHINO, CLAR (CORS), COLTC, CROSSING2, NOCO (CORS), OCF108, RANCHO, RF56A, T581, UF223 and UF625 were held in horizontal and vertical.

SAN BERNARDINO COUNTY - AREA B AERIAL LIDAR CONTROL

HORIZONTAL DATUM: North American Datum of 1983 (NAD83 2011.0)
PLANE COORDINATES: California Coordinate System of 1983, Zone 5
VERTICAL DATUM: North American Vertical Datum of 1988 (NAVD88 NGS Benchmarks)

STATION	NORTHING	EASTING	ELEVATION	DESCRIPTIONS
CROSSING2	1935767.21	6718742.40	3121.61	LiDAR Base Stations
ELAN	2027950.68	6740197.88	2933.69	LiDAR Base Stations
HPGN0804	2152863.93	6867259.05	2275.14	LiDAR Base Stations
MM	2078577.24	6801259.52	3009.39	LiDAR Base Stations
70422	1973529.40	6727920.82	3760.05	Benchmarks
B687	2157497.33	6854326.66	2125.85	Benchmarks
C1407	2062561.00	6758087.28	2549.91	Benchmarks
J41	1977124.27	6772345.43	3197.02	Benchmarks
R42	2116475.89	6799855.06	2298.54	Benchmarks
T1304	2017196.39	6775930.45	2762.46	Benchmarks
U1290	1962235.63	6742738.23	3814.41	Benchmarks
W41	2035178.79	6762564.83	2670.46	Benchmarks
W1137	2158355.69	6821924.31	2181.36	Benchmarks
W1304	2007334.64	6803433.59	2947.84	Benchmarks
Z1304	2000529.29	6821510.73	3001.72	Benchmarks
BSRY	2158142.77	6857846.10	----	CORS Stations
CJMS	1936985.49	6718878.15	----	CORS Stations
P470	1991209.58	6744367.92	----	CORS Stations
P586	2017796.34	6778350.77	----	CORS Stations
P588	2109020.55	6781577.66	----	CORS Stations
P589	2049439.16	6829370.41	----	CORS Stations
SCIA	2044003.12	6745731.01	----	CORS Stations
Notes: <i>CORS Stations listed above were held for horizontal Benchmarks listed above were held for vertical</i>				

14203-0102
SAN BERNARDINO COUNTY LIDAR
AREA B QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
B101	1950164.31	6731202.19	4248.95	Residential-Low Vegetation
B102	1962294.44	6748224.55	3720.67	Residential-Low Vegetation
B103	1962887.17	6769622.69	3324.72	Residential-Low Vegetation
B104	1984423.35	6808444.32	3070.25	Residential-Low Vegetation
B105	1984168.89	6787601.99	2911.18	Residential-Low Vegetation
B106	1984109.03	6766245.97	3196.44	Residential-Low Vegetation
B107	1983432.03	6742781.19	3489.49	Residential-Low Vegetation
B108	1976118.87	6732314.45	3670.72	Residential-Low Vegetation
B109	1992541.21	6727171.45	3438.91	Residential-Low Vegetation
B110	2004816.12	6766502.32	2974.91	Residential-Low Vegetation
B111	2005254.35	6786316.46	2801.13	Residential-Low Vegetation
B112	2005667.40	6808016.94	2945.67	Residential-Low Vegetation
B113	2023984.94	6810629.02	2923.72	Residential-Low Vegetation
B114	2025428.88	6785442.96	3043.13	Residential-Low Vegetation
B115	2021803.78	6766120.43	2834.59	Residential-Low Vegetation
B116	2007342.67	6732013.49	3176.59	Residential-Low Vegetation
B117	2011293.53	6741077.32	3091.30	Residential-Low Vegetation
B118	2015260.12	6731996.58	3069.75	Residential-Low Vegetation
B119	2020069.78	6740502.84	2995.82	Residential-Low Vegetation
B120	2030997.68	6734131.82	2895.32	Residential-Low Vegetation
B121	2039025.66	6741994.98	2855.29	Residential-Low Vegetation
B122	2033959.26	6752785.51	2893.07	Residential-Low Vegetation
B123	2044382.30	6744699.71	2830.81	Residential-Low Vegetation
B124	2091282.39	6756126.27	2469.87	Residential-Low Vegetation
B125	2094030.45	6760649.12	2430.79	Residential-Low Vegetation
B126	2100095.05	6759671.58	2445.18	Residential-Low Vegetation
B127	2140421.76	6844127.13	2523.64	Residential-Low Vegetation
B128	2142748.49	6863380.41	2192.77	Residential-Low Vegetation
B129	2150915.80	6856613.97	2185.27	Urban Residential
B130	2148215.68	6844226.30	2194.67	Open Terrain-Low Vegetation
B201	1931833.05	6757437.86	4125.31	Hilly-Scattered Vegetation

14203-0102
SAN BERNARDINO COUNTY LIDAR
AREA B QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
B202	1935313.58	6779875.90	3388.87	Hilly-Scattered Vegetation
B203	1945797.21	6789351.62	3128.11	Hilly-Scattered Vegetation
B204	1950543.80	6769450.16	3473.23	Hilly-Scattered Vegetation
B205	1950573.60	6759013.45	3579.86	Hilly-Scattered Vegetation
B206	1941424.14	6740622.73	3591.13	Hilly-Scattered Vegetation
B207	1954264.02	6754577.12	3494.88	Hilly-Scattered Vegetation
B208	1957929.79	6768280.41	3288.02	Hilly-Scattered Vegetation
B209	1953499.72	6780735.12	3321.17	Hilly-Scattered Vegetation
B210	1961879.16	6787704.77	2929.98	Hilly-Scattered Vegetation
B211	2029275.83	6773479.42	2720.08	Open Terrain-Low Vegetation
B212	2037544.00	6781809.40	2875.90	Open Terrain-Low Vegetation
B213	2037091.23	6773792.44	3039.63	Open Terrain-Low Vegetation
B214	2039791.58	6763686.11	2706.09	Open Terrain-Low Vegetation
B215	2050746.15	6759996.87	2620.63	Open Terrain-Low Vegetation
B216	2129916.86	6889650.66	2417.06	Open Terrain-Low Vegetation
B217	2137811.69	6881956.96	2108.88	Open Terrain-Low Vegetation
B218	2138278.08	6895190.50	2017.75	Open Terrain-Low Vegetation
B219	2145101.16	6895611.63	1986.44	Open Terrain-Low Vegetation
B301	1999273.90	6731987.99	3295.55	Open Terrain-Low Vegetation
B302	1999414.31	6751835.43	3183.14	Open Terrain-Low Vegetation
B303	2020612.05	6752693.15	2954.82	Open Terrain-Low Vegetation
B304	2020440.10	6731898.21	3005.73	Open Terrain-Low Vegetation
B305	2020517.38	6711216.78	3094.84	Open Terrain-Low Vegetation
B306	2041707.46	6714696.18	2841.09	Open Terrain-Low Vegetation
B307	2041715.65	6731349.07	2825.04	Open Terrain-Low Vegetation
B308	2031348.51	6787184.42	3056.28	Open Terrain-Low Vegetation
B309	2031493.18	6815046.29	3197.63	Open Terrain-Low Vegetation
B310	2052184.80	6812621.35	3298.61	Open Terrain-Low Vegetation
B311	2057417.52	6797399.53	3180.56	Open Terrain-Low Vegetation
B312	2061816.89	6759969.11	2620.93	Open Terrain-Low Vegetation
B313	2060559.38	6731265.69	2704.59	Open Terrain-Low Vegetation

14203-0102
SAN BERNARDINO COUNTY LiDAR
AREA B QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
B314	2083222.87	6762572.03	2516.64	Open Terrain-Low Vegetation
B315	2095907.23	6772888.93	2622.81	Open Terrain-Low Vegetation
B316	2116269.59	6777472.85	2443.70	Open Terrain-Low Vegetation
B317	2114950.06	6798420.07	2324.98	Open Terrain-Low Vegetation
B318	2132313.92	6802266.48	2293.09	Open Terrain-Low Vegetation
B319	2137466.36	6822422.25	2271.97	Open Terrain-Low Vegetation
B320	2121648.42	6836962.95	2550.01	Open Terrain-Low Vegetation
B401	2019033.92	6774877.97	2713.69	Medium Vegetation-Riverine
B402	2021864.41	6775042.97	2708.61	Medium Vegetation-Riverine
B403	2023823.98	6773114.60	2698.20	Medium Vegetation-Riverine
B404	2028645.05	6770331.66	2669.11	Medium Vegetation-Riverine
B405	2043262.51	6756238.65	2620.58	Medium Vegetation-Riverine
B406	2047584.60	6757914.89	2591.36	Medium Vegetation-Riverine
B407	2051949.57	6757776.55	2574.93	Medium Vegetation-Riverine
B408	2055668.23	6756276.81	2550.84	Medium Vegetation-Riverine
B409	2061927.89	6754022.28	2564.00	Medium Vegetation-Riverine
B410	2066681.36	6753858.41	2516.37	Medium Vegetation-Riverine
B411	2071436.25	6757268.11	2495.73	Medium Vegetation-Riverine
B412	2077784.26	6757690.00	2482.79	Medium Vegetation-Riverine
B413	2085434.98	6759405.95	2453.17	Medium Vegetation-Riverine
B414	2088037.04	6759096.66	2458.18	Medium Vegetation-Riverine
B415	2090701.22	6760425.50	2434.39	Medium Vegetation-Riverine
B416	2093593.52	6762591.72	2432.61	Medium Vegetation-Riverine
B417	2098191.43	6764228.52	2409.70	Medium Vegetation-Riverine
B418	2099800.37	6766645.97	2406.30	Medium Vegetation-Riverine
B419	2102401.49	6768961.39	2395.31	Medium Vegetation-Riverine
B420	2105029.65	6772347.30	2376.02	Medium Vegetation-Riverine
B501	2016984.36	6777970.66	2731.88	Dense Vegetation
B502	2015767.23	6779037.08	2728.33	Dense Vegetation
B503	2012216.56	6779359.77	2741.77	Dense Vegetation
B504	2010319.48	6782079.43	2755.05	Dense Vegetation

14203-0102
SAN BERNARDINO COUNTY LiDAR
AREA B QC POINTS

POINT NAME	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	CATEGORY
B505	2007809.14	6784532.58	2764.69	Dense Vegetation
B506	2115618.04	6790652.13	2312.27	Dense Vegetation
B507	2116435.73	6793370.70	2306.22	Dense Vegetation
B508	2117445.56	6795307.91	2297.64	Dense Vegetation
B509	2118897.94	6796869.81	2291.70	Dense Vegetation
B510	2119447.10	6798894.57	2281.19	Dense Vegetation
ELAN	2027950.68	6740197.88	2933.69	Control
HPGN0804	2152863.93	6867259.05	2275.14	Control
MM	2078577.24	6801259.52	3009.39	Control

Horizontal: North American Datum 1983 (NAD83 2011.0), California Coordinate System Zone 5
Vertical: North American Vertical Datum 1988 (based on GEOID12A)

ELAN, HPGN0804 AND MM were held in horizontal and vertical.